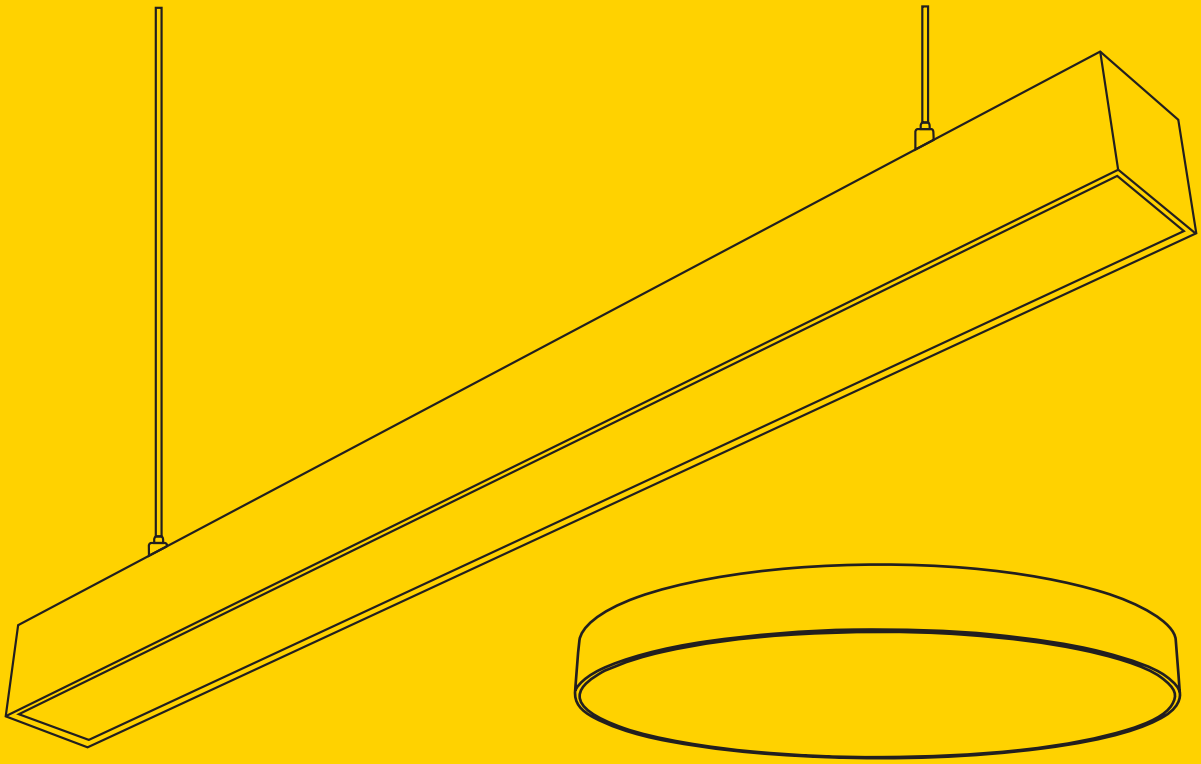
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2023 / 24



AVOLUX®

PROFESSIONAL LIGHTING CENTER

49
YEARS

AVOLUX®
PROFESSIONAL LIGHTING CENTER

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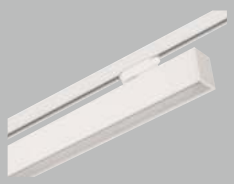

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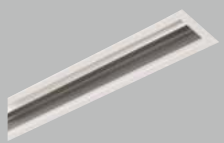

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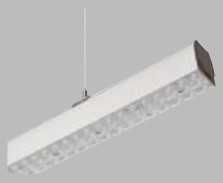

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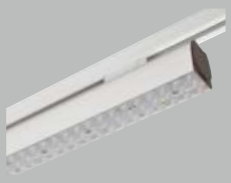
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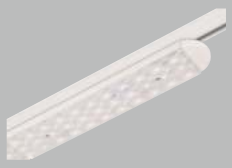


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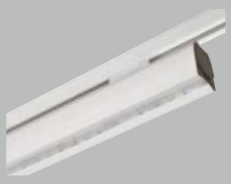
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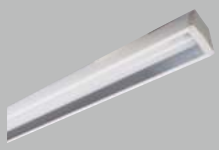

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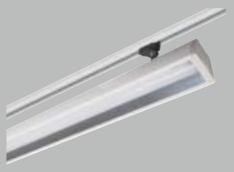

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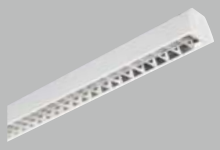
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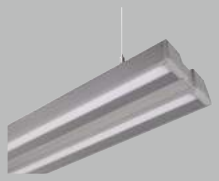

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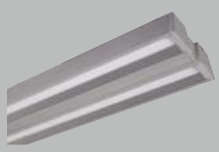

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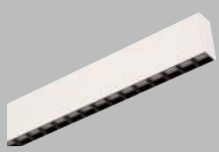

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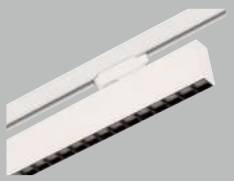

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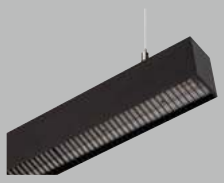
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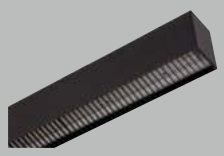
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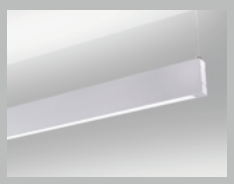
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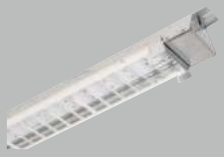

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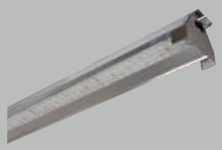
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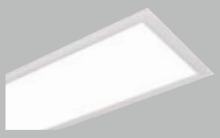
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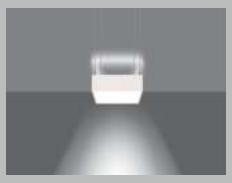
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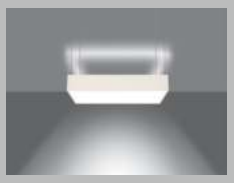
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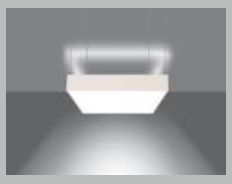
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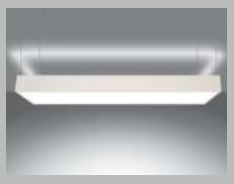
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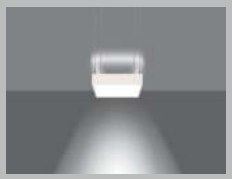
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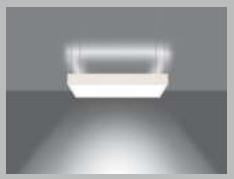
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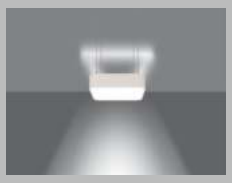
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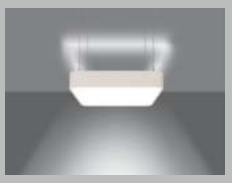
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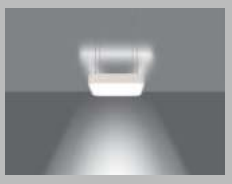
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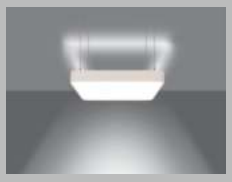
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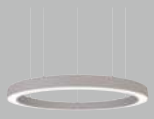
Code: I02.LL.14110.120
120cm Dia. Suspendant
Profile H:100mm
page 446



Code: I02.LL.14210.120
120cm Dia. Surface M.
Profile H:100mm
page 447



Code: I02.LL.14310.120
120cm Dia. Direct/Inddirect
Profile H:100mm
page 448



Code: I02.LL.14110.150
150cm Dia. Suspendant
Profile H:100mm
page 450



Code: I02.LL.14210.150
150cm Dia. Surface M.
Profile H:100mm
page 451



Code: I02.LL.14310.150
150cm Dia. Direct/Inddirect
Profile H:100mm
page 452



Code: I02.LL.14110.180
180cm Dia. Suspendant
Profile H:100mm
page 454



Code: I02.LL.14210.180
180cm Dia. Surface M.
Profile H:100mm
page 455



Code: I02.LL.14310.180
180cm Dia. Direct/Inddirect
Profile H:100mm
page 456



Code: I02.LL.14110.200
200cm Dia. Suspendant
Profile H:100mm
page 458



Code: I02.LL.14210.200
200cm Dia. Surface M.
Profile H:100mm
page 459



Code: I02.LL.14310.200
200cm Dia. Direct/Inddirect
Profile H:100mm
page 460



Code: I02.LL.14110.250
250cm Dia. Suspendant
Profile H:100mm
page 462



Code: I02.LL.14210.250
250cm Dia. Surface M.
Profile H:100mm
page 463



Code: I02.LL.14310.250
250cm Dia. Direct/Inddirect
Profile H:100mm
page 464

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Sivo Slim Ring



Code: I02.LL.14107.045
45cm Dia. Suspendant
Profile H:75mm
page 466



Code: I02.LL.14207.045
45cm Dia. Surface Mounted
Profile H:75mm
page 467



Code: I02.LL.14307.045
45cm Dia. Direct/Inddirect
Profile H:75mm
page 468



Code: I02.LL.14107.060
60cm Dia. Suspendant
Profile H:75mm
page 470



Code: I02.LL.14207.060
60cm Dia. Surface Mounted
Profile H:75mm
page 471



Code: I02.LL.14307.060
60cm Dia. Direct/Inddirect
Profile H:75mm
page 472



Code: I02.LL.14107.075
75cm Dia. Suspendant
Profile H:75mm
page 474



Code: I02.LL.14207.075
75cm Dia. Surface Mounted
Profile H:75mm
page 475



Code: I02.LL.14307.075
75cm Dia. Direct/Inddirect
Profile H:75mm
page 476



Code: I02.LL.14107.100
100cm Dia. Suspendant
Profile H:75mm
page 478



Code: I02.LL.14207.100
100cm Dia. Surface M.
Profile H:75mm
page 479



Code: I02.LL.14307.100
100cm Dia. Direct/Inddirect
Profile H:75mm
page 480



Code: I02.LL.14107.120
120cm Dia. Suspendant
Profile H:75mm
page 482



Code: I02.LL.14207.120
120cm Dia. Surface M.
Profile H:75mm
page 483



Code: I02.LL.14307.120
120cm Dia. Direct/Inddirect
Profile H:75mm
page 484



Code: I02.LL.14107.150
150cm Dia. Suspendant
Profile H:75mm
page 486



Code: I02.LL.14207.150
150cm Dia. Surface M.
Profile H:75mm
page 487



Code: I02.LL.14307.150
150cm Dia. Direct/Inddirect
Profile H:75mm
page 488



Code: I02.LL.14107.180
180cm Dia. Suspendant
Profile H:75mm
page 490



Code: I02.LL.14207.180
180cm Dia. Surface M.
Profile H:75mm
page 491



Code: I02.LL.14307.180
180cm Dia. Direct/Inddirect
Profile H:75mm
page 492



Code: I02.LL.14107.200
200cm Dia. Suspendant
Profile H:75mm
page 494



Code: I02.LL.14207.200
200cm Dia. Surface M.
Profile H:75mm
page 495



Code: I02.LL.14307.200
200cm Dia. Direct/Inddirect
Profile H:75mm
page 496



Code: I02.LL.14107.250
250cm Dia. Suspendant
Profile H:75mm
page 498



Code: I02.LL.14207.250
250cm Dia. Surface M.
Profile H:75mm
page 499



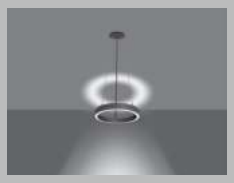
Code: I02.LL.14307.250
250cm Dia. Direct/Inddirect
Profile H:75mm
page 500

Product Index / Ürün İndex

Sivo Super Slim Ring



Code: I02.LL.14105.045
45cm Dia. Suspendant
Profile H:50mm
page 502



Code: I02.LL.14305.045
45cm Dia. Direct/Inddirect
Profile H:50mm
page 503



Code: I02.LL.14105.060
60cm Dia. Suspendant
Profile H:50mm
page 504



Code: I02.LL.14305.060
60cm Dia. Direct/Inddirect
Profile H:50mm
page 505



Code: I02.LL.14105.075
75cm Dia. Suspendant
Profile H:50mm
page 506



Code: I02.LL.14305.075
75cm Dia. Direct/Inddirect
Profile H:50mm
page 507



Code: I02.LL.14105.100
100cm Dia. Suspendant
Profile H:50mm
page 508



Code: I02.LL.14305.100
100cm Dia. Direct/Inddirect
Profile H:50mm
page 509



Code: I02.LL.14105.120
120cm Dia. Suspendant
Profile H:50mm
page 510



Code: I02.LL.14305.120
120cm Dia. Direct/Inddirect
Profile H:50mm
page 511



Code: I02.LL.14105.150
150cm Dia. Suspendant
Profile H:50mm
page 512



Code: I02.LL.14305.150
150cm Dia. Direct/Inddirect
Profile H:50mm
page 513



Code: I02.LL.14105.180
180cm Dia. Suspendant
Profile H:50mm
page 514



Code: I02.LL.14305.180
180cm Dia. Direct/Inddirect
Profile H:50mm
page 515



Code: I02.LL.14105.200
200cm Dia. Suspendant
Profile H:50mm
page 516



Code: I02.LL.14305.200
200cm Dia. Direct/Inddirect
Profile H:50mm
page 517

Sivo Full Ring



Code: I02.LL.13110.045
45cm Dia. Suspendant
Profile H:100mm
page 518



Code: I02.LL.13210.045
45cm Dia. Surface Mounted
Profile H:100mm
page 519



Code: I02.LL.13310.045
45cm Dia. Direct/Inddirect
Profile H:100mm
page 520



Code: I02.LL.13110.060
60cm Dia. Suspendant
Profile H:100mm
page 522



Code: I02.LL.13210.060
60cm Dia. Surface Mounted
Profile H:100mm
page 523



Code: I02.LL.13310.060
60cm Dia. Direct/Inddirect
Profile H:100mm
page 524



Code: I02.LL.13110.075
75cm Dia. Suspendant
Profile H:100mm
page 526



Code: I02.LL.13210.075
75cm Dia. Surface Mounted
Profile H:100mm
page 527



Code: I02.LL.13310.075
75cm Dia. Direct/Inddirect
Profile H:100mm
page 528



Code: I02.LL.13110.100
100cm Dia. Suspendant
Profile H:100mm
page 530



Code: I02.LL.13210.100
100cm Dia. Surface M.
Profile H:100mm
page 531



Code: I02.LL.13310.100
100cm Dia. Direct/Inddirect
Profile H:100mm
page 532



Code: I02.LL.13110.120
120cm Dia. Suspendant
Profile H:100mm
page 534



Code: I02.LL.13210.120
120cm Dia. Surface M.
Profile H:100mm
page 535



Code: I02.LL.13310.120
120cm Dia. Direct/Inddirect
Profile H:100mm
page 536

Product Index / Ürün İndex

Sivo Slim Full Ring



Code: I02.LL.13107.045
45cm Dia. Suspendant
Profile H:75mm
page 538



Code: I02.LL.13207.045
45cm Dia. Surface Mounted
Profile H:75mm
page 539



Code: I02.LL.13307.045
45cm Dia. Direct/Inddirect
Profile H:75mm
page 540



Code: I02.LL.13107.060
60cm Dia. Suspendant
Profile H:75mm
page 542



Code: I02.LL.13207.060
60cm Dia. Surface Mounted
Profile H:75mm
page 543



Code: I02.LL.13307.060
60cm Dia. Direct/Inddirect
Profile H:75mm
page 544



Code: I02.LL.13107.075
75cm Dia. Suspendant
Profile H:75mm
page 546



Code: I02.LL.13207.075
75cm Dia. Surface Mounted
Profile H:75mm
page 547



Code: I02.LL.13307.075
75cm Dia. Direct/Inddirect
Profile H:75mm
page 548



Code: I02.LL.13107.100
100cm Dia. Suspendant
Profile H:75mm
page 550



Code: I02.LL.13207.100
100cm Dia. Surface M.
Profile H:75mm
page 551



Code: I02.LL.13307.100
100cm Dia. Direct/Inddirect
Profile H:75mm
page 552



Code: I02.LL.13107.120
120cm Dia. Suspendant
Profile H:75mm
page 554



Code: I02.LL.13207.120
120cm Dia. Surface M.
Profile H:75mm
page 555



Code: I02.LL.13307.120
120cm Dia. Direct/Inddirect
Profile H:75mm
page 556

Sivo Super Slim Full Ring



Code: I02.LL.13105.045
45cm Dia. Suspendant
Profile H:50mm
page 558



Code: I02.LL.13305.045
45cm Dia. Direct/Inddirect
Profile H:50mm
page 559



Code: I02.LL.13105.060
60cm Dia. Suspendant
Profile H:50mm
page 560



Code: I02.LL.13305.060
60cm Dia. Direct/Inddirect
Profile H:50mm
page 561



Code: I02.LL.13105.075
75cm Dia. Suspendant
Profile H:50mm
page 562



Code: I02.LL.13305.075
75cm Dia. Direct/Inddirect
Profile H:50mm
page 563



Code: I02.LL.13105.100
100cm Dia. Suspendant
Profile H:50mm
page 564



Code: I02.LL.13305.100
100cm Dia. Direct/Inddirect
Profile H:50mm
page 565



Code: I02.LL.13105.120
120cm Dia. Suspendant
Profile H:50mm
page 566



Code: I02.LL.13305.120
120cm Dia. Direct/Inddirect
Profile H:50mm
page 567

Sivo Full Ring Recessed



Code: I02.LL.13407.030
30cm Dia. Recessed
page 568



Code: I02.LL.13407.045
45cm Dia. Recessed
page 569



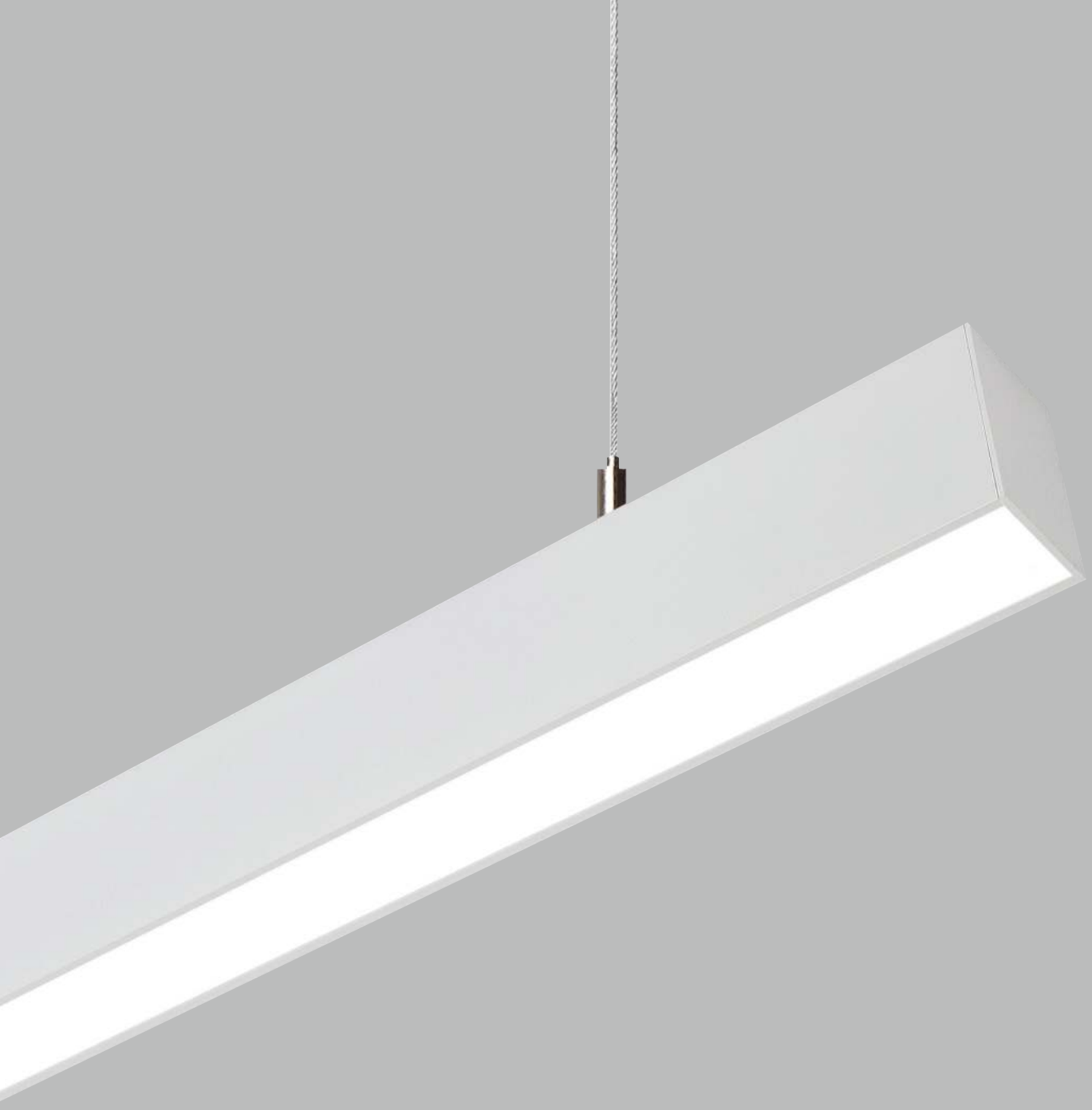
Code: I02.LL.13407.060
60cm Dia. Recessed
page 570



Code: I02.LL.13407.075
75cm Dia. Recessed
page 571

NARROW Linea Led





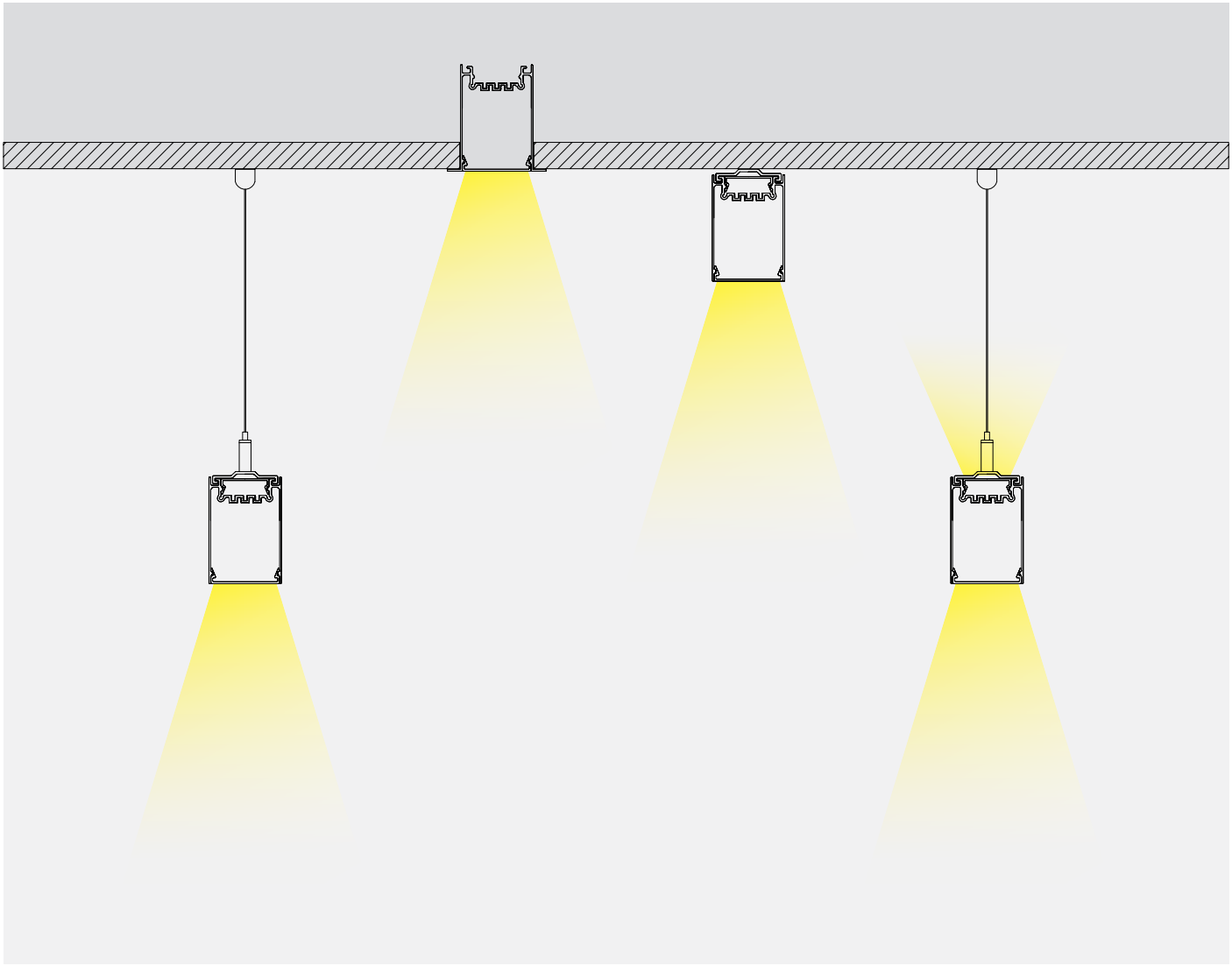
NARROW is an ideal solution for many applications including office lighting, retails, hospitals etc. Both opal diffuser and Microprismatic diffuser options available to lower UGR. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together with different power and luminaire size and DIM options including DALI, Tunable White, Wireless DIM etc.

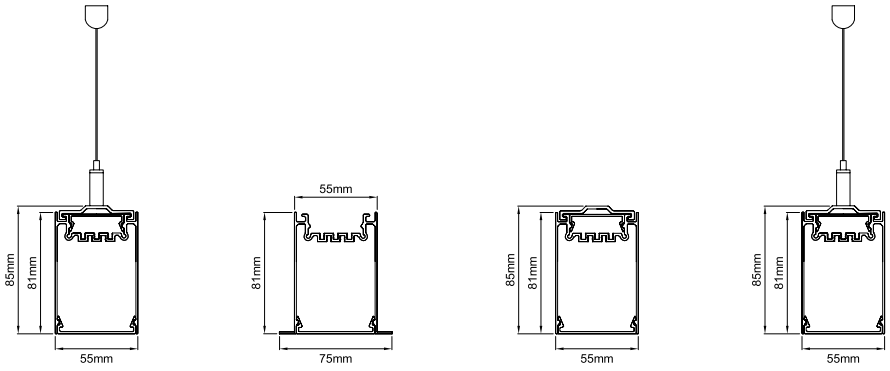
Suspendant direct, direct/indirect, recessed, surface mounted and track mounted options available.

NARROW ofis, mağaza, hastane vb alanlarda aydınlatma çözümleri sağlar. Hem opal hem de kamaşmayı azaltmak için Microprizmatik seçenekleri mevcuttur. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç, boy ve DIM tercihleri ile uygulanabilir. DIM seçenekleri arasında DALI, Dinamik Beyaz, Kablosuz DIM gibi seçeneklerde mevcuttur.

Sarkıt direkt, sarkıt direkt/endirekt, sıvaüstü, raya monte ve ankastre montaj seçenekleri mevcuttur.

Narrow





Narrow Linear System

Narrow Linear System consists of many different versions including suspendant direct, suspendant direct/indirect, surface mounted and recessed including various dim options and lenghts.

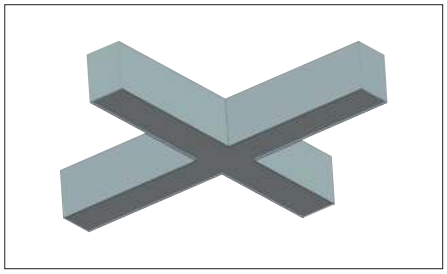
Avolux Narrow serisi sakıt direkt, sarkıt direkt/endirekt, sıvaüstü ve ankastre dahil farklı montaj şekillerine sahiptir. Birçok farklı boy ve dim seçenekleri uygulanabilir.

Narrow

Extra Mounting Accesories / Ekstra Bağlantı Aksesuarları

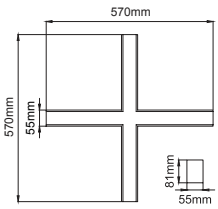
For different linear configurations, accessories with special connectors of X, T and L available with connection profile elements that gives flexibility to create different linear shapes.

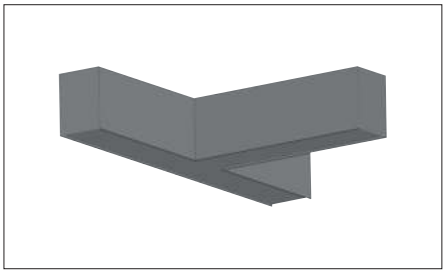
Farklı lineer hat konfigurasyonları için, X, T ve L şeklinde bağlantı profili seçenekleri mevcuttur. Bu aksesuarlar farklı şekildeki uygulamalar için esneklik sağlar.



Plus connection profile that enables linear line connection in four directions.

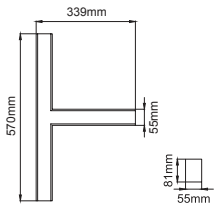
Artı bağlantı profili kesintisiz lineer hat uygulamalarında dört yöne bağlantı sağlar.

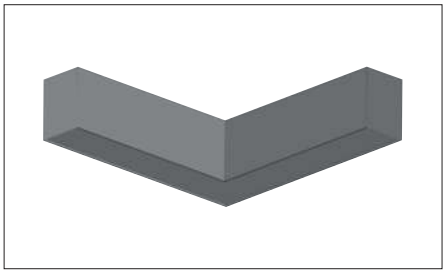




T connection profile that enables linear line connection in three directions.

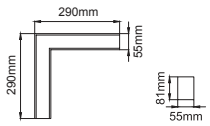
T bağlantı profili kesintisiz lineer hat uygulamalarında üç yöne bağlantı sağlar.





L connection profile that enables linear line connection in two directions.

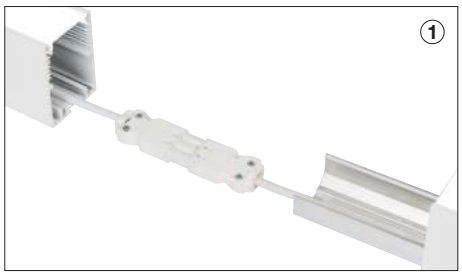
L bağlantı profili kesintisiz lineer hat uygulamalarında iki yöne bağlantı sağlar.

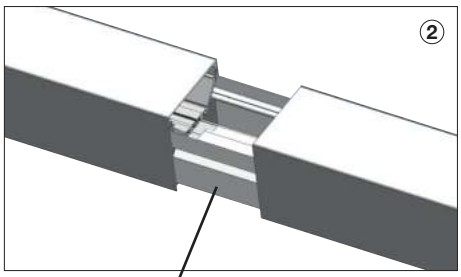


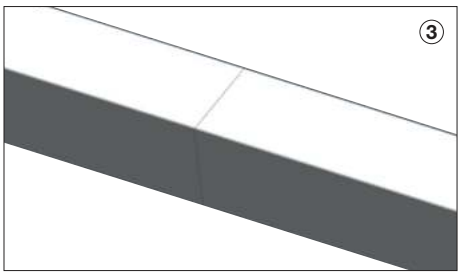
Continious Mounting / Kesintisiz Montaj

The wiring of the NARROW enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wieland connector is being used with options of 3-pole for standard on/off single phase, 5-pole for three phase and dimmable applications. Connection profile mounted at the end of each line provides rigid connection between two profiles.

NARROW'un sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa tek fazlı seçeneği için 3'lü, üç fazlı ve dim edebilme özelliği için 5'li wieland seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur.







Connection profile almost same size with the main profile that prevents light bleed in the connection point.

Bağlantı profili ana gövde ile hemen hemen aynı boyutta olması sayesinde iki profilin bağlantı noktasında ışık kaçısı engellenir.

Narrow

DIM Options / DIM seçenekleri

		 Narrow Susp.	 Narrow Surface	 Narrow Track	 Narrow Susp.	 Narrow Surface
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its NARROW linear range that provides easy control and saves time on wiring during installation.

Avolux NARROW serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Narrow linear range.

Avolux Narrow serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Narrow

							
Narrow Track	**Narrow Susp.**	**Narrow Surface**	**Narrow Track**	**Narrow Susp.**	**Narrow Surface**	**Narrow Track**	**Narrow Dir./Ind.**
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its NARROW linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux NARROW serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS

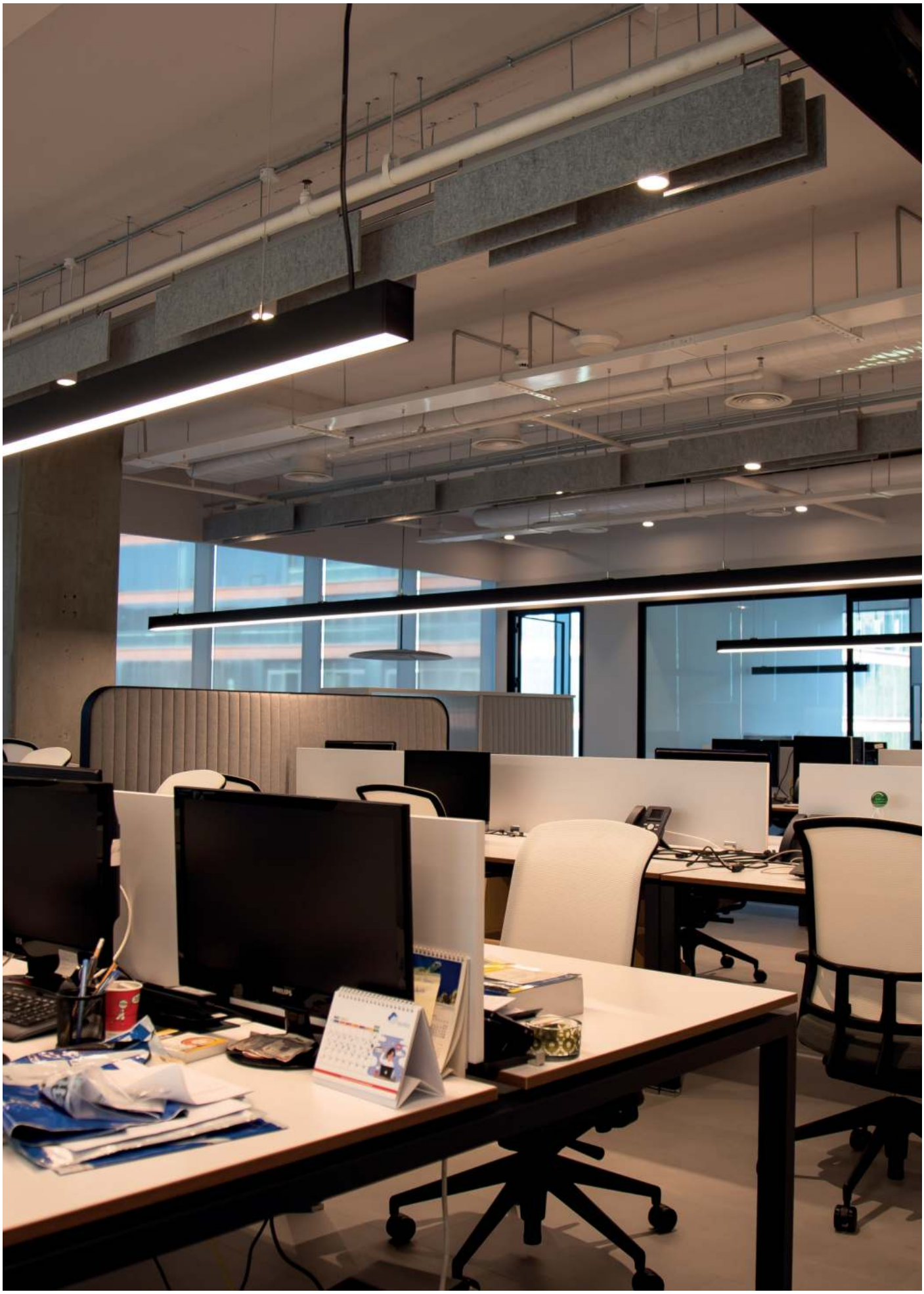


Xpress

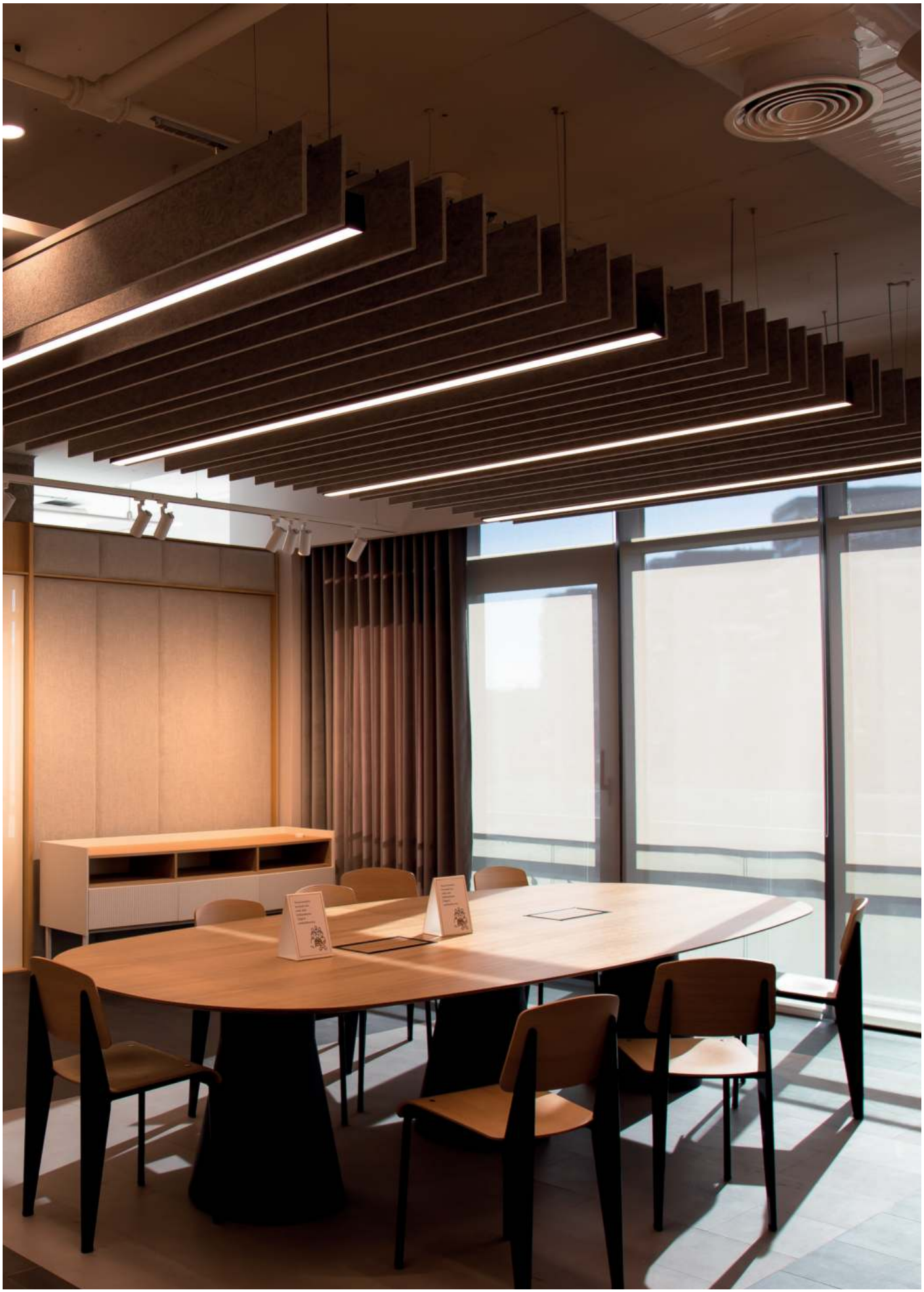




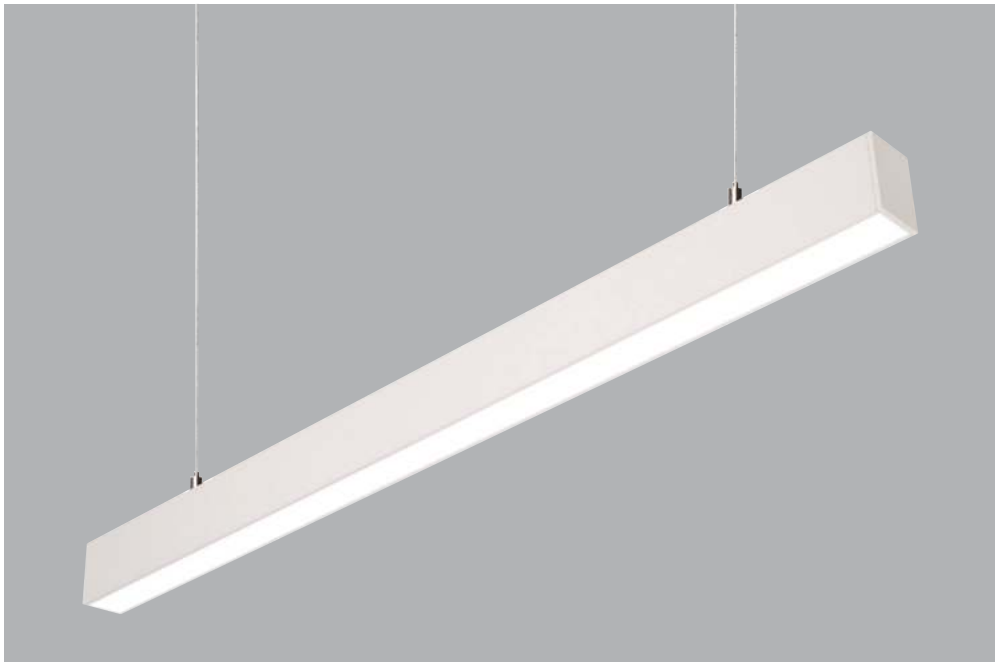
Narrow



Narrow



Narrow Suspendant





* Code example / Kod örneği:

I02.LL.19180 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili



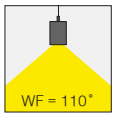


5 / Product Color / Ürün Renk

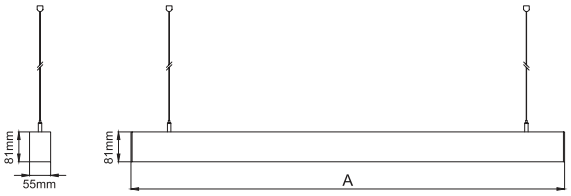


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19180.1135.034.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	55mm
Profile Height / Profil Yüksekliği	81mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>92lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Narrow Suspendant

Narrow Suspendant / I02.LL.19180

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19180.(...).(...).(...).(...)	2700K	1669	2252
			3000K	1722	2324
			3500K	1749	2360
			4000K	1816	2450
			5000K	1842	2486
	CRI>90	I02.LL.19180.(...).(...).(...).(...)	2700K	1402	1891
			3000K	1442	1945
			3500K	1468	1981
			4000K	1522	2053
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1135mm	CRI>80	I02.LL.19180.(...).(...).(...).(...)	2700K	2029	2866
			3000K	2094	2957
			3500K	2127	3003
			4000K	2208	3118
			5000K	2240	3163
	CRI>90	I02.LL.19180.(...).(...).(...).(...)	2700K	1705	2406
			3000K	1753	2475
			3500K	1785	2521
			4000K	1851	2612
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1415mm	CRI>80	I02.LL.19180.(...).(...).(...).(...)	2700K	2592	3693
			3000K	2674	3811
			3500K	2716	3870
			4000K	2820	4018
			5000K	2860	4077
	CRI>90	I02.LL.19180.(...).(...).(...).(...)	2700K	2177	3101
			3000K	2239	3189
			3500K	2280	3248
			4000K	2364	3367
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1695mm	CRI>80	I02.LL.19180.(...).(...).(...).(...)	2700K	3176	4506
			3000K	3277	4651
			3500K	3329	4723
			4000K	3456	4903
			5000K	3506	4975
	CRI>90	I02.LL.19180.(...).(...).(...).(...)	2700K	2668	3784
			3000K	2744	3892
			3500K	2794	3964
			4000K	2897	4108
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	I02.LL.19180.(...).(...).(...).(...)	2700K	3783	5333
			3000K	3903	5504
			3500K	3964	5589
			4000K	4116	5802
			5000K	4175	5888
	CRI>90	I02.LL.19180.(...).(...).(...).(...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı
855mm	20W	20W (Direct) - 250mA
	27W	27W (Direct) - 350mA
1135mm	24W	24W (Direct) - 250mA
	34W	34W (Direct) - 350mA
1415mm	30W	30W (Direct) - 250mA
	43W	43W (Direct) - 350mA
1695mm	36W	36W (Direct) - 250mA
	51W	51W (Direct) - 350mA
1975mm	42W	42W (Direct) - 250mA
	59W	59W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5	Product Color / Ürün Renk
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Narrow Surface Mounted

Narrow Surface Mounted / I02.LL.19181



* Code example / Kod örneği:

I02.LL.19181 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	1669	2252
			3000K	1722	2324
			3500K	1749	2360
			4000K	1816	2450
			5000K	1842	2486
	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	1402	1891
			3000K	1442	1945
			3500K	1468	1981
			4000K	1522	2053
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2029	2866
			3000K	2094	2957
			3500K	2127	3003
			4000K	2208	3118
			5000K	2240	3163
	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	1705	2406
			3000K	1753	2475
			3500K	1785	2521
			4000K	1851	2612
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2592	3693
			3000K	2674	3811
			3500K	2716	3870
			4000K	2820	4018
			5000K	2860	4077
	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2177	3101
			3000K	2239	3189
			3500K	2280	3248
			4000K	2364	3367
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	3176	4506
			3000K	3277	4651
			3500K	3329	4723
			4000K	3456	4903
			5000K	3506	4975
	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2668	3784
			3000K	2744	3892
			3500K	2794	3964
			4000K	2897	4108
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	3783	5333
			3000K	3903	5504
			3500K	3964	5589
			4000K	4116	5802
			5000K	4175	5888
	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Narrow Track Mounted

Narrow Track Mounted / I02.LL.19182



* Code example / Kod örneği:

I02.LL.19182 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	1669	2252
			3000K	1722	2324
			3500K	1749	2360
			4000K	1816	2450
			5000K	1842	2486
	CRI>90	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	1402	1891
			3000K	1442	1945
			3500K	1468	1981
			4000K	1522	2053
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	2029	2866
			3000K	2094	2957
			3500K	2127	3003
			4000K	2208	3118
			5000K	2240	3163
	CRI>90	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	1705	2406
			3000K	1753	2475
			3500K	1785	2521
			4000K	1851	2612
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	2592	3693
			3000K	2674	3811
			3500K	2716	3870
			4000K	2820	4018
			5000K	2860	4077
	CRI>90	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	2177	3101
			3000K	2239	3189
			3500K	2280	3248
			4000K	2364	3367
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	3176	4506
			3000K	3277	4651
			3500K	3329	4723
			4000K	3456	4903
			5000K	3506	4975
	CRI>90	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	2668	3784
			3000K	2744	3892
			3500K	2794	3964
			4000K	2897	4108
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	3783	5333
			3000K	3903	5504
			3500K	3964	5589
			4000K	4116	5802
			5000K	4175	5888
	CRI>90	I02.LL.19182 . (...) . (...) . (...) . (...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Narrow Direct / Indirect





* Code example / Kod örneği:

I02.LL.19183 . 1135 . 049 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





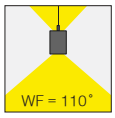
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

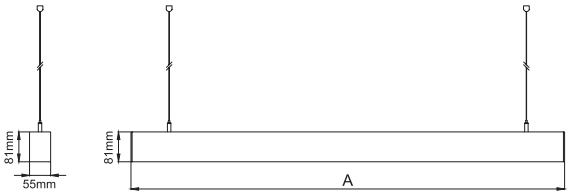


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19183.1135.049.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	55mm
Profile Height / Profil Yüksekliği	81mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>94lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Narrow Direct / Indirect

Narrow Direct / Indirect / I02.LL.19183

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm ↓	10W 250mA lm ↑	27W 350mA lm ↓	12W 350mA lm ↑
855mm	CRI>80	I02.LL.19183.(...).(...).(...).(...)	2700K	1669	831	2252	1081
			3000K	1722	858	2324	1116
			3500K	1749	871	2360	1133
			4000K	1816	905	2450	1177
			5000K	1842	918	2486	1194
	CRI>90	I02.LL.19183.(...).(...).(...).(...)	2700K	1402	698	1891	908
			3000K	1442	718	1945	934
			3500K	1468	732	1981	952
			4000K	1522	758	2053	986
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm ↓	12W 250mA lm ↑	34W 350mA lm ↓	15W 350mA lm ↑
1135mm	CRI>80	I02.LL.19183.(...).(...).(...).(...)	2700K	2029	1009	2866	1365
			3000K	2094	1041	2957	1408
			3500K	2127	1057	3003	1430
			4000K	2208	1098	3118	1485
			5000K	2240	1114	3163	1506
	CRI>90	I02.LL.19183.(...).(...).(...).(...)	2700K	1705	847	2406	1146
			3000K	1753	872	2475	1179
			3500K	1785	888	2521	1201
			4000K	1851	920	2612	1244
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm ↓	14W 250mA lm ↑	43W 350mA lm ↓	20W 350mA lm ↑
1415mm	CRI>80	I02.LL.19183.(...).(...).(...).(...)	2700K	2592	1202	3693	1856
			3000K	2674	1240	3811	1916
			3500K	2716	1259	3870	1945
			4000K	2820	1308	4018	2020
			5000K	2860	1327	4077	2049
	CRI>90	I02.LL.19183.(...).(...).(...).(...)	2700K	2177	1009	3101	1559
			3000K	2239	1038	3189	1604
			3500K	2280	1058	3248	1633
			4000K	2364	1096	3367	1693
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm ↓	17W 250mA lm ↑	51W 350mA lm ↓	24W 350mA lm ↑
1695mm	CRI>80	I02.LL.19183.(...).(...).(...).(...)	2700K	3176	1490	4506	2272
			3000K	3277	1538	4651	2344
			3500K	3329	1562	4723	2381
			4000K	3456	1622	4903	2472
			5000K	3506	1646	4975	2508
	CRI>90	I02.LL.19183.(...).(...).(...).(...)	2700K	2668	1252	3784	1908
			3000K	2744	1288	3892	1963
			3500K	2794	1312	3964	1999
			4000K	2897	1359	4108	2072
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm ↓	20W 250mA lm ↑	59W 350mA lm ↓	28W 350mA lm ↑
1975mm	CRI>80	I02.LL.19183.(...).(...).(...).(...)	2700K	3783	1791	5333	2677
			3000K	3903	1848	5504	2763
			3500K	3964	1877	5589	2806
			4000K	4116	1949	5802	2913
			5000K	4175	1977	5888	2956
	CRI>90	I02.LL.19183.(...).(...).(...).(...)	2700K	3178	1504	4478	2249
			3000K	3268	1547	4606	2313
			3500K	3327	1576	4692	2356
			4000K	3456	1633	4862	2441

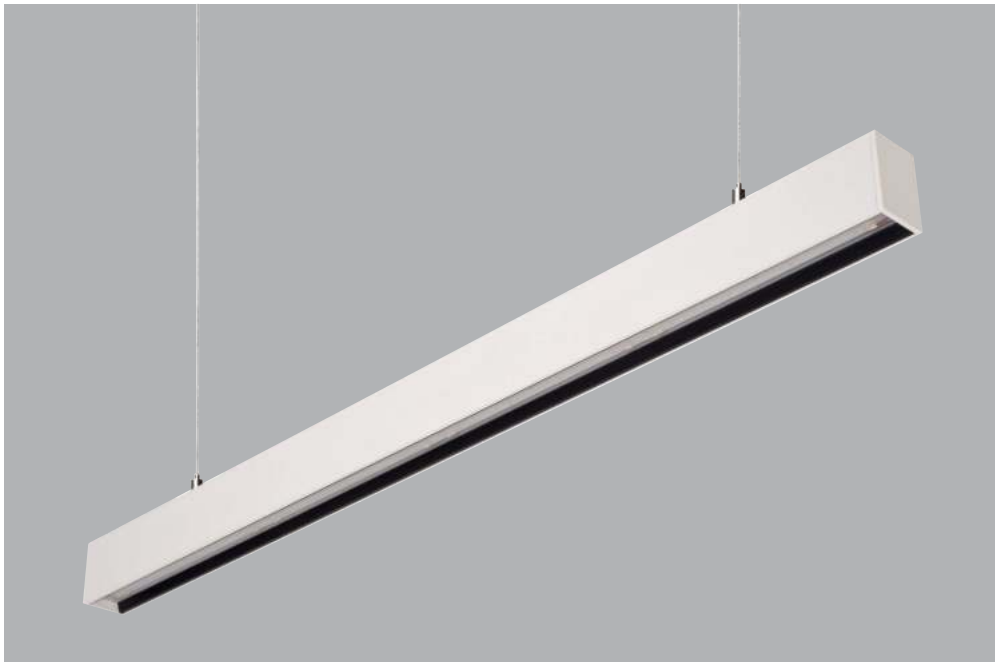
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	
855mm	30W 39W	20W (Direct) 10W (Indirect)- 250mA 27W (Direct) 12W (Indirect)- 350mA
1135mm	36W 49W	24W (Direct) 12W (Indirect)- 250mA 34W (Direct) 15W (Indirect)- 350mA
1415mm	44W 63W	30W (Direct) 14W (Indirect)- 250mA 43W (Direct) 20W (Indirect)- 350mA
1695mm	53W 75W	36W (Direct) 17W (Indirect)- 250mA 51W (Direct) 24W (Indirect)- 350mA
1975mm	62W 87W	42W (Direct) 20W (Indirect)- 250mA 59W (Direct) 28W (Indirect)- 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

Narrow Suspendant





* Code example / Kod örneği:

I02.LL.19184 . 1150 . 033 . 100 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord	Suspension Profile
Ray Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





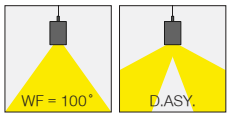
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

6 / Product Color / Ürün Renk

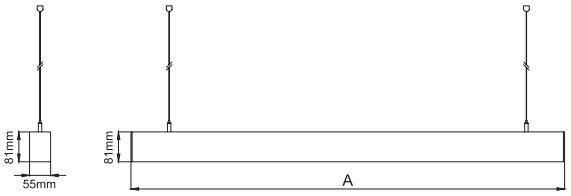


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19184.1150.033.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	55mm
Profile Height / Profil Yüksekliği	81mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>96lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood and Double Asymmetric / Simetrik Geniş Açı veya Çift Asimetrik
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Extruded Lens Optic / Extrüzyon Lens Optik

Narrow Suspendant

Narrow Suspendant / I02.LL.19184

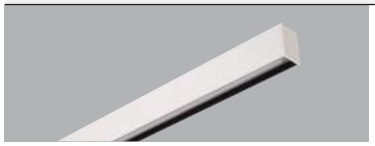
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
870mm	CRI>80	I02.LL.19184.(...).(...).(...).(...)	2700K	1763	2368
			3000K	1820	2444
			3500K	1848	2482
			4000K	1919	2557
			5000K	1947	2615
	CRI>90	I02.LL.19184.(...).(...).(...).(...)	2700K	1481	1989
			3000K	1524	2046
			3500K	1497	2084
			4000K	1608	2160
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	33W 350mA lm
1150mm	CRI>80	I02.LL.19184.(...).(...).(...).(...)	2700K	2145	3014
			3000K	2214	3111
			3500K	2248	3159
			4000K	2334	3280
			5000K	2368	3328
	CRI>90	I02.LL.19184.(...).(...).(...).(...)	2700K	1802	2532
			3000K	1853	2512
			3500K	1887	2653
			4000K	1956	2749
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1430mm	CRI>80	I02.LL.19184.(...).(...).(...).(...)	2700K	2740	3886
			3000K	2827	4010
			3500K	2871	4072
			4000K	2981	4228
			5000K	3025	4290
	CRI>90	I02.LL.19184.(...).(...).(...).(...)	2700K	2301	3264
			3000K	2367	3357
			3500K	2411	3420
			4000K	2498	3544
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1710mm	CRI>80	I02.LL.19184.(...).(...).(...).(...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
	CRI>90	I02.LL.19184.(...).(...).(...).(...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
870mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	WF 100° - Wide Flood	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01 white
1150mm	24W 24W (Direct) - 250mA 33W 33W (Direct) - 350mA	D.ASY. Double Asymmetric	830 CRI>80 - 3000K	930 CRI>90 - 3000K	02 ral 9010
1430mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA		835 CRI>80 - 3500K	935 CRI>90 - 3500K	03 black
1710mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA		840 CRI>80 - 4000K	940 CRI>90 - 4000K	04 gray
			850 CRI>80 - 5000K		05 dark gray
					06 special color

Narrow Surface Mounted

Narrow Surface Mountend / I02.LL.19186



* Code example / Kod örneği:

I02.LL.19186 . 1150 . 033 . 100 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
870mm	CRI>80	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	1763	2368
			3000K	1820	2444
			3500K	1848	2482
			4000K	1919	2557
			5000K	1947	2615
	CRI>90	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	1481	1989
			3000K	1524	2046
			3500K	1497	2084
			4000K	1608	2160
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**33W 350mA lm**
1150mm	CRI>80	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	2145	3014
			3000K	2214	3111
			3500K	2248	3159
			4000K	2334	3280
			5000K	2368	3328
	CRI>90	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	1802	2532
			3000K	1853	2512
			3500K	1887	2653
			4000K	1956	2749
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1430mm	CRI>80	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	2740	3886
			3000K	2827	4010
			3500K	2871	4072
			4000K	2981	4228
			5000K	3025	4290
	CRI>90	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	2301	3264
			3000K	2367	3357
			3500K	2411	3420
			4000K	2498	3544
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1710mm	CRI>80	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
	CRI>90	I02.LL.19186 . (...) . (...) . (...) . (...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
870mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	WF 100° - Wide Flood	827 CRI>80 - 2700K		927 CRI>90 - 2700K		01 white	
1150mm	24W 24W (Direct) - 250mA 33W 33W (Direct) - 350mA	D.ASY. Double Asymmetric	830 CRI>80 - 3000K		930 CRI>90 - 3000K		02 ral 9010	
1430mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA		835 CRI>80 - 3500K		935 CRI>90 - 3500K		03 black	
1710mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA		840 CRI>80 - 4000K		940 CRI>90 - 4000K		04 gray	
			850 CRI>80 - 5000K				05 dark gray	
							06 special color	

Narrow Track Mounted

Narrow Track Montend / I02.LL.19187



* Code example / Kod örneği:

I02.LL.19187 . 1150 . 033 . 100 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Track Adaptor
Ray Soketi

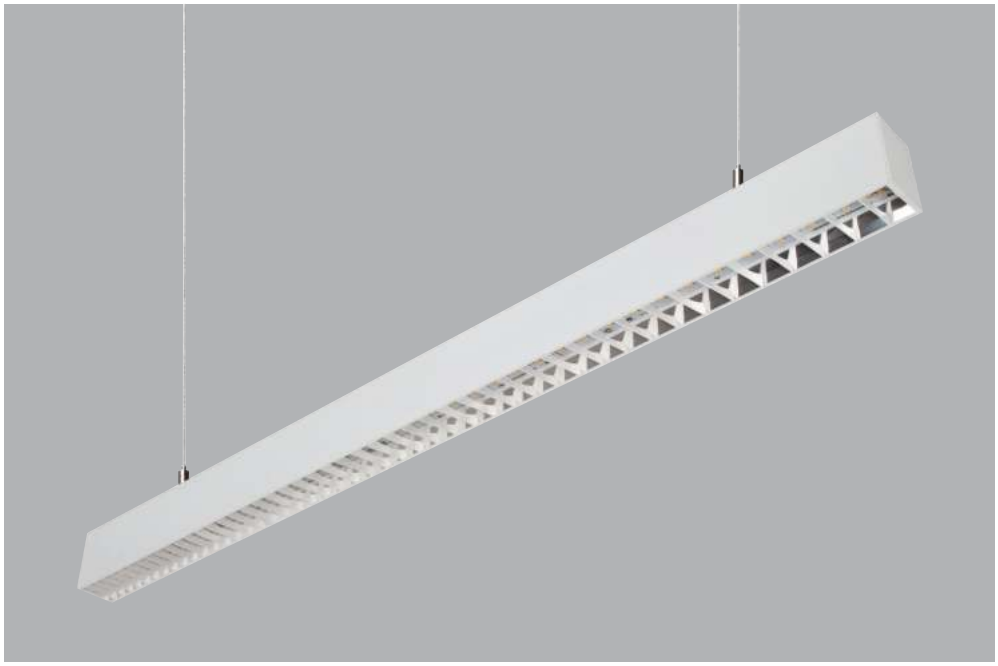


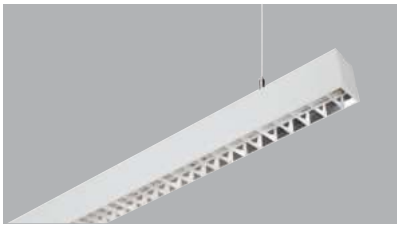
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
870mm	CRI>80	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	1763	2368
			3000K	1820	2444
			3500K	1848	2482
			4000K	1919	2557
			5000K	1947	2615
	CRI>90	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	1481	1989
			3000K	1524	2046
			3500K	1497	2084
			4000K	1608	2160
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	33W 350mA lm
1150mm	CRI>80	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	2145	3014
			3000K	2214	3111
			3500K	2248	3159
			4000K	2334	3280
			5000K	2368	3328
	CRI>90	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	1802	2532
			3000K	1853	2512
			3500K	1887	2653
			4000K	1956	2749
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1430mm	CRI>80	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	2740	3886
			3000K	2827	4010
			3500K	2871	4072
			4000K	2981	4228
			5000K	3025	4290
	CRI>90	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	2301	3264
			3000K	2367	3357
			3500K	2411	3420
			4000K	2498	3544
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1710mm	CRI>80	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
	CRI>90	I02.LL.19187 . (...) . (...) . (...) . (...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
870mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	WF 100° - Wide Flood	827 CRI>80 - 2700K	927 CRI>90 - 2700K			01 white	
1150mm	24W 24W (Direct) - 250mA 33W 33W (Direct) - 350mA	D.ASY. Double Asymmetric	830 CRI>80 - 3000K	930 CRI>90 - 3000K			02 ral 9010	
1430mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA		835 CRI>80 - 3500K	935 CRI>90 - 3500K			03 black	
1710mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA		840 CRI>80 - 4000K	940 CRI>90 - 4000K			04 gray	
			850 CRI>80 - 5000K				05 dark gray	
							06 special color	

Narrow Suspendant





* Code example / Kod örneği:

I02.LL.18180 . 1130 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili

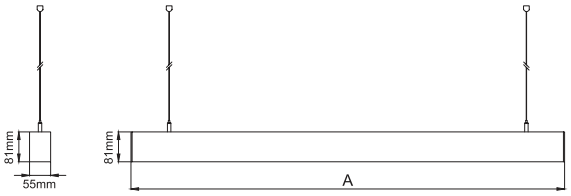




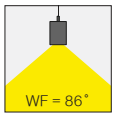
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.18180.1130.034.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	55mm
Profile Height / Profil Yüksekliği	81mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>109lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	White Painted Metal Louver / Beyaz Boyalı Sac Petek

Narrow Suspendant

Narrow Suspendant / I02.LL.18180

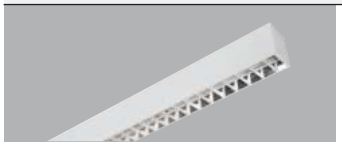
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	24W 350mA lm
850mm	CRI>80	I02.LL.18180.(...).(...).(...).(...)	2700K	2118	2668
			3000K	2186	2753
			3500K	2220	2796
			4000K	2305	2903
			5000K	2339	2945
	CRI>90	I02.LL.18180.(...).(...).(...).(...)	2700K	1779	2241
			3000K	1830	2305
			3500K	1864	2348
			4000K	1932	2433
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1130mm	CRI>80	I02.LL.18180.(...).(...).(...).(...)	2700K	2578	3397
			3000K	2660	3506
			3500K	2702	3560
			4000K	2805	3696
			5000K	2846	3750
	CRI>90	I02.LL.18180.(...).(...).(...).(...)	2700K	2165	2853
			3000K	2227	2935
			3500K	2268	2989
			4000K	2351	3098
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1410mm	CRI>80	I02.LL.18180.(...).(...).(...).(...)	2700K	3292	4376
			3000K	3397	4516
			3500K	3450	4586
			4000K	3582	4761
			5000K	3635	4831
	CRI>90	I02.LL.18180.(...).(...).(...).(...)	2700K	2765	3675
			3000K	2844	3781
			3500K	2897	3851
			4000K	3002	3991
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	50W 350mA lm
1695mm	CRI>80	I02.LL.18180.(...).(...).(...).(...)	2700K	4035	5340
			3000K	4164	5511
			3500K	4228	5596
			4000K	4390	5810
			5000K	4454	5895
	CRI>90	I02.LL.18180.(...).(...).(...).(...)	2700K	3389	4485
			3000K	3486	4614
			3500K	3551	4699
			4000K	3680	4870
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	I02.LL.18180.(...).(...).(...).(...)	2700K	4804	6322
			3000K	4958	6524
			3500K	5035	6625
			4000K	5227	6878
			5000K	5304	6979
	CRI>90	I02.LL.18180.(...).(...).(...).(...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
850mm	20W 20W (Direct) - 250mA 24W 24W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1130mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1410mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 50W 50W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Narrow Surface Mounted

Narrow Surface Mounted / I02.LL.18181



* Code example / Kod örneği:

I02.LL.18181 . 1130 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	24W 350mA lm
850mm	CRI>80	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2118	2668
			3000K	2186	2753
			3500K	2220	2796
			4000K	2305	2903
			5000K	2339	2945
	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	1779	2241
			3000K	1830	2305
			3500K	1864	2348
			4000K	1932	2433

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1130mm	CRI>80	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2578	3397
			3000K	2660	3506
			3500K	2702	3560
			4000K	2805	3696
			5000K	2846	3750
	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2165	2853
			3000K	2227	2935
			3500K	2268	2989
			4000K	2351	3098

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1410mm	CRI>80	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	3292	4376
			3000K	3397	4516
			3500K	3450	4586
			4000K	3582	4761
			5000K	3635	4831
	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2765	3675
			3000K	2844	3781
			3500K	2897	3851
			4000K	3002	3991

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	50W 350mA lm
1695mm	CRI>80	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	4035	5340
			3000K	4164	5511
			3500K	4228	5596
			4000K	4390	5810
			5000K	4454	5895
	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	3389	4485
			3000K	3486	4614
			3500K	3551	4699
			4000K	3680	4870

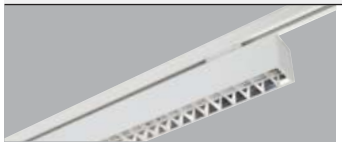
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	4804	6322
			3000K	4958	6524
			3500K	5035	6625
			4000K	5227	6878
			5000K	5304	6979
	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
850mm	20W 24W	20W (Direct) - 250mA 24W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01 white
1130mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02 ral 9010
1410mm	30W 42W	30W (Direct) - 250mA 42W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03 black
1695mm	36W 50W	36W (Direct) - 250mA 50W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04 gray
1975mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K				05 dark gray
								06 special color

Narrow Track Mounted

Narrow Track Mounted / I02.LL.18182



* Code example / Kod örneği:

I02.LL.18182 . 1130 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi

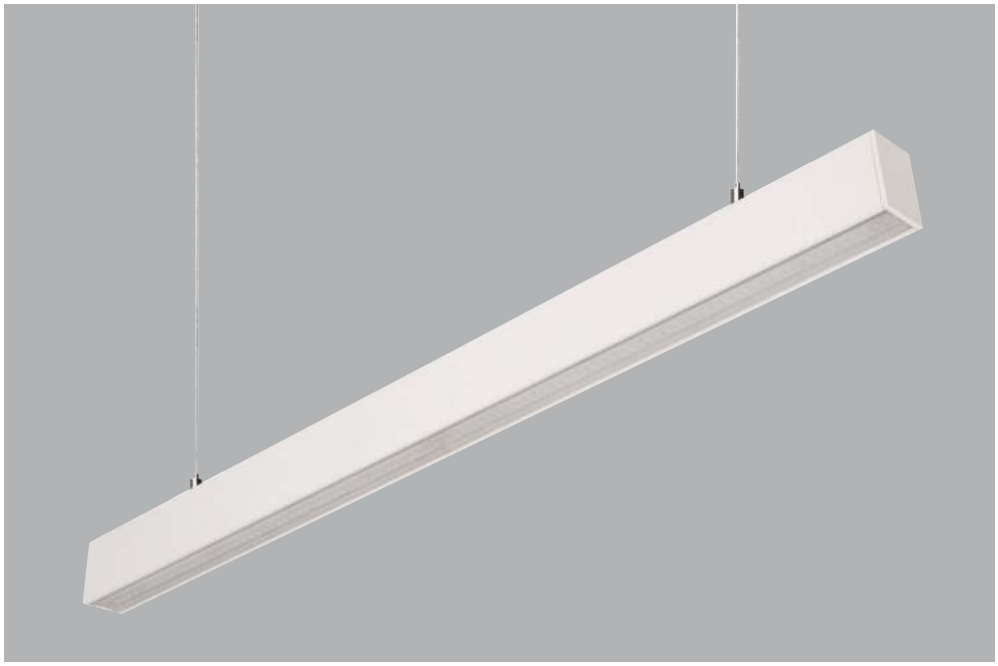


Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	24W 350mA lm
850mm	CRI>80	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	2118	2668
			3000K	2186	2753
			3500K	2220	2796
			4000K	2305	2903
			5000K	2339	2945
	CRI>90	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	1779	2241
			3000K	1830	2305
			3500K	1864	2348
			4000K	1932	2433
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1130mm	CRI>80	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	2578	3397
			3000K	2660	3506
			3500K	2702	3560
			4000K	2805	3696
			5000K	2846	3750
	CRI>90	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	2165	2853
			3000K	2227	2935
			3500K	2268	2989
			4000K	2351	3098
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1410mm	CRI>80	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	3292	4376
			3000K	3397	4516
			3500K	3450	4586
			4000K	3582	4761
			5000K	3635	4831
	CRI>90	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	2765	3675
			3000K	2844	3781
			3500K	2897	3851
			4000K	3002	3991
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**50W 350mA lm**
1695mm	CRI>80	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	4035	5340
			3000K	4164	5511
			3500K	4228	5596
			4000K	4390	5810
			5000K	4454	5895
	CRI>90	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	3389	4485
			3000K	3486	4614
			3500K	3551	4699
			4000K	3680	4870
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	4804	6322
			3000K	4958	6524
			3500K	5035	6625
			4000K	5227	6878
			5000K	5304	6979
	CRI>90	I02.LL.18182 . (...) . (...) . (...) . (...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
850mm	20W 24W	20W (Direct) - 250mA 24W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1130mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1410mm	30W 42W	30W (Direct) - 250mA 42W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
1695mm	36W 50W	36W (Direct) - 250mA 50W (Direct) - 350mA	840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
1975mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K		05	dark gray
						06	special color

Narrow Suspendant





* Code example / Kod örneği:

I02.LL.19284 . 1140 . 056 . 060 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord	Suspension Profile
Ray Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





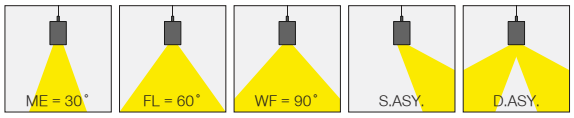
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

6 / Product Color / Ürün Renk

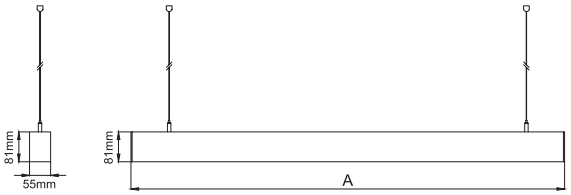


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19284.1140.056.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	55mm
Profile Height / Profil Yüksekliği	81mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>107lm/W
CRI	80
Light Distribution / Işık Dağılımı	Medium, Flood, Wide Flood, Single Asymmetric and Double Asymmetric / Orta, Geniş, Çok Geniş, Tek Asimetrik ve Çift Asimetrik
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Narrow Suspendant

Narrow Suspendant / I02.LL.19284

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19.5W 250mA lm	27W 350mA lm	39W 500mA lm	56W 700mA lm
1140mm	CRI>80	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	2179	2974	4116	5343
			3000K	2249	3069	4247	5691
			3500K	2283	3117	4313	5779
			4000K	2371	3236	4478	6000
			5000K	2406	3283	4544	6088
	CRI>90	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	1830	2498	3457	4632
			3000K	1883	2570	3556	4765
			3500K	1917	2617	3622	4853
			4000K	1987	2712	3753	5029
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	29W 250mA lm	41W 350mA lm	58W 500mA lm	82W 700mA lm
1700mm	CRI>80	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	3211	4378	6067	8125
			3000K	3314	4518	6261	8385
			3500K	3365	4588	6358	8515
			4000K	3494	4763	6601	8840
			5000K	3545	4833	6698	8970
	CRI>90	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	2697	3677	5096	6825
			3000K	2774	3782	5242	7020
			3500K	2826	3852	5339	7150
			4000K	2929	3992	5533	7410
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	39W 250mA lm	51W 350mA lm	78W 500mA lm	109W 700mA lm
2260mm	CRI>80	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	4356	5937	8228	11020
			3000K	4495	6127	8491	11372
			3500K	4565	6221	8623	11549
			4000K	4739	6459	8952	11989
			5000K	4809	6554	9084	12166
	CRI>90	I02.LL.19284 . (...) . (...) . (...) . (...)	2700K	3658	4986	6911	9256
			3000K	3763	5129	7109	9521
			3500K	3833	5224	7241	9697
			4000K	3972	5414	7504	10050

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1140mm	19.5W 19.5W (Direct) - 250mA	ME 30° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
	27W 27W (Direct) - 350mA	FL 60° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
	39W 39W (Direct) - 500mA	WF 90° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
	56W 56W (Direct) - 700mA	S.ASY. Single Asymmetric	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1700mm	29W 29W (Direct) - 250mA	D.ASY. Double Asymmetric	850	CRI>80 - 5000K			05	dark gray
	41W 41W (Direct) - 350mA						06	special color
	58W 58W (Direct) - 500mA							
	82W 82W (Direct) - 700mA							
2260mm	39W 39W (Direct) - 250mA							
	51W 51W (Direct) - 350mA							
	78W 78W (Direct) - 500mA							
	109W 109W (Direct) - 700mA							

Narrow Surface Mounted

Narrow Surface Mounted / I02.LL.19286



* Code example / Kod örneği:

I02.LL.19286 . 1140 . 056 . 060 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19.5W 250mA lm	27W 350mA lm	39W 500mA lm	56W 700mA lm
1140mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	2179	2974	4116	5343
			3000K	2249	3069	4247	5691
			3500K	2283	3117	4313	5779
			4000K	2371	3236	4478	6000
			5000K	2406	3283	4544	6088
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	1830	2498	3457	4632
			3000K	1883	2570	3556	4765
			3500K	1917	2617	3622	4853
			4000K	1987	2712	3753	5029
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**29W 250mA lm**	**41W 350mA lm**	**58W 500mA lm**	**82W 700mA lm**
1700mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	3211	4378	6067	8125
			3000K	3314	4518	6261	8385
			3500K	3365	4588	6358	8515
			4000K	3494	4763	6601	8840
			5000K	3545	4833	6698	8970
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	2697	3677	5096	6825
			3000K	2774	3782	5242	7020
			3500K	2826	3852	5339	7150
			4000K	2929	3992	5533	7410
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**39W 250mA lm**	**51W 350mA lm**	**78W 500mA lm**	**109W 700mA lm**
2260mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	4356	5937	8228	11020
			3000K	4495	6127	8491	11372
			3500K	4565	6221	8623	11549
			4000K	4739	6459	8952	11989
			5000K	4809	6554	9084	12166
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	3658	4986	6911	9256
			3000K	3763	5129	7109	9521
			3500K	3833	5224	7241	9697
			4000K	3972	5414	7504	10050

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
1140mm	19.5W 19.5W (Direct) - 250mA 27W 27W (Direct) - 350mA 39W 39W (Direct) - 500mA 56W 56W (Direct) - 700mA	ME 30° - Medium	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01 white
1700mm	29W 29W (Direct) - 250mA 41W 41W (Direct) - 350mA 58W 58W (Direct) - 500mA 82W 82W (Direct) - 700mA	FL 60° - Flood	830 CRI>80 - 3000K	930 CRI>90 - 3000K	02 ral 9010
2260mm	39W 39W (Direct) - 250mA 51W 51W (Direct) - 350mA 78W 78W (Direct) - 500mA 109W 109W (Direct) - 700mA	WF 90° - Wide Flood	835 CRI>80 - 3500K	935 CRI>90 - 3500K	03 black
		S.ASY. Single Asymmetric	840 CRI>80 - 4000K	940 CRI>90 - 4000K	04 gray
		D.ASY. Double Asymmetric	850 CRI>80 - 5000K		05 dark gray
					06 special color

Narrow Track Mounted

Narrow Track Mounted / I02.LL.19287



* Code example / Kod örneği:

I02.LL.19287 . 1140 . 056 . 060 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19.5W 250mA lm	27W 350mA lm	39W 500mA lm	56W 700mA lm
1140mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	2179	2974	4116	5343
			3000K	2249	3069	4247	5691
			3500K	2283	3117	4313	5779
			4000K	2371	3236	4478	6000
			5000K	2406	3283	4544	6088
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	1830	2498	3457	4632
			3000K	1883	2570	3556	4765
			3500K	1917	2617	3622	4853
			4000K	1987	2712	3753	5029
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**29W 250mA lm**	**41W 350mA lm**	**58W 500mA lm**	**82W 700mA lm**
1700mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	3211	4378	6067	8125
			3000K	3314	4518	6261	8385
			3500K	3365	4588	6358	8515
			4000K	3494	4763	6601	8840
			5000K	3545	4833	6698	8970
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	2697	3677	5096	6825
			3000K	2774	3782	5242	7020
			3500K	2826	3852	5339	7150
			4000K	2929	3992	5533	7410
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**39W 250mA lm**	**51W 350mA lm**	**78W 500mA lm**	**109W 700mA lm**
2260mm	CRI>80	I02.LL.19287 . (...) . (...) . (...)	2700K	4356	5937	8228	11020
			3000K	4495	6127	8491	11372
			3500K	4565	6221	8623	11549
			4000K	4739	6459	8952	11989
			5000K	4809	6554	9084	12166
	CRI>90	I02.LL.19287 . (...) . (...) . (...)	2700K	3658	4986	6911	9256
			3000K	3763	5129	7109	9521
			3500K	3833	5224	7241	9697
			4000K	3972	5414	7504	10050

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı
1140mm	19.5W 19.5W (Direct) - 250mA 27W 27W (Direct) - 350mA 39W 39W (Direct) - 500mA 56W 56W (Direct) - 700mA
1700mm	29W 29W (Direct) - 250mA 41W 41W (Direct) - 350mA 58W 58W (Direct) - 500mA 82W 82W (Direct) - 700mA
2260mm	39W 39W (Direct) - 250mA 51W 51W (Direct) - 350mA 78W 78W (Direct) - 500mA 109W 109W (Direct) - 700mA

4 Beam Angle / Işık Açısı		
ME	30° - Medium	
FL	60° - Flood	
WF	90° - Wide Flood	
S.ASY.	Single Asymmetric	
D.ASY.	Double Asymmetric	

5 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

6 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

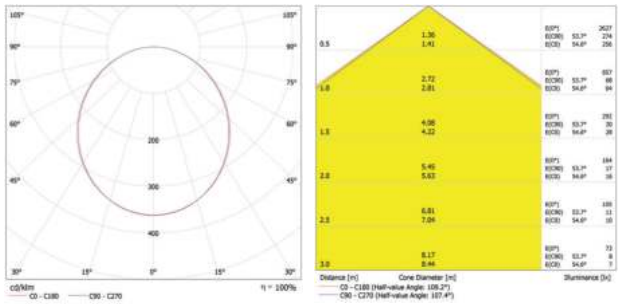
LDT Files / LDT Dataları


I02.LL.19180

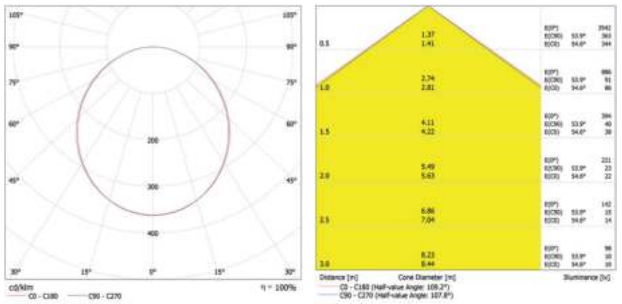

I02.LL.19181


I02.LL.19182

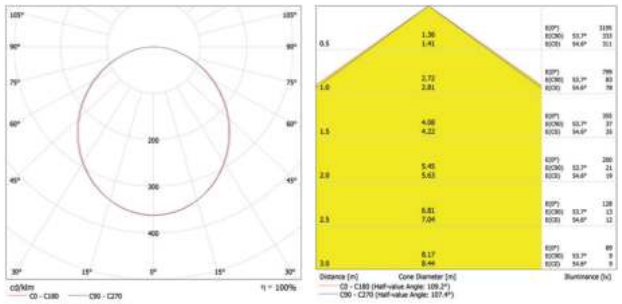
Beam Angle: 110° / 855mm — 20W / 250mA / SMD LED



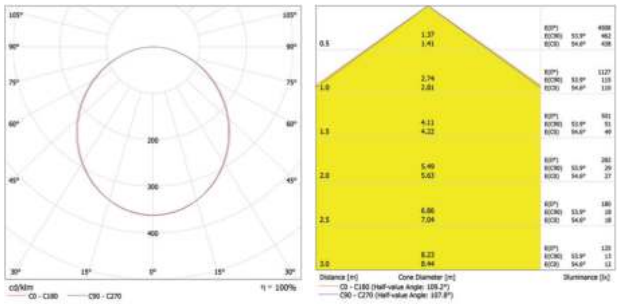
Beam Angle: 110° / 855mm — 27W / 350mA / SMD LED



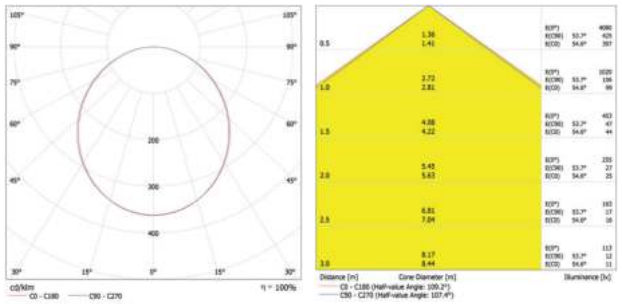
Beam Angle: 110° / 1135mm — 24W / 250mA / SMD LED



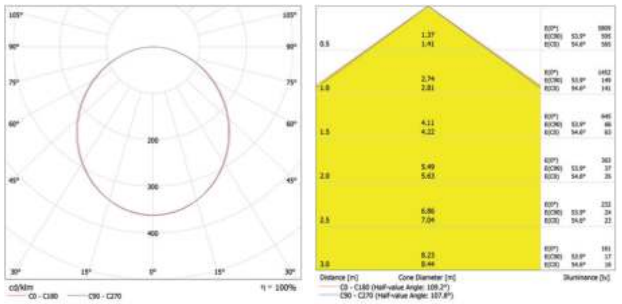
Beam Angle: 110° / 1135mm — 34W / 350mA / SMD LED



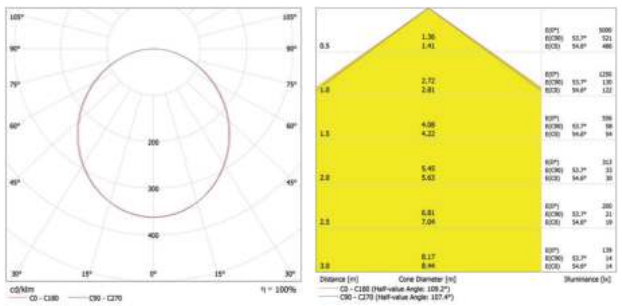
Beam Angle: 110° / 1415mm — 30W / 250mA / SMD LED



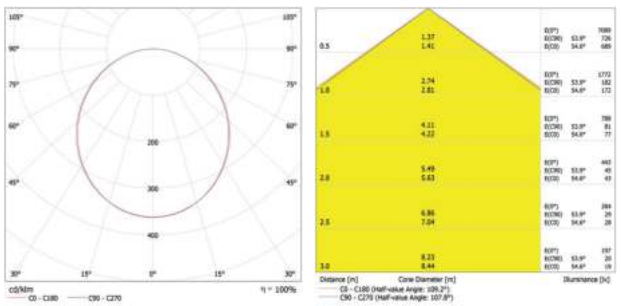
Beam Angle: 110° / 1415mm — 43W / 350mA / SMD LED



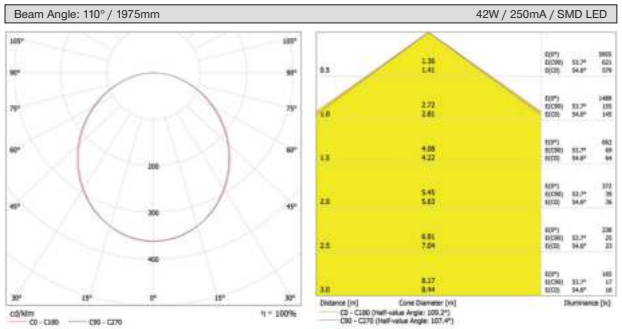
Beam Angle: 110° / 1695mm — 36W / 250mA / SMD LED



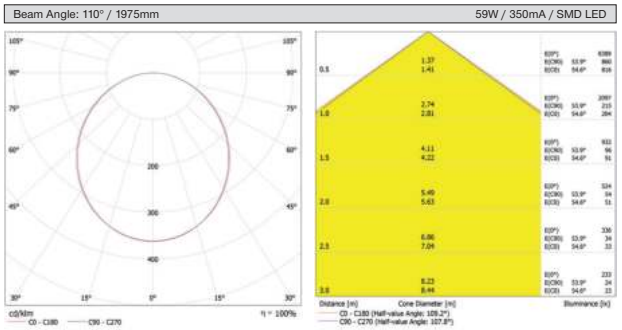
Beam Angle: 110° / 1695mm — 51W / 350mA / SMD LED



Beam Angle: 110° / 1975mm — 42W / 250mA / SMD LED



Beam Angle: 110° / 1975mm — 59W / 350mA / SMD LED

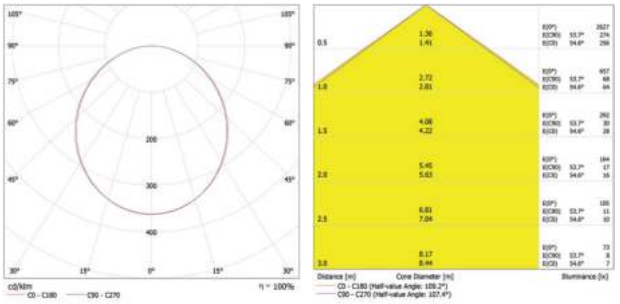


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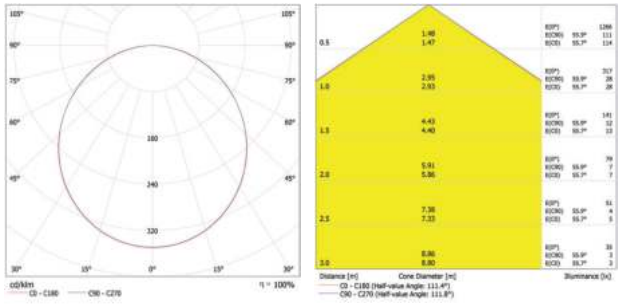


I02.LL.19183

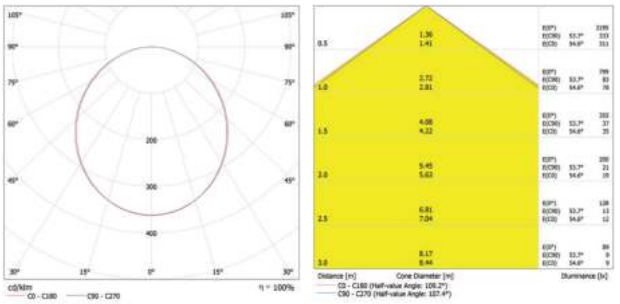
Beam Angle: 110° / 855mm — 20W / 250mA / Direct / SMD LED



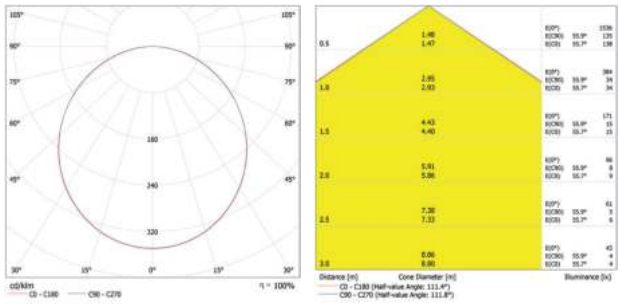
Beam Angle: 110° / 855mm — 10W / 250mA / Indirect / SMD LED



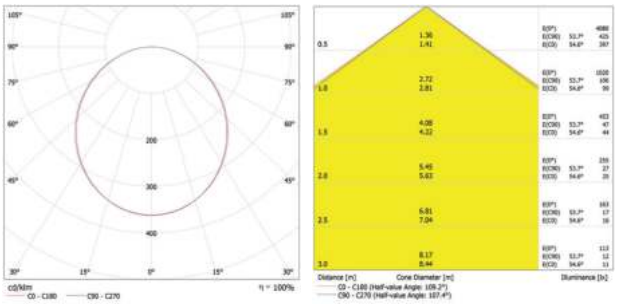
Beam Angle: 110° / 1135mm — 24W / 250mA / Direct / SMD LED



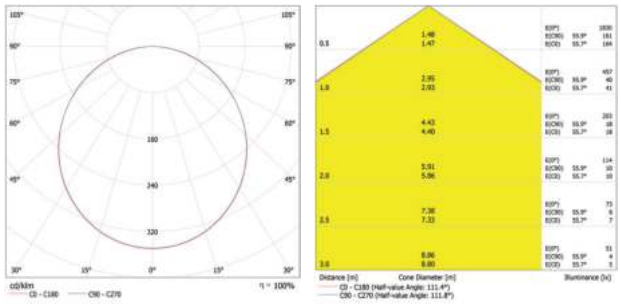
Beam Angle: 110° / 1135mm — 12W / 250mA / Indirect / SMD LED



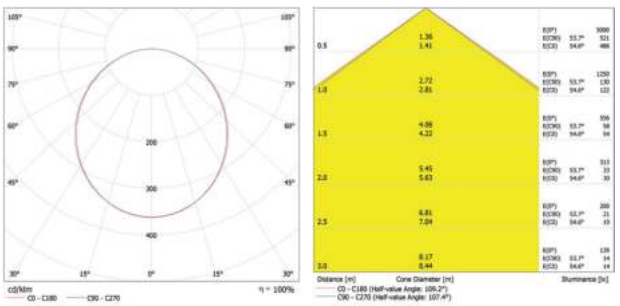
Beam Angle: 110° / 1415mm — 30W / 250mA / Direct / SMD LED



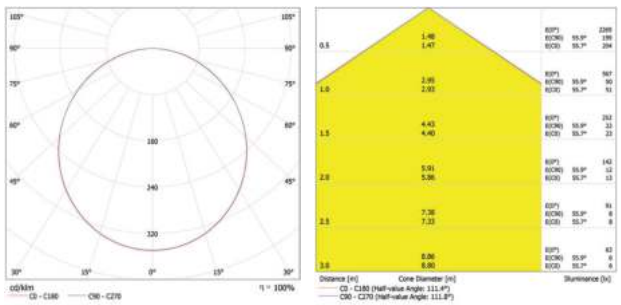
Beam Angle: 110° / 1415mm — 14W / 250mA / Indirect / SMD LED



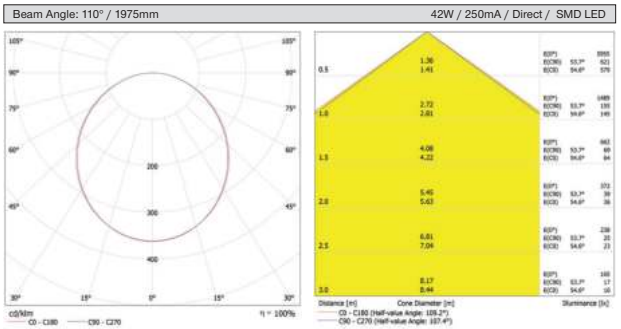
Beam Angle: 110° / 1695mm — 36W / 250mA / Direct / SMD LED



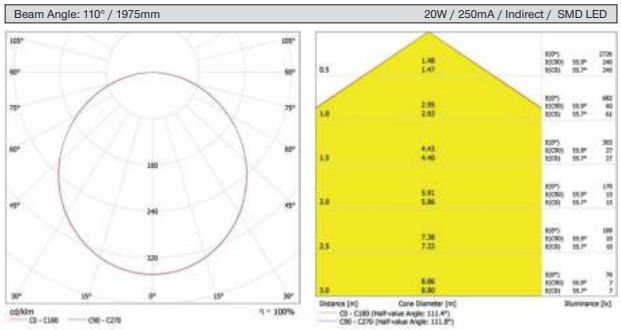
Beam Angle: 110° / 1695mm — 17W / 250mA / Indirect / SMD LED



Beam Angle: 110° / 1975mm — 42W / 250mA / Direct / SMD LED



Beam Angle: 110° / 1975mm — 20W / 250mA / Indirect / SMD LED

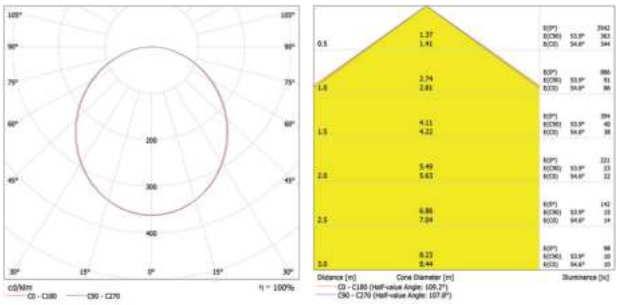


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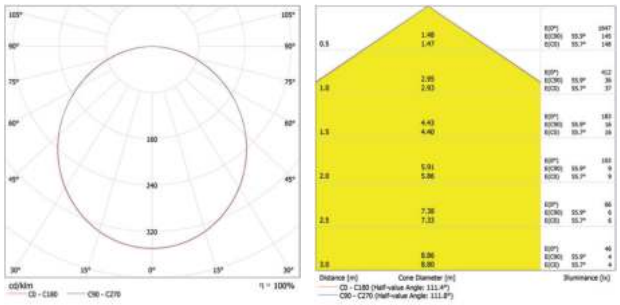


I02.LL.19183

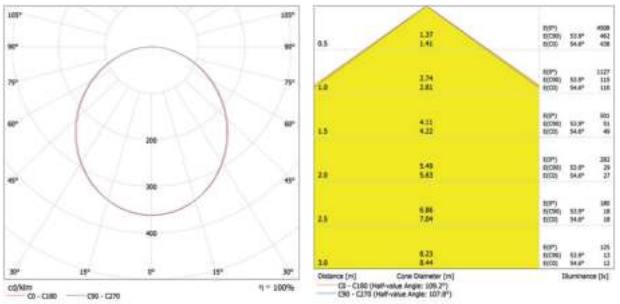
Beam Angle: 110° / 855mm	27W / 350mA / Direct / SMD LED



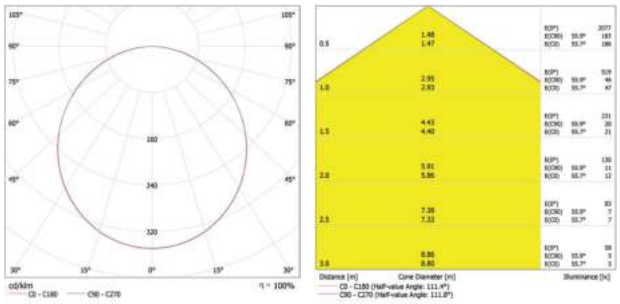
Beam Angle: 110° / 855mm	12W / 350mA / Indirect / SMD LED



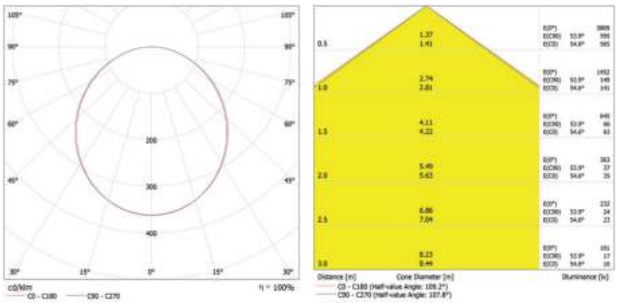
Beam Angle: 110° / 1135mm	34W / 350mA / Direct / SMD LED



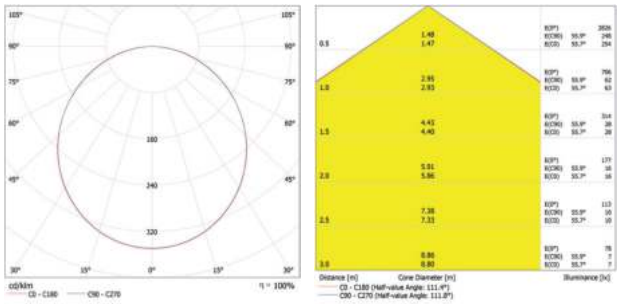
Beam Angle: 110° / 1135mm	15W / 350mA / Indirect / SMD LED



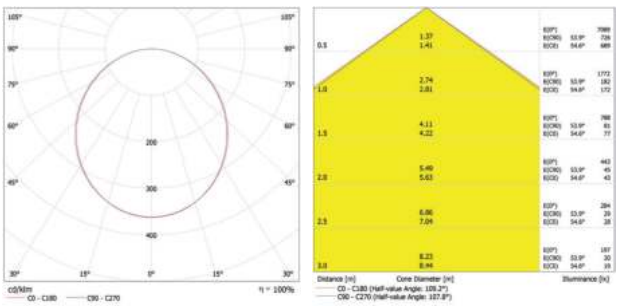
Beam Angle: 110° / 1415mm	43W / 350mA / Direct / SMD LED



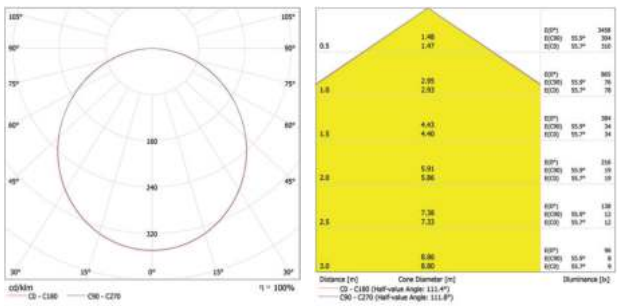
Beam Angle: 110° / 1415mm	20W / 350mA / Indirect / SMD LED



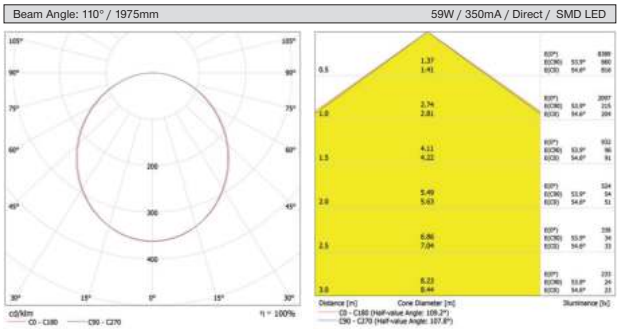
Beam Angle: 110° / 1695mm	51W / 350mA / Direct / SMD LED



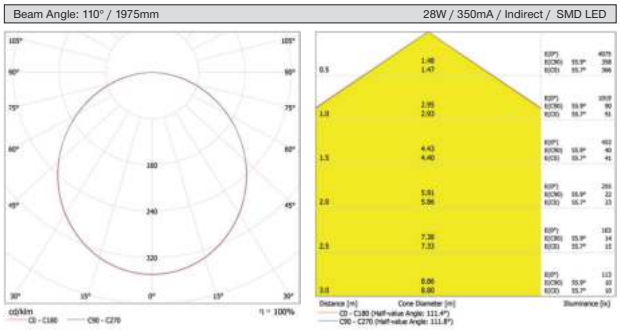
Beam Angle: 110° / 1695mm	24W / 350mA / Indirect / SMD LED



Beam Angle: 110° / 1975mm	59W / 350mA / Direct / SMD LED



Beam Angle: 110° / 1975mm	28W / 350mA / Indirect / SMD LED



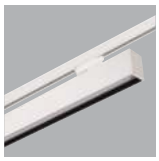
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I02.LL.19184

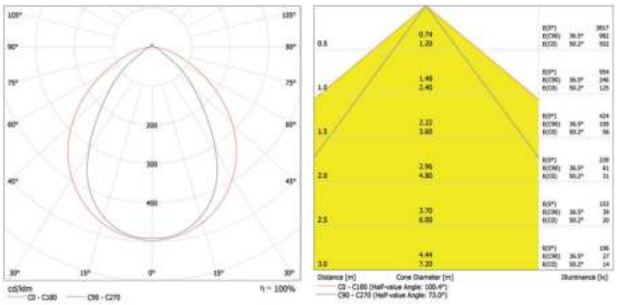


I02.LL.19186

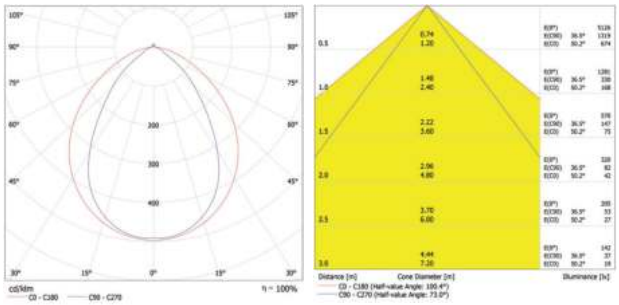


I02.LL.19187

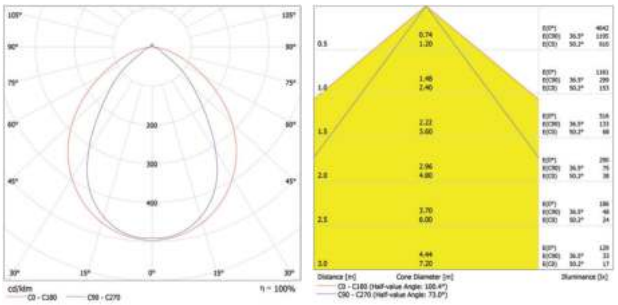
Beam Angle: 100° / 870mm — 20W / 250mA / SMD LED



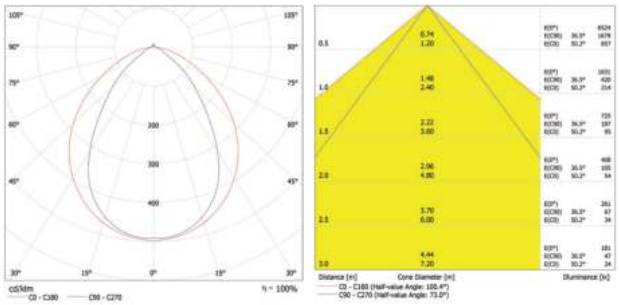
Beam Angle: 100° / 870mm — 25W / 350mA / SMD LED



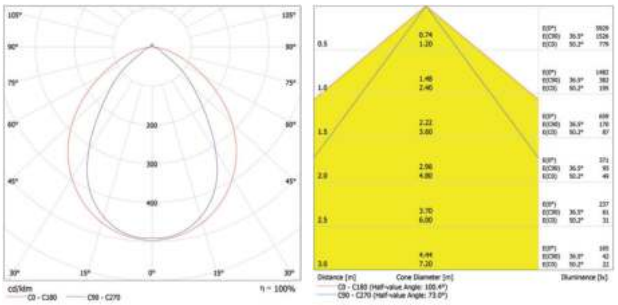
Beam Angle: 110° / 1150mm — 24W / 250mA / SMD LED



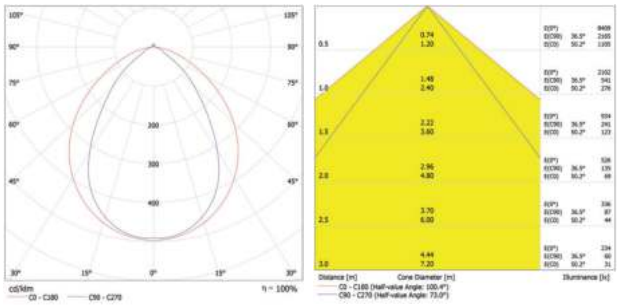
Beam Angle: 110° / 1150mm — 33W / 350mA / SMD LED



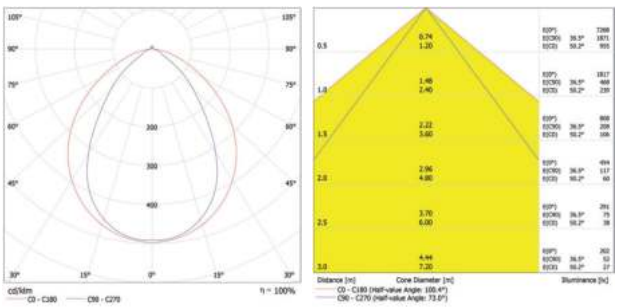
Beam Angle: 110° /1430mm — 30W / 250mA / SMD LED



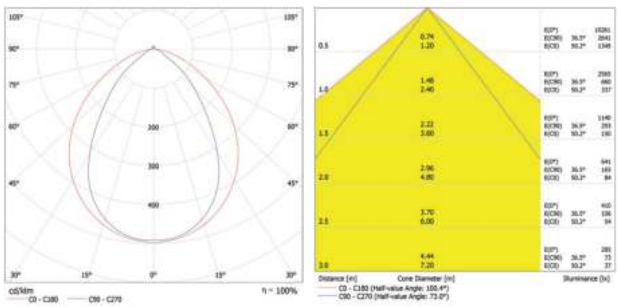
Beam Angle: 110° /1430mm — 43W / 350mA / SMD LED



Beam Angle: 110° / 1710mm — 36W / 250mA / SMD LED



Beam Angle: 110° / 1710mm — 51W / 350mA / SMD LED



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I02.LL.18180

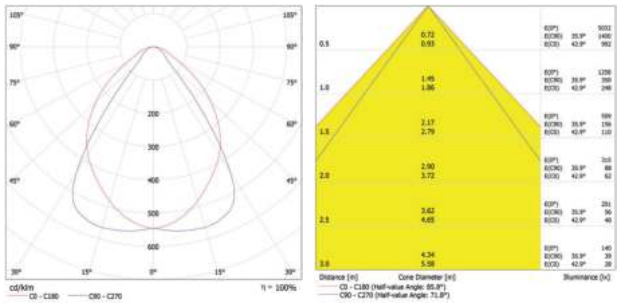


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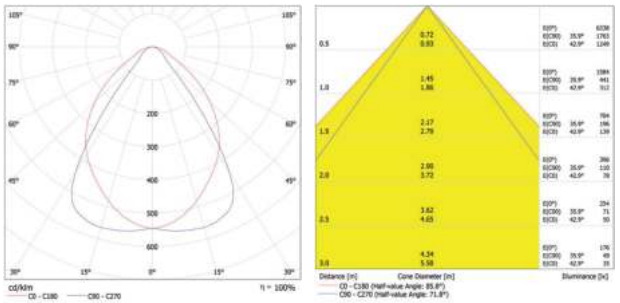


I02.LL.18182

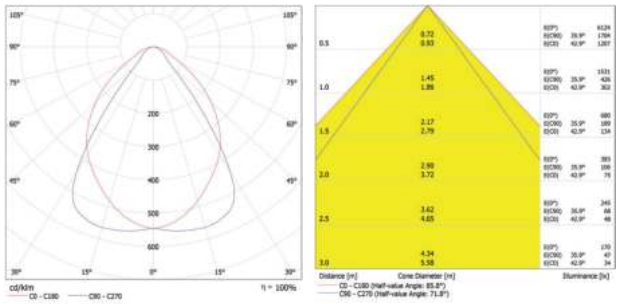
Beam Angle: 86° / 850mm — 20W / 250mA / SMD LED



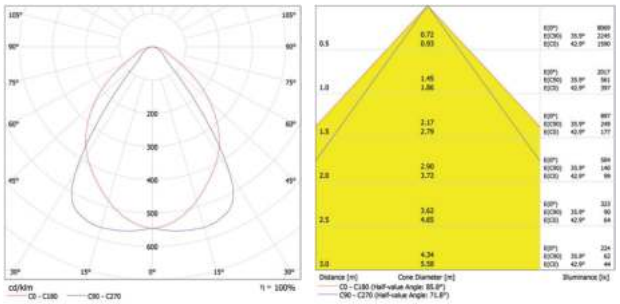
Beam Angle: 86° / 850mm — 24W / 350mA / SMD LED



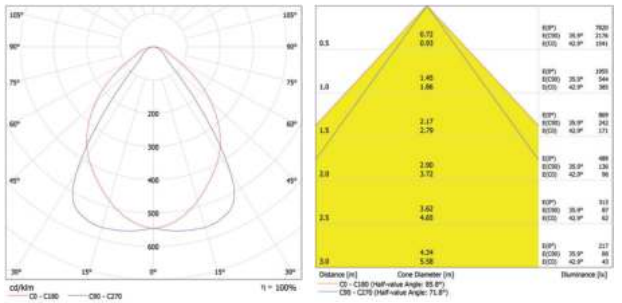
Beam Angle: 86° / 1130mm — 24W / 250mA / SMD LED



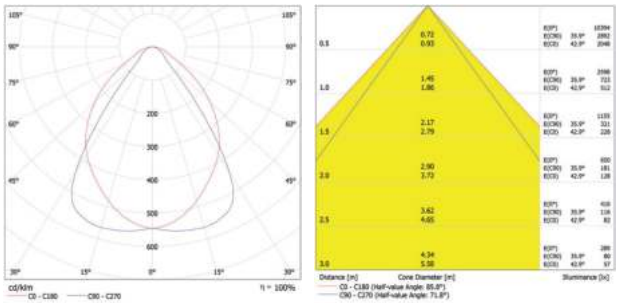
Beam Angle: 86° / 1130mm — 34W / 350mA / SMD LED



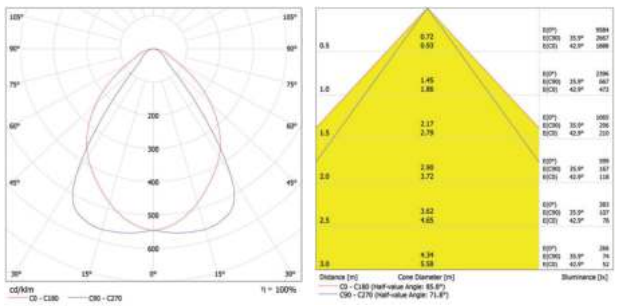
Beam Angle: 86° / 1410mm — 30W / 250mA / SMD LED



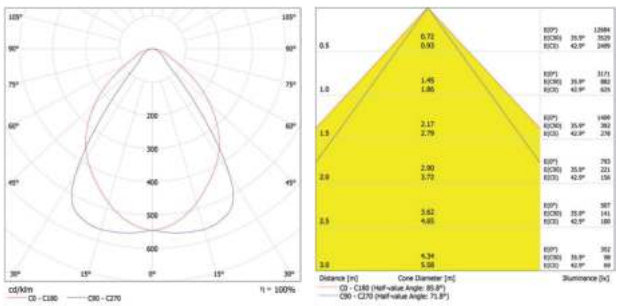
Beam Angle: 86° / 1410mm — 42W / 350mA / SMD LED



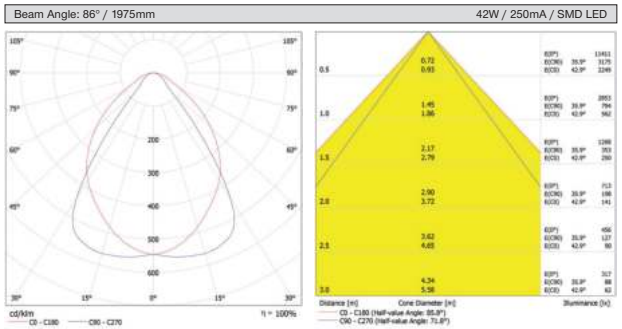
Beam Angle: 86° / 1695mm — 36W / 250mA / SMD LED



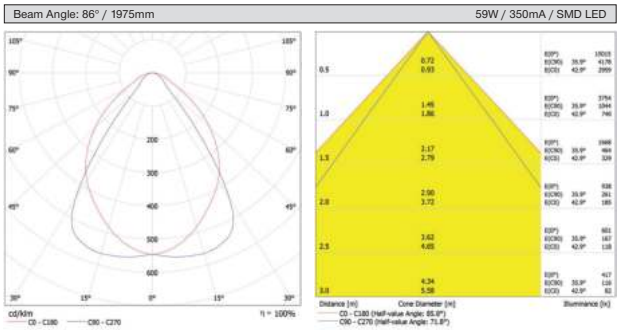
Beam Angle: 86° / 1695mm — 50W / 350mA / SMD LED



Beam Angle: 86° / 1975mm — 42W / 250mA / SMD LED



Beam Angle: 86° / 1975mm — 59W / 350mA / SMD LED



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I02.LL.19284

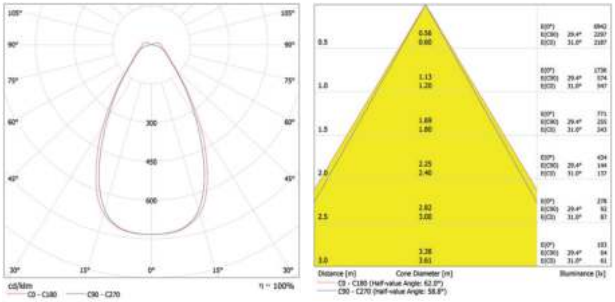


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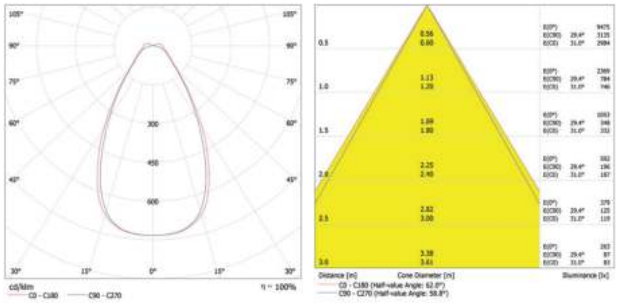


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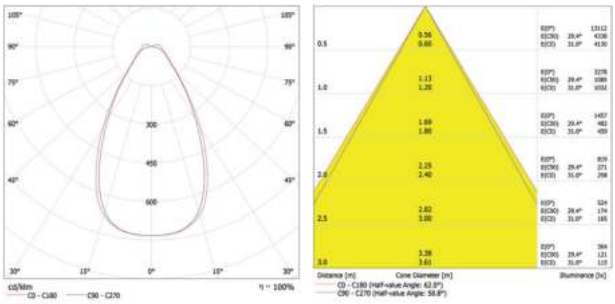
Beam Angle: 60° / 1140mm — 19.5W / 250mA / SMD LED



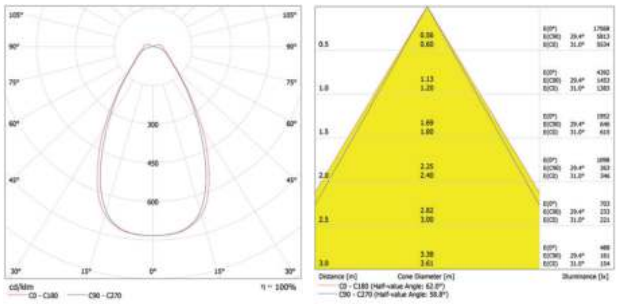
Beam Angle: 60° / 1140mm — 27W / 350mA / SMD LED



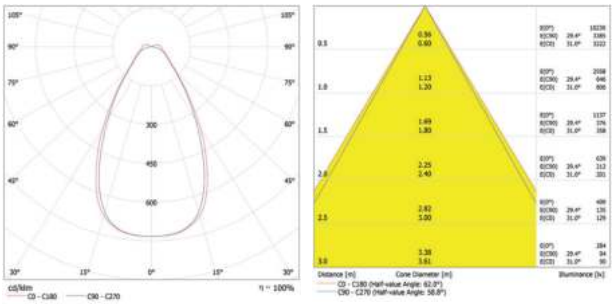
Beam Angle: 60° / 1140mm — 39W / 500mA / SMD LED



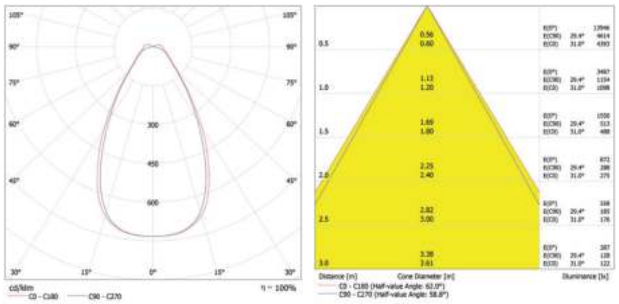
Beam Angle: 60° / 1140mm — 56W / 700mA / SMD LED



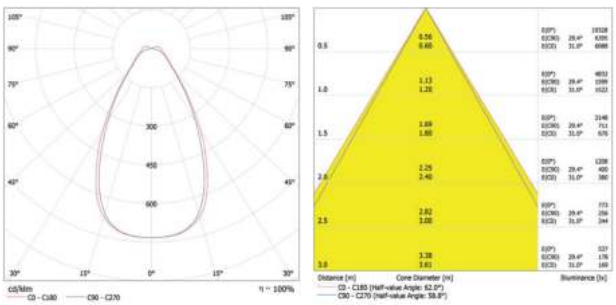
Beam Angle: 60° / 1700mm — 29W / 250mA / SMD LED



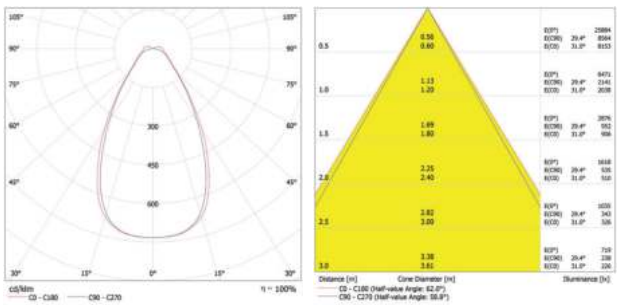
Beam Angle: 60° / 1700mm — 41W / 350mA / SMD LED



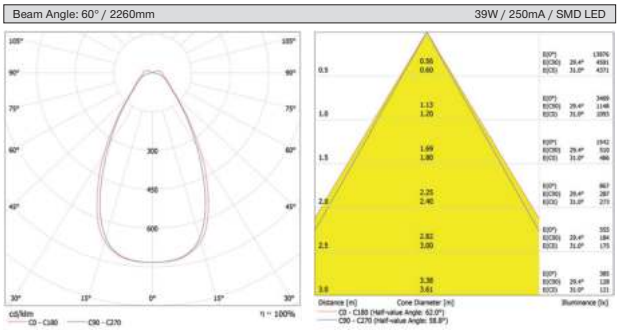
Beam Angle: 60° / 1700mm — 58W / 500mA / SMD LED



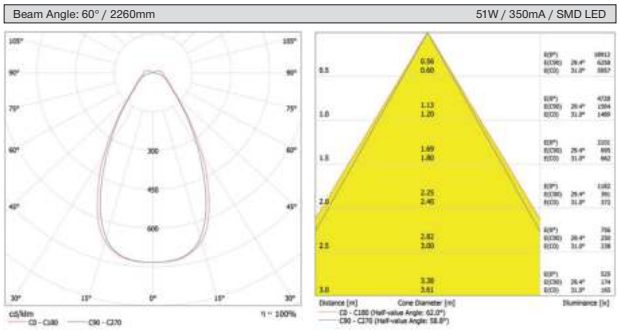
Beam Angle: 60° / 1700mm — 82W / 700mA / SMD LED



Beam Angle: 60° / 2260mm — 39W / 250mA / SMD LED



Beam Angle: 60° / 2260mm — 51W / 350mA / SMD LED



LDT Files / LDT Dataları



I02.LL.19284

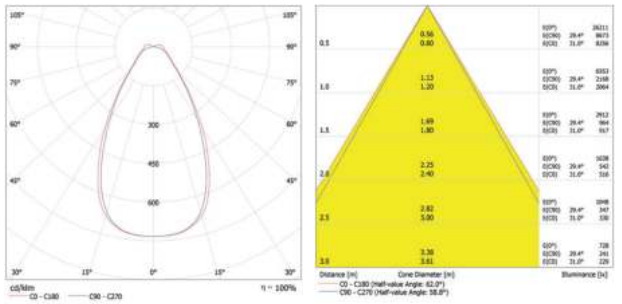


I02.LL.19286

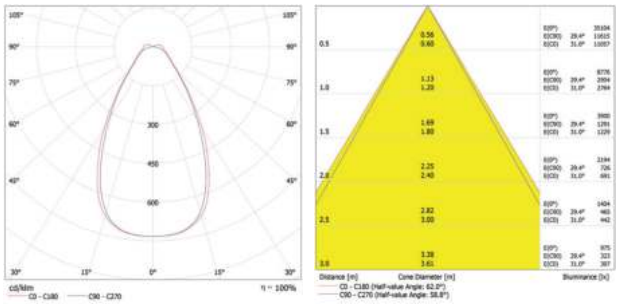


I02.LL.19287

Beam Angle: 60° / 2260mm	78W / 500mA / SMD LED



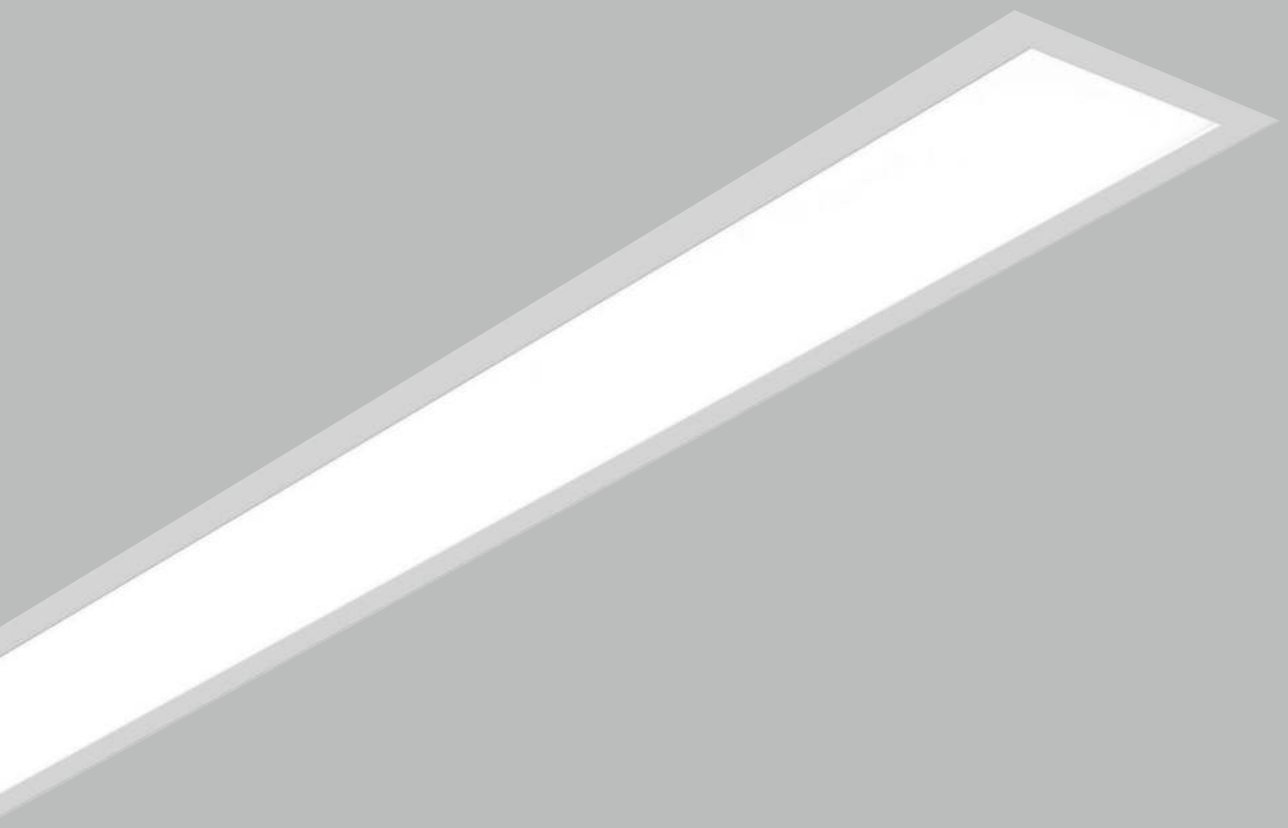
Beam Angle: 60° / 2260mm	109W / 700mA / SMD LED





NARROW RECESSED Linea Led





NARROW RECESSED is an ideal solution for office lighting. Minimalist profile enables this product widely preferred in various spaces. Opal diffuser reduce glare and enables homogen light output

Inclusive and covers, practical recess accesories, easy screw fastening of concrete recessed housing on formwork panel. Installation depth of the luminaire is only 75mm.

2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options.

1-10V, DALI and wireless tunable dim selections increases the functionality of the luminaire.

NARROW RECESSED ofis aydınlatma çözümleri için ideal çözümler sunar. Minimalist gövde kesit yapısı sayesinde mimarlar tarafından sıkça tercih edilmektedir.

Armatürün opal diffüzör kapağı kamaşmayı azalttığı gibi aynı zamanda homojen bir ışık çıkışı sağlar. Tavana gömme montaj aparatları sayesinde uygulaması pratiktir. Tavan içi derinliği sadece 75mm'dir.

2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir.

1-10V, DALI ve kablosuz renk değiştirme dim seçenekleri armatürün fonksyonelliğni artırır.

Narrow Recessed

DIM Options / DIM seçenekleri

		 Narrow Recessed	Narrow Recessed
ON-OFF		•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH		
1-10V DIM	Ext.Code / Kod: .VO	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM		
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its NARROW RECESSED linear range that provides easy control and saves time on wiring during installation.

Avolux NARROW RECESSED serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Narrow Recessed linear range.

Avolux Narrow Recessed serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Narrow Recessed

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its NARROW RECESSED linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

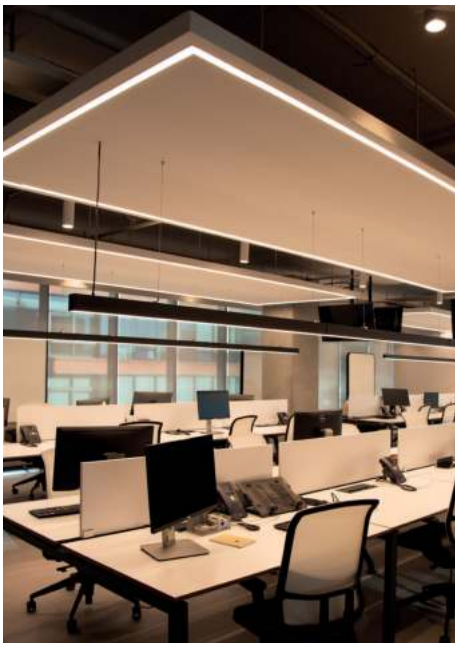
Avolux NARROW RECESSED serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.

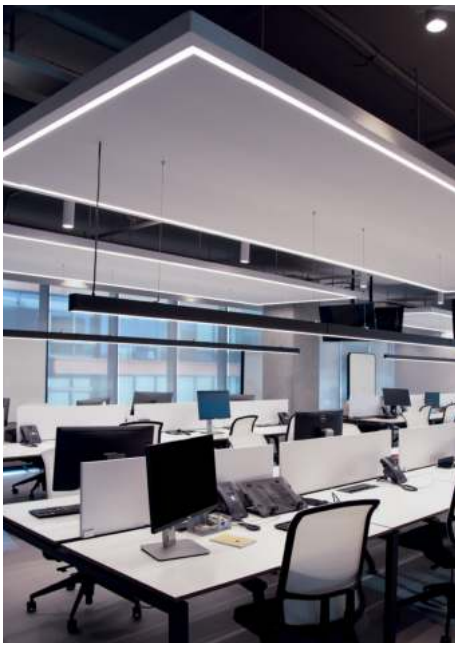


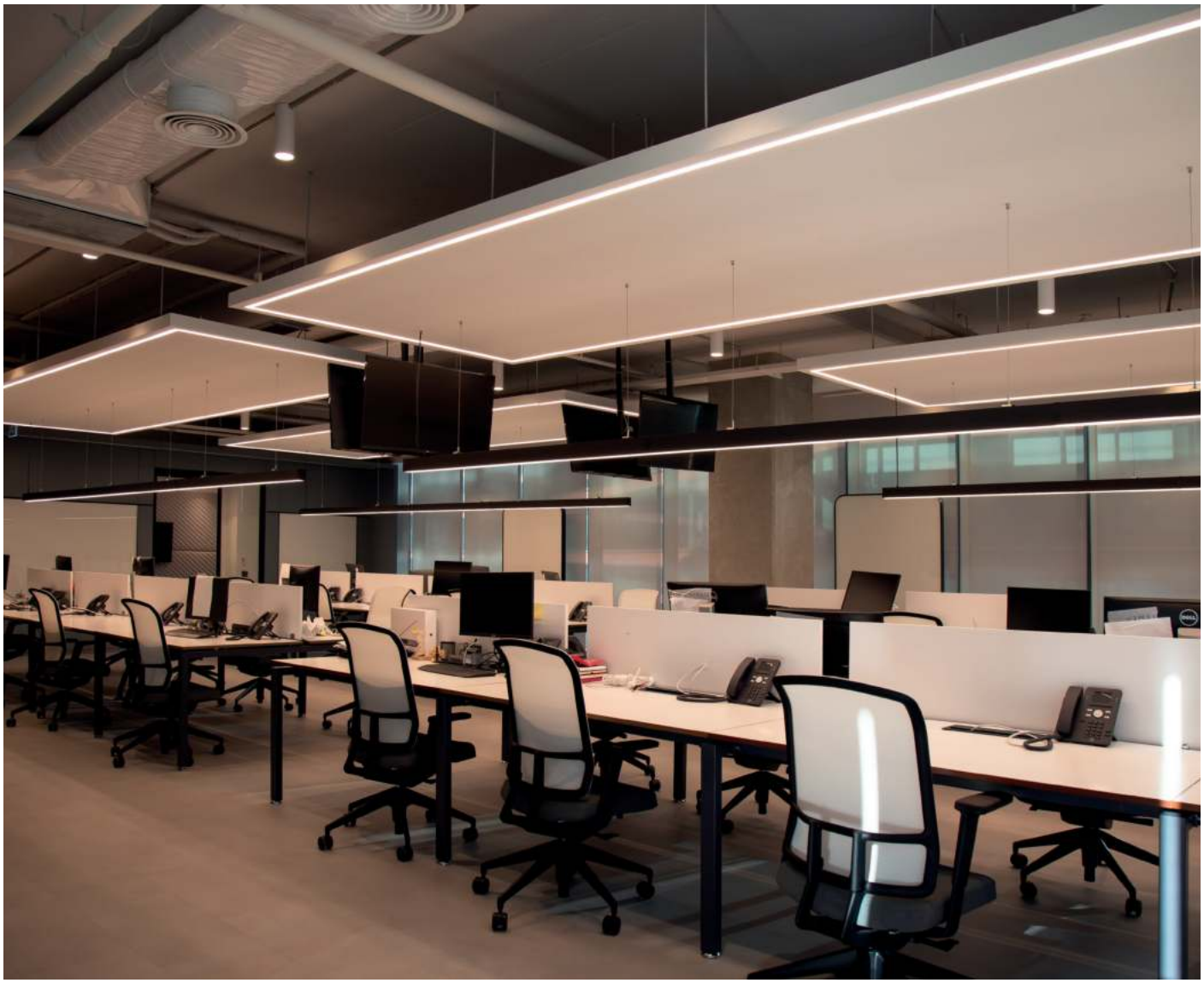
Android & İOS



Xpress





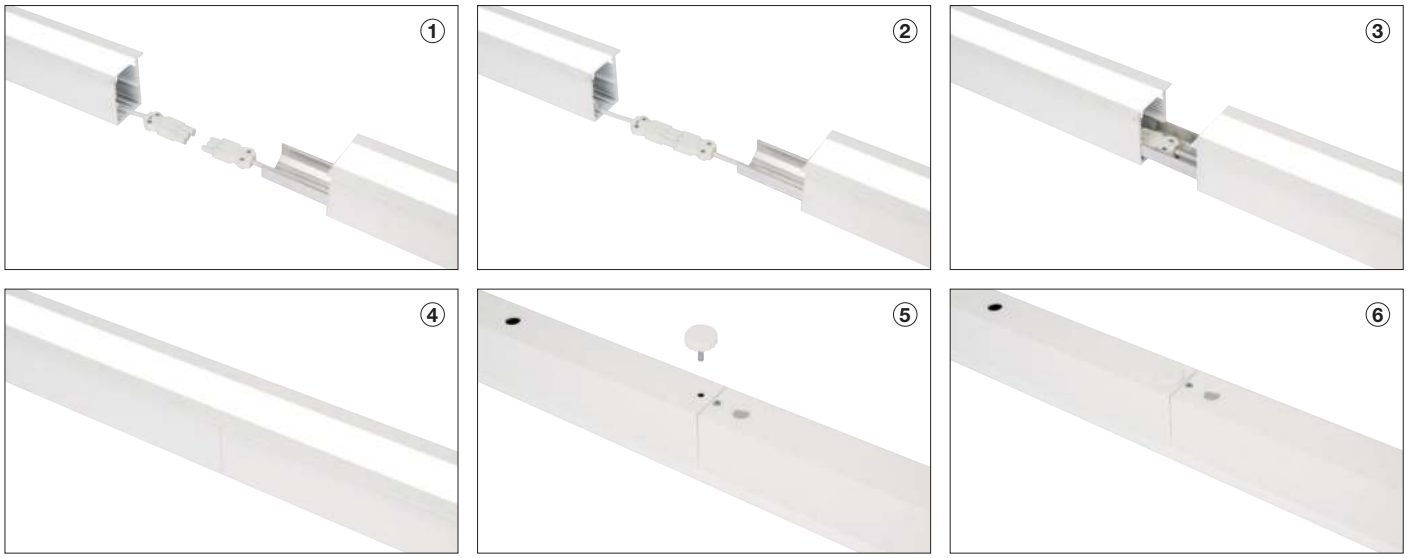


Narrow Recessed

Continious Mounting / Kesintisiz Montaj

The wiring of the NARROW RECESSED enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wieland connector is being used with options of 3-pole for standard on/off single phase, 5-pole for three phase and dimmable applications. Connection profile mounted at the end of each line provides rigid connection between two profiles.

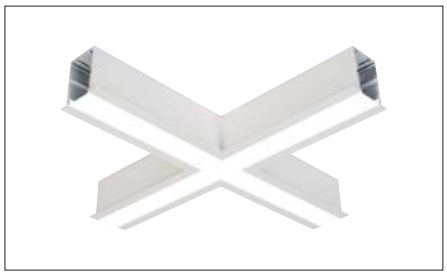
NARROW RECESSED'in sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa tek fazlı seçeneği için 3'lü, üç fazlı ve dim edebilme özelliği için 5'li wieland seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur.



Extra Mounting Accesories / Ekstra Bağlantı Aksesuarları

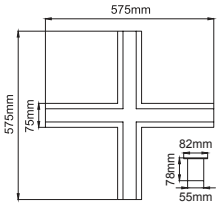
For different linear configurations, accessories with special connectors of X, T and L available with connection profile elements that gives flexibility to create different linear shapes.

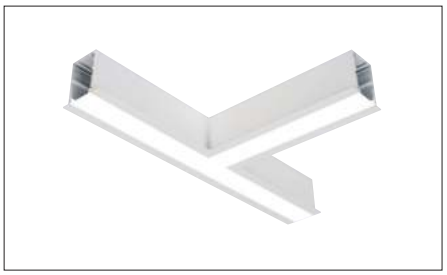
Farklı lineer hat konfigurasyonları için, X, T ve L şeklinde bağlantı profili seçenekleri mevcuttur. Bu aksesuarlar farklı şekildeki uygulamalar için esneklik sağlar.



Plus connection profile that enables linear line connection in four directions.

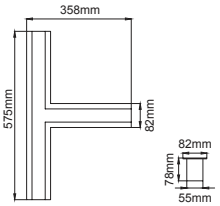
Artı bağlantı profili kesintisiz lineer hat uygulamalarında dört yöne bağlantı sağlar.





T connection profile that enables linear line connection in three directions.

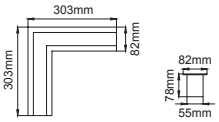
T bağlantı profili kesintisiz lineer hat uygulamalarında üç yöne bağlantı sağlar.





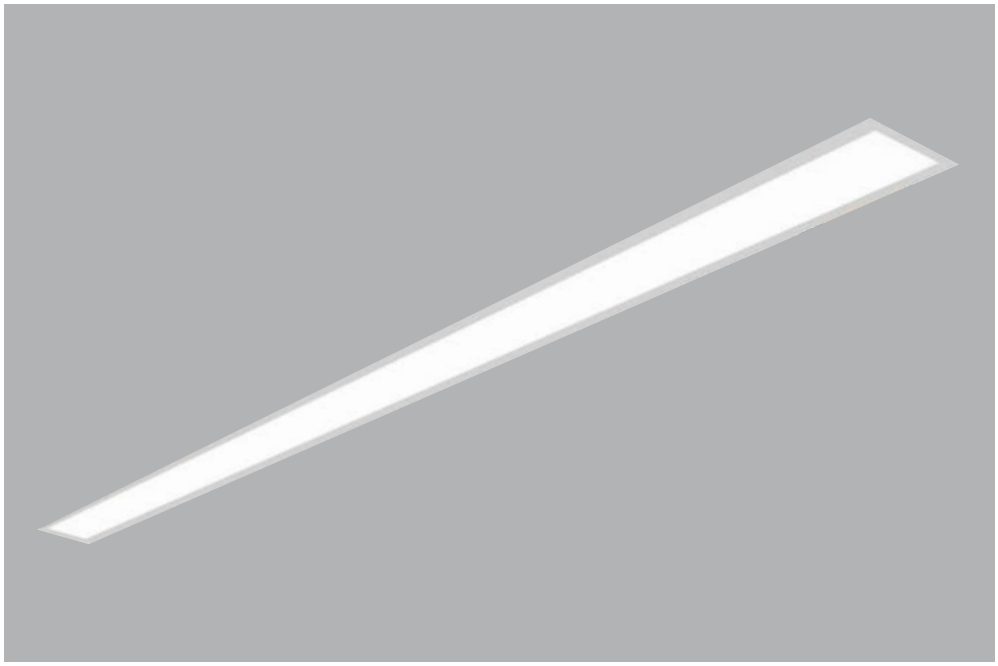
L connection profile that enables linear line connection in two directions.

L bağlantı profili kesintisiz lineer hat uygulamalarında iki yöne bağlantı sağlar.




K6

Narrow Recessed





* Code example / Kod örneği:

I02.LL.19185 . 1162 . 034 . 830 . 01

1 2 3 4 5

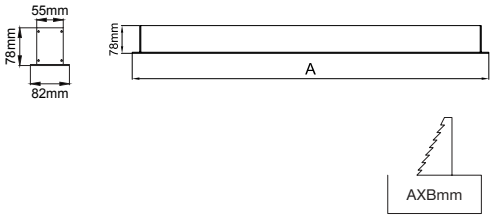
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19185.1162.034.830.01
Family Name / Aile Adı	Narrow Recessed
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	82mm
Profile Height / Profil Yüksekliği	78mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>72lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Narrow Recessed

Narrow Recessed / I02.LL.19185

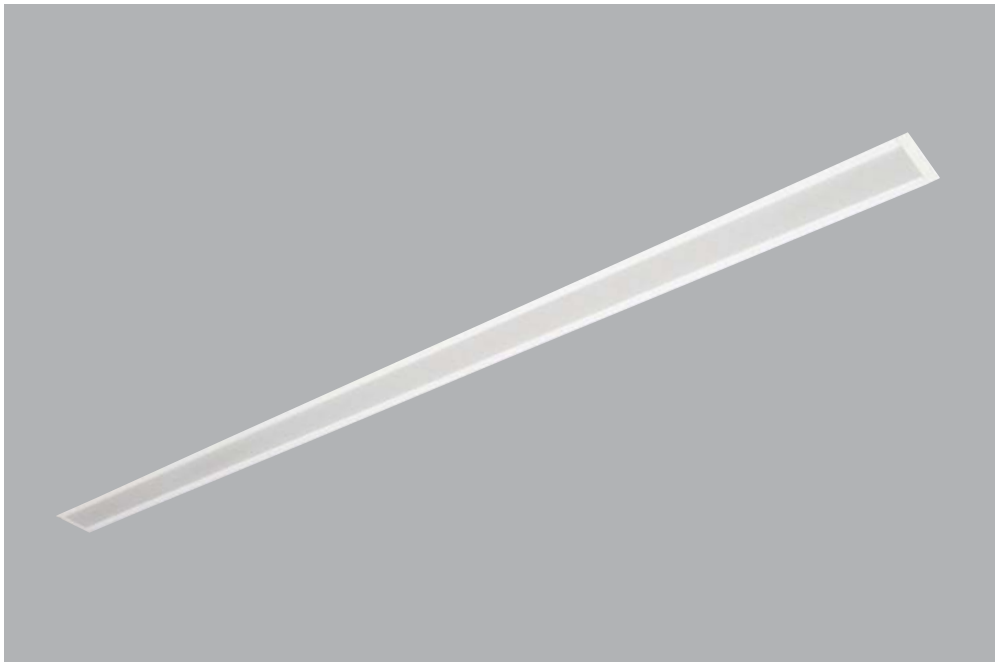
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	18W 250mA lm	25W 350mA lm
882mm	CRI>80	I02.LL.19185.(...).(...).(...).(...)	2700K	1396	1758
			3000K	1440	1814
			3500K	1463	1842
			4000K	1519	1913
			5000K	1541	1941
	CRI>90	I02.LL.19185.(...).(...).(...).(...)	2700K	1172	1477
			3000K	1206	1519
			3500K	1228	1547
			4000K	1273	1603
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1162mm	CRI>80	I02.LL.19185.(...).(...).(...).(...)	2700K	1698	2238
			3000K	1753	2309
			3500K	1780	2345
			4000K	1848	2435
			5000K	1875	2471
	CRI>90	I02.LL.19185.(...).(...).(...).(...)	2700K	1426	1880
			3000K	1467	1933
			3500K	1494	1969
			4000K	1549	2041
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1442mm	CRI>80	I02.LL.19185.(...).(...).(...).(...)	2700K	2169	2883
			3000K	2238	2975
			3500K	2273	3012
			4000K	2360	3137
			5000K	2394	3183
	CRI>90	I02.LL.19185.(...).(...).(...).(...)	2700K	1822	2422
			3000K	1874	2491
			3500K	1909	2537
			4000K	1978	2629
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	50W 350mA lm
1722mm	CRI>80	I02.LL.19185.(...).(...).(...).(...)	2700K	2658	3518
			3000K	2743	3631
			3500K	2785	3687
			4000K	2892	3828
			5000K	2934	3884
	CRI>90	I02.LL.19185.(...).(...).(...).(...)	2700K	2232	2955
			3000K	2296	3040
			3500K	2339	3096
			4000K	2424	3209
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
2002mm	CRI>80	I02.LL.19185.(...).(...).(...).(...)	2700K	3165	4164
			3000K	3266	4298
			3500K	3317	4364
			4000K	3444	4531
			5000K	3494	4598
	CRI>90	I02.LL.19185.(...).(...).(...).(...)	2700K	2659	3498
			3000K	2735	3598
			3500K	2785	3665
			4000K	2887	3798

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin			
882mm	65x862mm	18W 25W	18W (Direct) - 250mA 25W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K
1162mm	65x1142mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K
1442mm	65x1424mm	30W 42W	30W (Direct) - 250mA 42W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K
1722mm	65x1702mm	36W 50W	36W (Direct) - 250mA 50W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K
2002mm	65x1982mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Narrow Recessed





* Code example / Kod örneği:

I02.LL.19190 . 1140 . 034 . 830 . 01

1 2 3 4 5

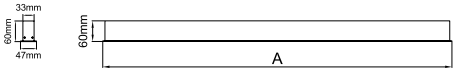
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

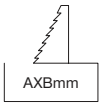
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim





Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19190.1162.034.830.01
Family Name / Aile Adı	Narrow Recessed
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	47mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>63lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Narrow Recessed

Narrow Recessed / I02.LL.19190

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
860mm	CRI>80	I02.LL.19190.(...).(...).(...).(...)	2700K	1233	1553
			3000K	1273	1603
			3500K	1292	1627
			4000K	1342	1690
			5000K	1361	1715
	CRI>90	I02.LL.19190.(...).(...).(...).(...)	2700K	1036	1304
			3000K	1065	1342
			3500K	1085	1367
			4000K	1124	1416
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1140mm	CRI>80	I02.LL.19190.(...).(...).(...).(...)	2700K	1501	1977
			3000K	1549	2040
			3500K	1573	2072
			4000K	1633	2151
			5000K	1657	2182
	CRI>90	I02.LL.19190.(...).(...).(...).(...)	2700K	1260	1660
			3000K	1296	1708
			3500K	1320	1739
			4000K	1368	1803
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1420mm	CRI>80	I02.LL.19190.(...).(...).(...).(...)	2700K	1916	2548
			3000K	1977	2629
			3500K	2008	2670
			4000K	2085	2772
			5000K	2115	2813
	CRI>90	I02.LL.19190.(...).(...).(...).(...)	2700K	1609	2140
			3000K	1655	2201
			3500K	1686	2242
			4000K	1747	2323
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1700mm	CRI>80	I02.LL.19190.(...).(...).(...).(...)	2700K	2348	3109
			3000K	2423	3209
			3500K	2461	3258
			4000K	2555	3383
			5000K	2592	3433
	CRI>90	I02.LL.19190.(...).(...).(...).(...)	2700K	1972	2612
			3000K	2029	2686
			3500K	2066	2736
			4000K	2141	2835
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1980mm	CRI>80	I02.LL.19190.(...).(...).(...).(...)	2700K	2797	3680
			3000K	2886	3798
			3500K	2931	3857
			4000K	3043	4004
			5000K	3088	4063
	CRI>90	I02.LL.19190.(...).(...).(...).(...)	2700K	2349	3091
			3000K	2416	3179
			3500K	2461	3238
			4000K	2550	3356

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin			
860mm	38x855mm	20W 27W	20W (Direct) - 250mA 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K
1140mm	38x1135mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K
1420mm	38x1415mm	30W 42W	30W (Direct) - 250mA 42W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K
1700mm	38x1695mm	36W 51W	26W (Direct) - 250mA 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K
1980mm	38x1975mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K		

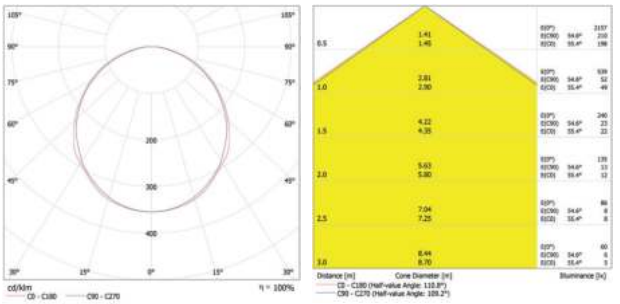
5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

LDT Files / LDT Dataları

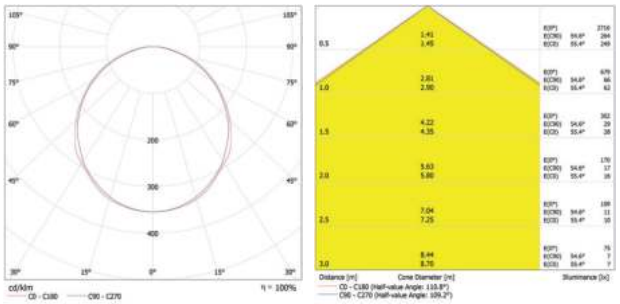


I02.LL.19185

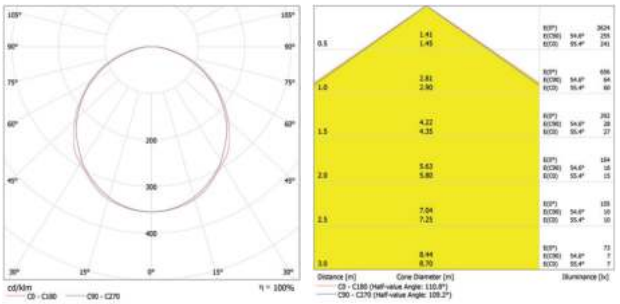
Beam Angle: 111° / 882mm — 20W / 250mA / SMD LED



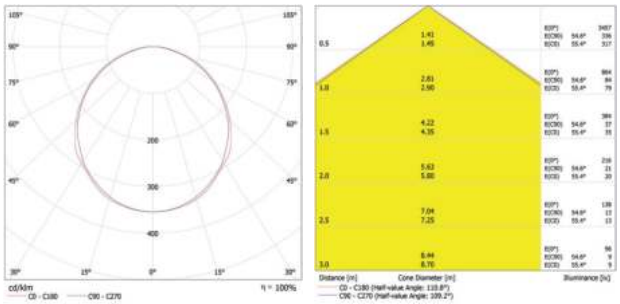
Beam Angle: 111° / 882mm — 25W / 350mA / SMD LED



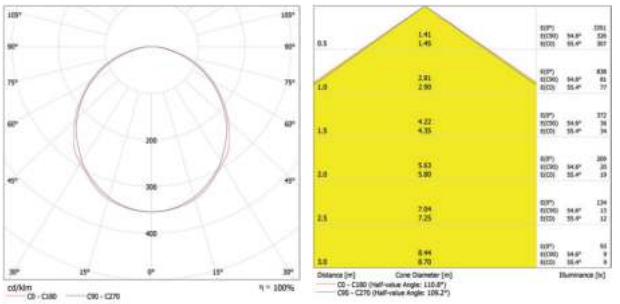
Beam Angle: 111° / 1162mm — 24W / 250mA / SMD LED



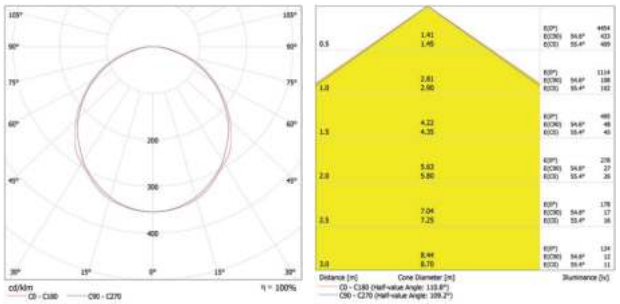
Beam Angle: 111° / 1162mm — 34W / 350mA / SMD LED



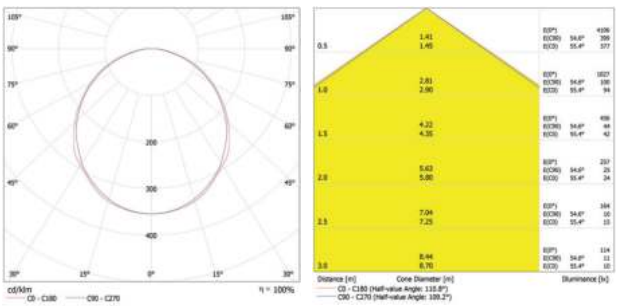
Beam Angle: 111° / 1442mm — 30W / 250mA / SMD LED



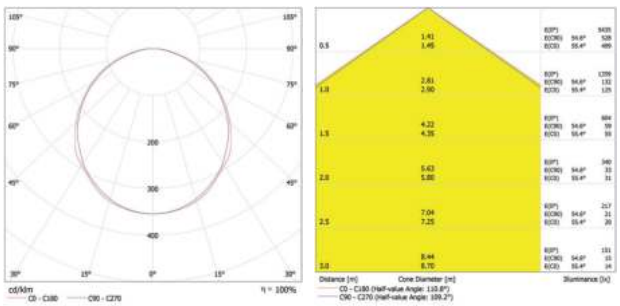
Beam Angle: 111° / 1442mm — 42W / 350mA / SMD LED



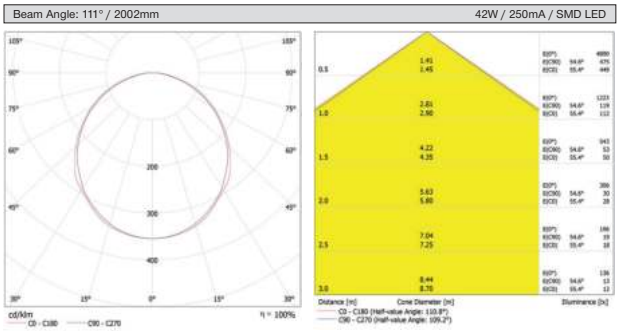
Beam Angle: 111° / 1722mm — 36W / 250mA / SMD LED



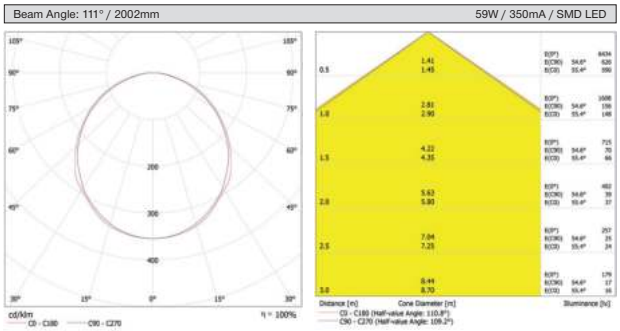
Beam Angle: 111° / 1722mm — 50W / 350mA / SMD LED



Beam Angle: 111° / 2002mm — 42W / 250mA / SMD LED



Beam Angle: 111° / 2002mm — 59W / 350mA / SMD LED

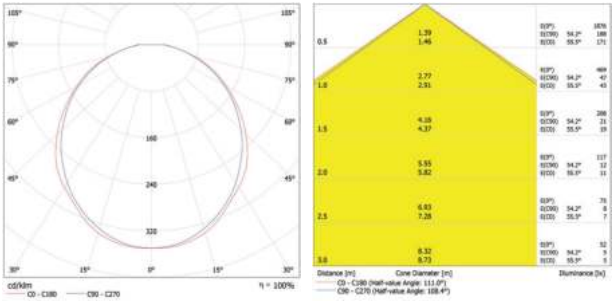


LDT Files / LDT Dataları

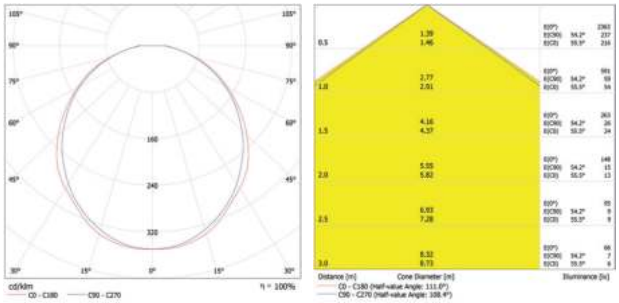


I02.LL.19190

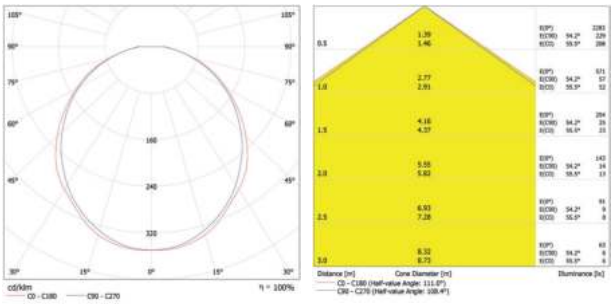
Beam Angle: 111° / 860mm — 20W / 250mA / SMD LED



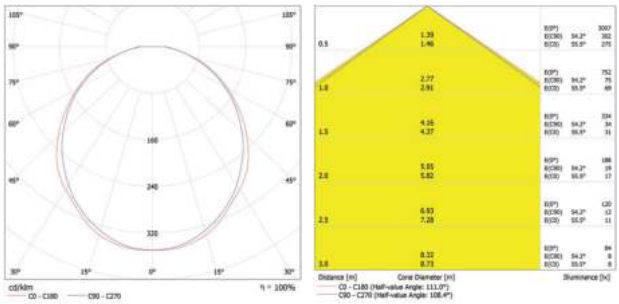
Beam Angle: 111° / 860mm — 27W / 350mA / SMD LED



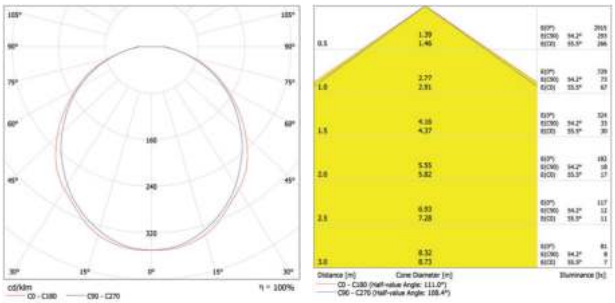
Beam Angle: 111° / 1140mm — 24W / 250mA / SMD LED



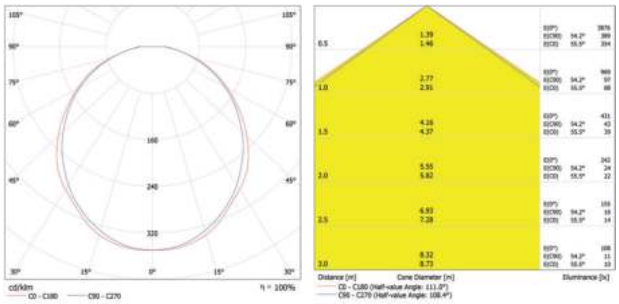
Beam Angle: 111° / 1140mm — 34W / 350mA / SMD LED



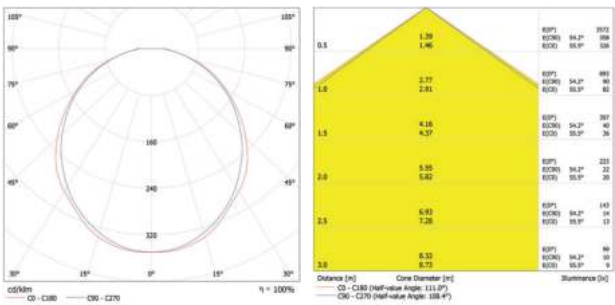
Beam Angle: 111° / 1420mm — 30W / 250mA / SMD LED



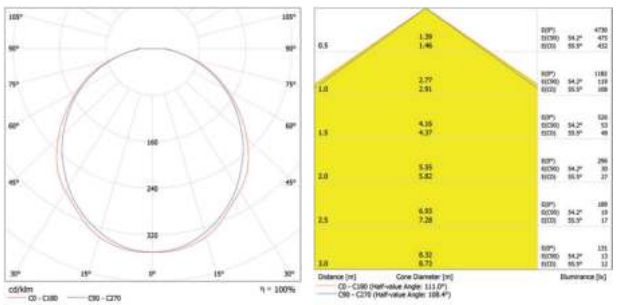
Beam Angle: 111° / 1420mm — 42W / 350mA / SMD LED



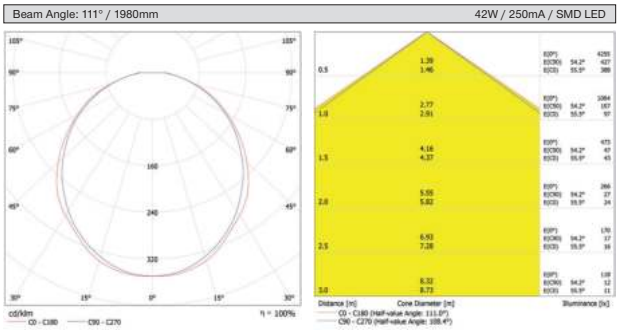
Beam Angle: 111° / 1700mm — 36W / 250mA / SMD LED



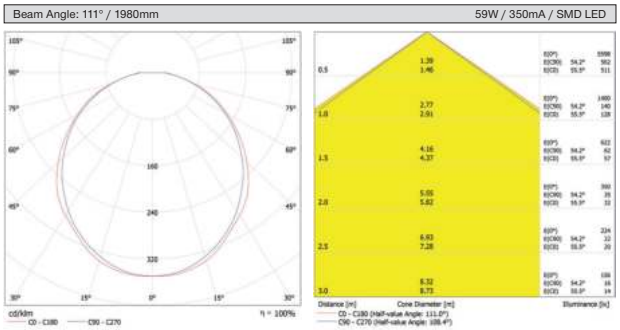
Beam Angle: 111° / 1700mm — 51W / 350mA / SMD LED



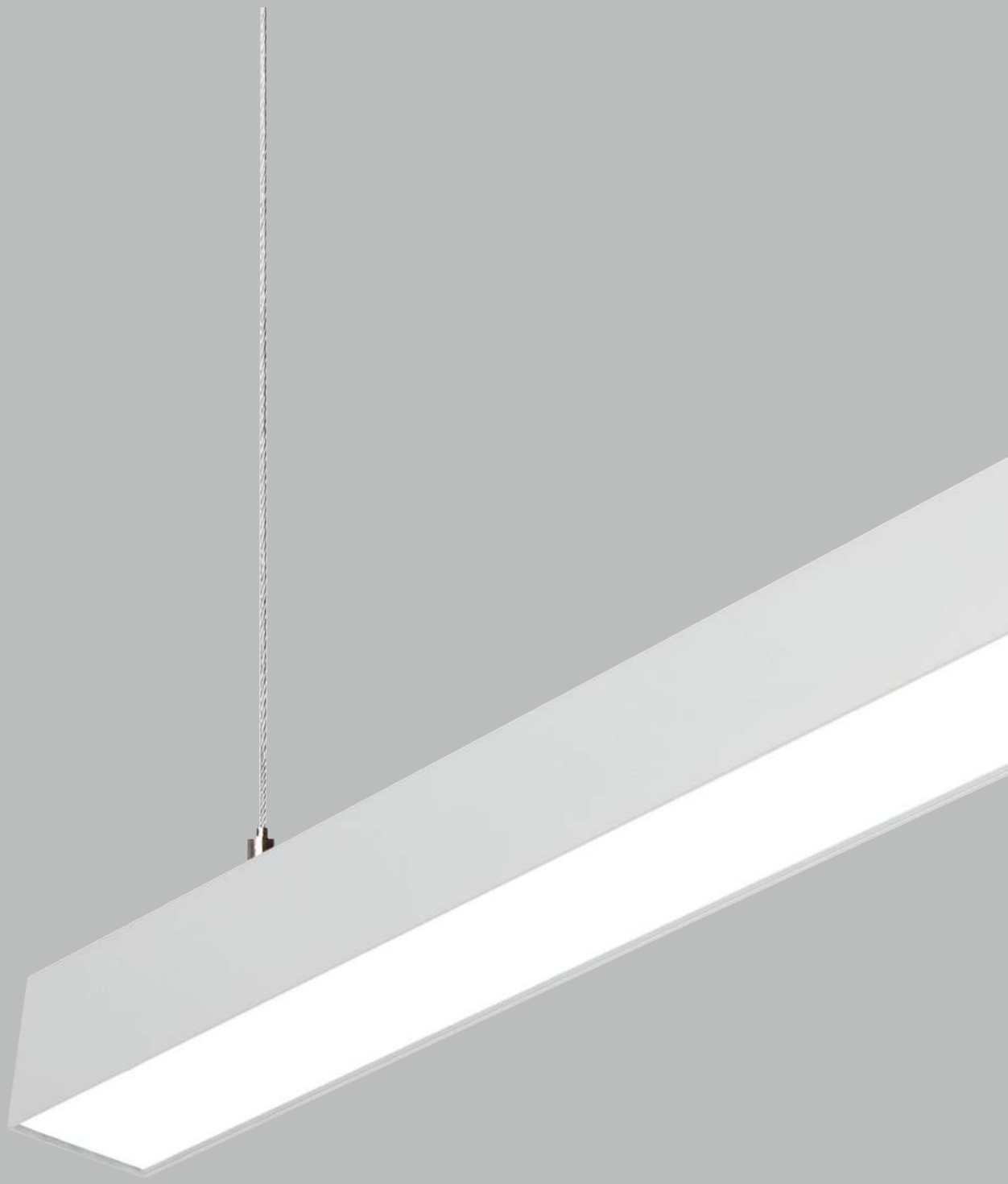
Beam Angle: 111° / 1980mm — 42W / 250mA / SMD LED



Beam Angle: 111° / 1980mm — 59W / 350mA / SMD LED



CUBUS Linea Led





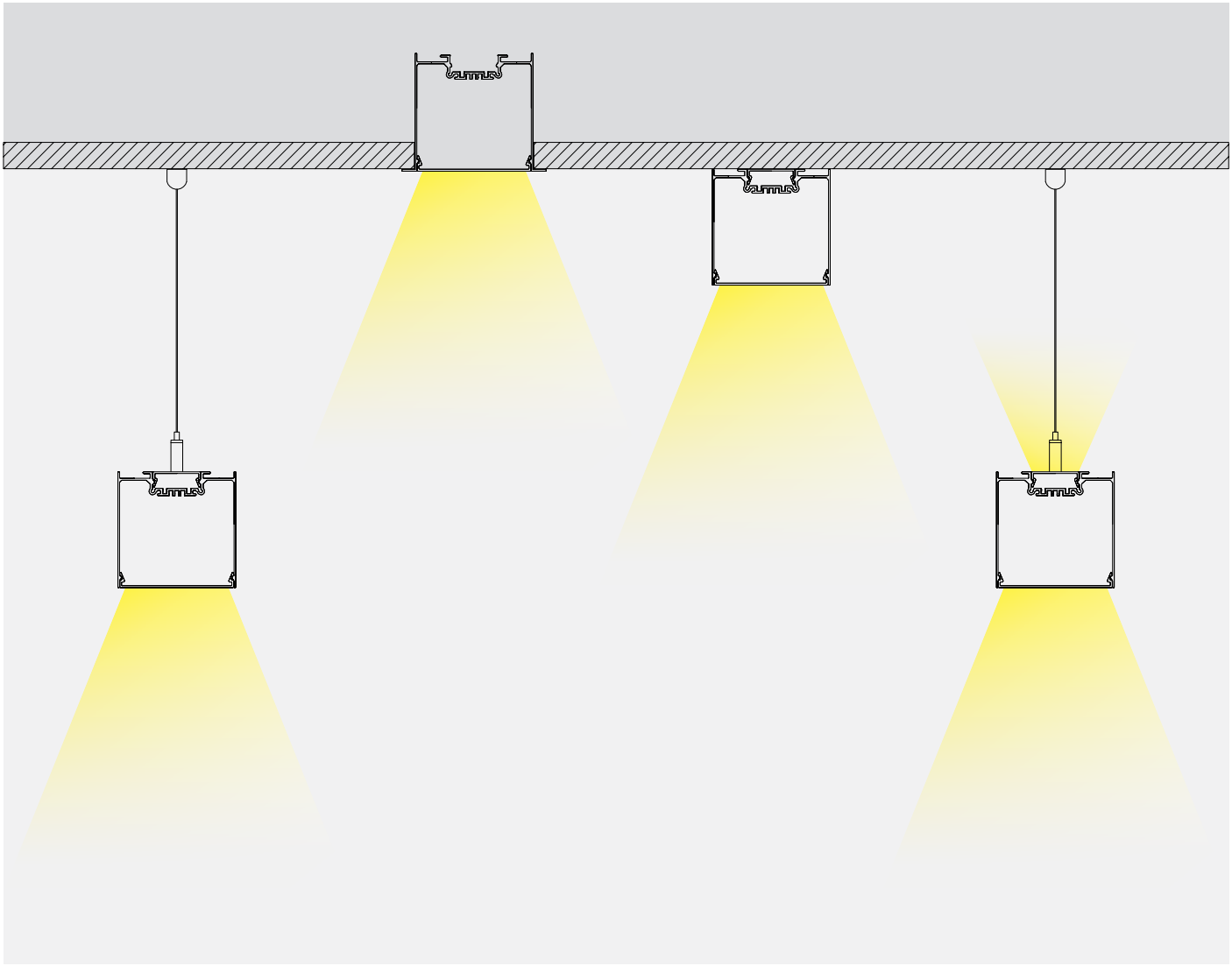
CUBUS is an ideal solution for many applications including office lighting, retails, hospitals etc. Both opal diffuser and Microprismatic diffuser options available to lower UGR. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together with different power and luminaire size and DIM options including DALI, Tunable White, Wireless DIM etc.

Suspendant direct, direct/indirect, recessed, surface mounted and track mounted options available.

CUBUS ofis, mağaza, hastane vb alanlarda aydınlatma çözümleri sağlar. Hem opal hem de kamaşmayı azaltmak için Microprizmatik seçenekleri mevcuttur. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç, boy ve DIM tercihleri ile uygulanabilir. DIM seçenekleri arasında DALI, Dinamik Beyaz, Kablosuz DIM gibi seçeneklerde mevcuttur.

Sarkıt direkt, sarkıt direkt/endirekt, sıvaüstü, raya monte ve ankastre montaj seçenekleri mevcuttur.

Cubus





Cubus Linear System

Cubus Linear System consists of many different versions including suspendant direct, suspendant direct/indirect, surface mounted and recessed including various dim options and lenghts.

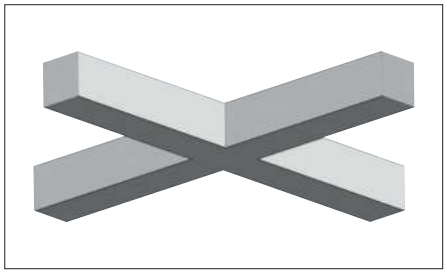
Avolux Cubus serisi sakıt direkt, sarkıt direkt/endirekt, sıvaüstü ve ankastre dahil farklı montaj şekillerine sahiptir. Birçok farklı boy ve dim seçenekleri uygulanabilir.

Cubus

Extra Mounting Accesories / Ekstra Bağlantı Aksesuarları

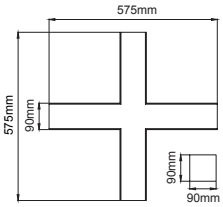
For different linear configurations, accessories with special connectors of X, T and L available with connection profile elements that gives flexibility to create different linear shapes.

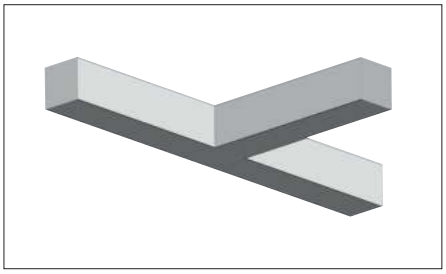
Farklı lineer hat konfigurasyonları için, X, T ve L şeklinde bağlantı profili seçenekleri mevcuttur. Bu aksesuarlar farklı şekildeki uygulamalar için esneklik sağlar.



Plus connection profile that enables linear line connection in four directions.

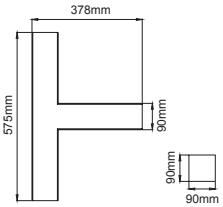
Artı bağlantı profili kesintisiz lineer hat uygulamalarında dört yöne bağlantı sağlar.

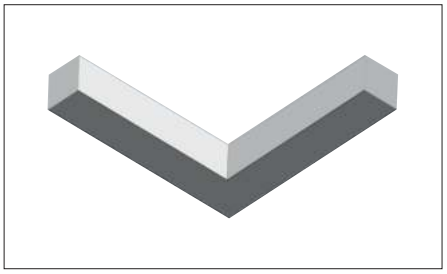




T connection profile that enables linear line connection in three directions.

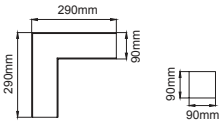
T bağlantı profili kesintisiz lineer hat uygulamalarında üç yöne bağlantı sağlar.





L connection profile that enables linear line connection in two directions.

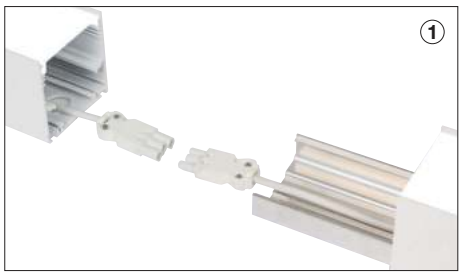
L bağlantı profili kesintisiz lineer hat uygulamalarında iki yöne bağlantı sağlar.

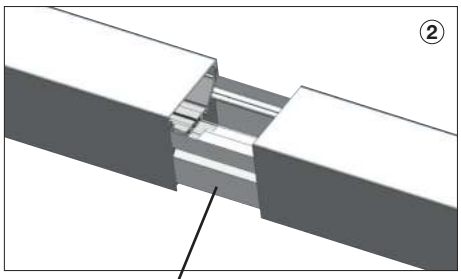


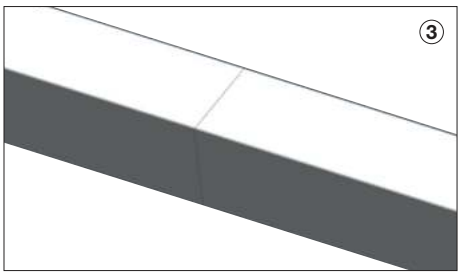
Continious Mounting / Kesintisiz Montaj

The wiring of the CUBUS enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wieland connector is being preferred with options of 3-pole for standard on/off single phase, 5-pole for three phase and dimmable applications. Connection profile mounted at the end of each line provides rigid connection between two profiles.

CUBUS'un sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa tek fazlı seçeneği için 3'lü, üç fazlı ve dim edebilme özelliği için 5'li wieland seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur.







Connection profile almost same size with the main profile that prevents light bleed in the connection point.

Bağlantı profili ana gövde ile hemen hemen aynı boyutta olması sayesinde iki profilin bağlantı noktasında ışık kaçısı engellenir.

Cubus

DIM Options / DIM seçenekleri

		 Cubus Susp.	 Cubus Surface	 Cubus Track	 Cubus Susp.	 Cubus Surface
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its CUBUS linear range that provides easy control and saves time on wiring during installation.

Avolux CUBUS serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Cubus linear range.

Avolux Cubus serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Cubus

				
Cubus Track	**Cubus Susp.**	**Cubus Surface**	**Cubus Track**	**Cubus Dir./Ind.**
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its CUBUS linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux CUBUS serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS

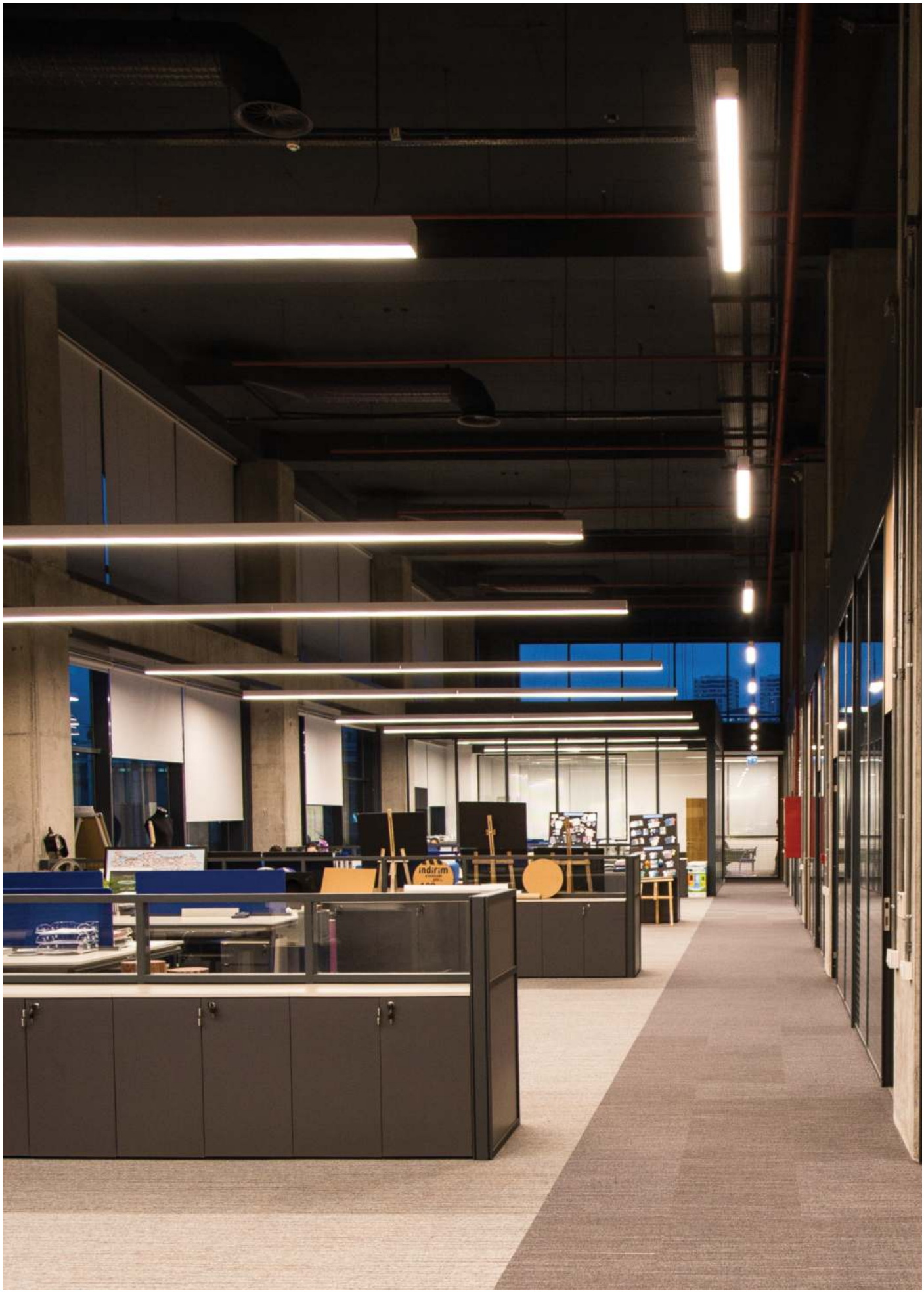


Xpress





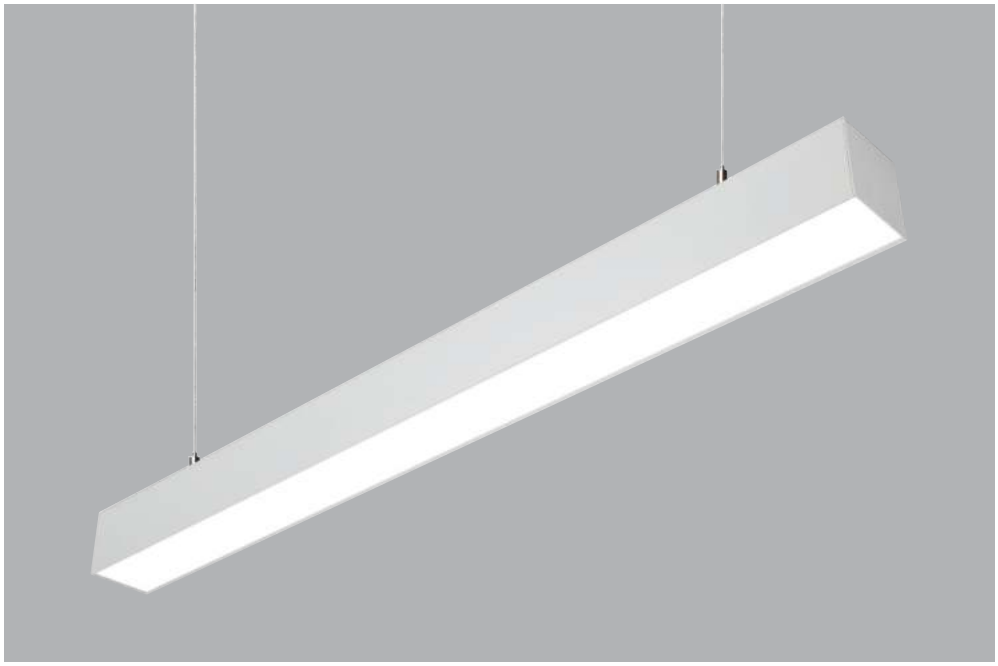
Cubus

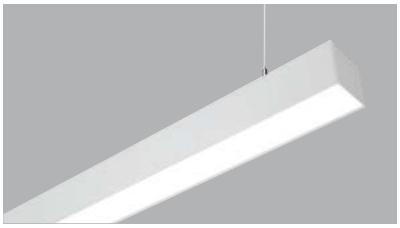


Cubus


Hatay Kırıkhan İlçesine bağ
Baldıran Köyünde doğup bü
Taşkınırmak soyadını taşıya
4 kardeşin ticari yaşamları,
yılında başlar. Ticaret Kırıkh
taşınır, mağazaya dönüşür.
Hedefler büyütülerek yakın
Adana'ya gidilir. Beraberin
kapsamı da büyür ve toptan
başlanır. Sonraki adres İsta
hedef de imza ile markalaşı

Cubus Suspendant





* Code example / Kod örneği:

I02.LL.19150 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili



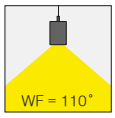


LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

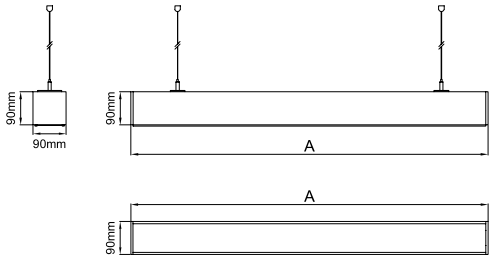
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19150.1135.034.830.01
Family Name / Aile Adı	Cubus
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	90mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>99lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Cubus Suspendant

Cubus Suspendant / I02.LL.19150

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19150.(...).(...).(...).(...)	2700K	1802	2420
			3000K	1860	2497
			3500K	1916	2536
			4000K	1961	2633
			5000K	1990	2671
	CRI>90	I02.LL.19150.(...).(...).(...).(...)	2700K	1514	2032
			3000K	1557	2091
			3500K	1586	2129
			4000K	1643	2207
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1135mm	CRI>80	I02.LL.19150.(...).(...).(...).(...)	2700K	2191	3079
			3000K	2261	3177
			3500K	2296	3227
			4000K	2384	3350
			5000K	2419	3399
	CRI>90	I02.LL.19150.(...).(...).(...).(...)	2700K	1840	2586
			3000K	1893	2661
			3500K	1928	2709
			4000K	1998	2808
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1415mm	CRI>80	I02.LL.19150.(...).(...).(...).(...)	2700K	2798	3968
			3000K	2888	4095
			3500K	2935	4159
			4000K	3045	4318
			5000K	3090	4380
	CRI>90	I02.LL.19150.(...).(...).(...).(...)	2700K	2351	3332
			3000K	2418	3429
			3500K	2463	3491
			4000K	2552	3619
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1695mm	CRI>80	I02.LL.19150.(...).(...).(...).(...)	2700K	3430	4843
			3000K	3540	4997
			3500K	3595	5075
			4000K	3732	5269
			5000K	3787	5345
	CRI>90	I02.LL.19150.(...).(...).(...).(...)	2700K	2881	4066
			3000K	2963	4184
			3500K	3018	4260
			4000K	3128	4416
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	I02.LL.19150.(...).(...).(...).(...)	2700K	4085	5731
			3000K	4216	5914
			3500K	4281	6006
			4000K	4445	6236
			5000K	4510	6326
	CRI>90	I02.LL.19150.(...).(...).(...).(...)	2700K	3431	4812
			3000K	3530	4952
			3500K	3595	5042
			4000K	3726	5227

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı
855mm	20W	20W (Direct) - 250mA
	27W	27W (Direct) - 350mA
1135mm	24W	24W (Direct) - 250mA
	34W	34W (Direct) - 350mA
1415mm	30W	30W (Direct) - 250mA
	43W	43W (Direct) - 350mA
1695mm	36W	36W (Direct) - 250mA
	51W	51W (Direct) - 350mA
1975mm	42W	42W (Direct) - 250mA
	59W	59W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Cubus Surface Mounted

Cubus Surface Mounted / I02.LL.19152



* Code example / Kod örneği:

I02.LL.19152 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	1802	2420
			3000K	1860	2497
			3500K	1916	2536
			4000K	1961	2633
			5000K	1990	2671
	CRI>90	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	1514	2032
			3000K	1557	2091
			3500K	1586	2129
			4000K	1643	2207
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	2191	3079
			3000K	2261	3177
			3500K	2296	3227
			4000K	2384	3350
			5000K	2419	3399
	CRI>90	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	1840	2586
			3000K	1893	2661
			3500K	1928	2709
			4000K	1998	2808
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	2798	3968
			3000K	2888	4095
			3500K	2935	4159
			4000K	3045	4318
			5000K	3090	4380
	CRI>90	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	2351	3332
			3000K	2418	3429
			3500K	2463	3491
			4000K	2552	3619
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	3430	4843
			3000K	3540	4997
			3500K	3595	5075
			4000K	3732	5269
			5000K	3787	5345
	CRI>90	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	2881	4066
			3000K	2963	4184
			3500K	3018	4260
			4000K	3128	4416
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	4085	5731
			3000K	4216	5914
			3500K	4281	6006
			4000K	4445	6236
			5000K	4510	6326
	CRI>90	I02.LL.19152 . (...) . (...) . (...) . (...)	2700K	3431	4812
			3000K	3530	4952
			3500K	3595	5042
			4000K	3726	5227

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K				05	dark gray
							06	special color

Cubus Track Mounted

Cubus Track Mounted / I02.LL.19151



* Code example / Kod örneği:

I02.LL.19151 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



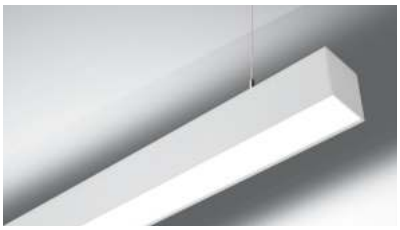
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	1802	2420
			3000K	1860	2497
			3500K	1916	2536
			4000K	1961	2633
			5000K	1990	2671
	CRI>90	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	1514	2032
			3000K	1557	2091
			3500K	1586	2129
			4000K	1643	2207
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	2191	3079
			3000K	2261	3177
			3500K	2296	3227
			4000K	2384	3350
			5000K	2419	3399
	CRI>90	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	1840	2586
			3000K	1893	2661
			3500K	1928	2709
			4000K	1998	2808
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	2798	3968
			3000K	2888	4095
			3500K	2935	4159
			4000K	3045	4318
			5000K	3090	4380
	CRI>90	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	2351	3332
			3000K	2418	3429
			3500K	2463	3491
			4000K	2552	3619
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	3430	4843
			3000K	3540	4997
			3500K	3595	5075
			4000K	3732	5269
			5000K	3787	5345
	CRI>90	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	2881	4066
			3000K	2963	4184
			3500K	3018	4260
			4000K	3128	4416
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	4085	5731
			3000K	4216	5914
			3500K	4281	6006
			4000K	4445	6236
			5000K	4510	6326
	CRI>90	I02.LL.19151 . (...) . (...) . (...) . (...)	2700K	3431	4812
			3000K	3530	4952
			3500K	3595	5042
			4000K	3726	5227

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Cubus Direct / Indirect





* Code example / Kod örneği:

I02.LL.19159 . 1135 . 049 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





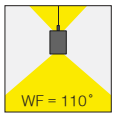
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

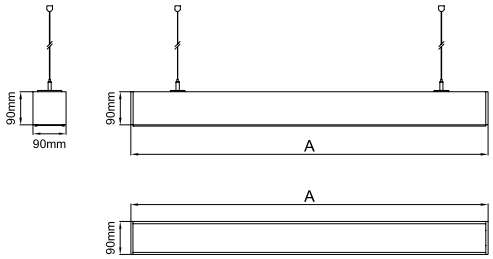


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19159.1135.034.830.01
Family Name / Aile Adı	Cubus
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	90mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>99lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Cubus Direct / Indirect

Cubus Direct / Indirect / I02.LL.19159

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm ↓	10W 250mA lm ↑	27W 350mA lm ↓	12W 350mA lm ↑
855mm	CRI>80	I02.LL.19159.(...).(...).(...).(...)	2700K	1802	831	2420	1081
			3000K	1860	858	2497	1116
			3500K	1839	871	2536	1133
			4000K	1961	905	2633	1177
			5000K	1990	918	2671	1194
	CRI>90	I02.LL.19159.(...).(...).(...).(...)	2700K	1514	698	2032	908
			3000K	1557	718	2091	934
			3500K	1586	732	2129	952
			4000K	1643	758	2207	986
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm ↓	12W 250mA lm ↑	34W 350mA lm ↓	15W 350mA lm ↑
1135mm	CRI>80	I02.LL.19159.(...).(...).(...).(...)	2700K	2191	1009	3079	1365
			3000K	2261	1041	3177	1408
			3500K	2296	1057	3227	1430
			4000K	2384	1098	3350	1485
			5000K	2419	1114	3399	1506
	CRI>90	I02.LL.19159.(...).(...).(...).(...)	2700K	1840	847	2586	1146
			3000K	1893	872	2661	1179
			3500K	1928	888	2709	1201
			4000K	1998	920	2808	1244
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm ↓	14W 250mA lm ↑	43W 350mA lm ↓	20W 350mA lm ↑
1415mm	CRI>80	I02.LL.19159.(...).(...).(...).(...)	2700K	2798	1202	3968	1856
			3000K	2888	1240	4095	1916
			3500K	2935	1259	4159	1945
			4000K	3045	1308	4318	2020
			5000K	3090	1327	4380	2049
	CRI>90	I02.LL.19159.(...).(...).(...).(...)	2700K	2351	1009	3332	1559
			3000K	2418	1038	3429	1604
			3500K	2463	1058	3491	1633
			4000K	2552	1096	3619	1693
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm ↓	17W 250mA lm ↑	51W 350mA lm ↓	24W 350mA lm ↑
1695mm	CRI>80	I02.LL.19159.(...).(...).(...).(...)	2700K	3430	1490	4843	2272
			3000K	3540	1538	4997	2344
			3500K	3595	1562	5075	2381
			4000K	3732	1622	5269	2472
			5000K	3787	1646	5345	2508
	CRI>90	I02.LL.19159.(...).(...).(...).(...)	2700K	2881	1252	4066	1908
			3000K	2963	1288	4184	1963
			3500K	3018	1312	4260	1999
			4000K	3128	1359	4416	2072
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm ↓	20W 250mA lm ↑	59W 350mA lm ↓	28W 350mA lm ↑
1975mm	CRI>80	I02.LL.19159.(...).(...).(...).(...)	2700K	4085	1791	5731	2677
			3000K	4216	1848	5914	2763
			3500K	4281	1877	6006	2806
			4000K	4445	1949	6236	2913
			5000K	4510	1977	6326	2956
	CRI>90	I02.LL.19159.(...).(...).(...).(...)	2700K	3431	1504	4812	2249
			3000K	3530	1547	4952	2313
			3500K	3595	1576	5042	2356
			4000K	3726	1633	5227	2441

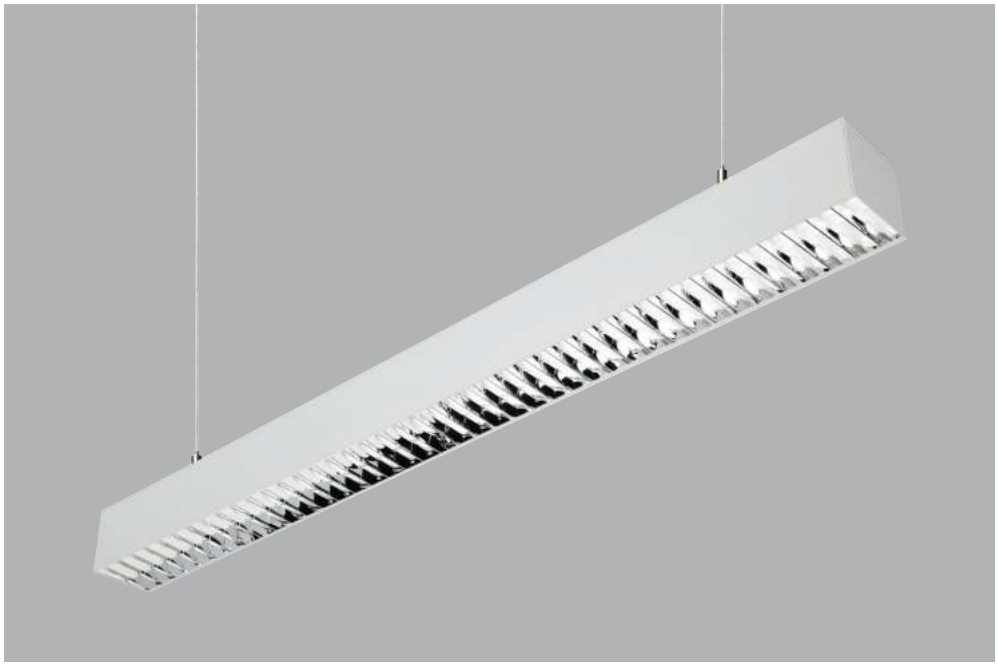
(...) / Complete Code / Komple Kod

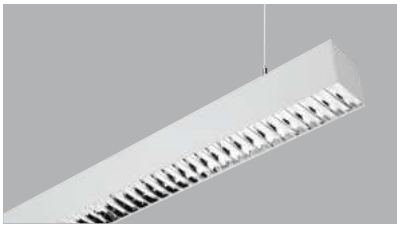
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	
855mm	30W 39W	20W (Direct) 10W (Indirect)- 250mA 27W (Direct) 12W (Indirect)- 350mA
1135mm	36W 49W	24W (Direct) 12W (Indirect)- 250mA 34W (Direct) 15W (Indirect)- 350mA
1415mm	44W 63W	30W (Direct) 14W (Indirect)- 250mA 43W (Direct) 20W (Indirect)- 350mA
1695mm	53W 75W	36W (Direct) 17W (Indirect)- 250mA 51W (Direct) 24W (Indirect)- 350mA
1975mm	62W 87W	42W (Direct) 20W (Indirect)- 250mA 59W (Direct) 28W (Indirect)- 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

Cubus Suspendant





* Code example / Kod örneği:

I02.LL.19149 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





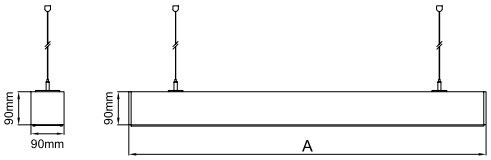
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

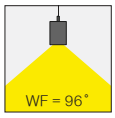


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19149.1135.034.830.01
Family Name / Aile Adı	Cubus
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	90mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>106lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Double Parabolic Aluminium Reflector / Çift Parabolik Aluminyum Reflektör

Cubus Suspendant

Cubus Suspendant / I02.LL.19149

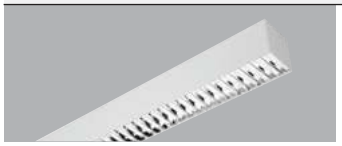
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19149.(...).(...).(...).(...)	2700K	1944	2611
			3000K	2007	2693
			3500K	2038	2737
			4000K	2116	2842
			5000K	2147	2883
	CRI>90	I02.LL.19149.(...).(...).(...).(...)	2700K	1633	2193
			3000K	1680	2256
			3500K	1711	2298
			4000K	1773	2382
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19149.(...).(...).(...).(...)	2700K	2365	3323
			3000K	2440	3430
			3500K	2478	3483
			4000K	2573	3616
			5000K	2610	3669
	CRI>90	I02.LL.19149.(...).(...).(...).(...)	2700K	1986	2791
			3000K	2042	2871
			3500K	2081	2924
			4000K	2156	3031
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19149.(...).(...).(...).(...)	2700K	3019	4283
			3000K	3116	4420
			3500K	3165	4489
			4000K	3286	4660
			5000K	3334	4728
	CRI>90	I02.LL.19149.(...).(...).(...).(...)	2700K	2536	3597
			3000K	2609	3700
			3500K	2657	3768
			4000K	2754	3906
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19149.(...).(...).(...).(...)	2700K	3701	5226
			3000K	3819	5394
			3500K	3879	5478
			4000K	4027	5687
			5000K	4086	5770
	CRI>90	I02.LL.19149.(...).(...).(...).(...)	2700K	3109	4389
			3000K	3197	4515
			3500K	3257	4598
			4000K	3375	4767
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19149.(...).(...).(...).(...)	2700K	4410	6186
			3000K	4550	6385
			3500K	4620	6483
			4000K	4797	6731
			5000K	4867	6830
	CRI>90	I02.LL.19149.(...).(...).(...).(...)	2700K	3703	5195
			3000K	3810	5344
			3500K	3880	5443
			4000K	4021	5642

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Cubus Surface Mounted

Cubus Surface Mounted / I02.LL.19154



* Code example / Kod örneği:

I02.LL.19154 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	1944	2611
			3000K	2007	2693
			3500K	2038	2737
			4000K	2116	2842
			5000K	2147	2883
	CRI>90	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	1633	2193
			3000K	1680	2256
			3500K	1711	2298
			4000K	1773	2382
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	2365	3323
			3000K	2440	3430
			3500K	2478	3483
			4000K	2573	3616
			5000K	2610	3669
	CRI>90	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	1986	2791
			3000K	2042	2871
			3500K	2081	2924
			4000K	2156	3031
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	3019	4283
			3000K	3116	4420
			3500K	3165	4489
			4000K	3286	4660
			5000K	3334	4728
	CRI>90	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	2536	3597
			3000K	2609	3700
			3500K	2657	3768
			4000K	2754	3906
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	3701	5226
			3000K	3819	5394
			3500K	3879	5478
			4000K	4027	5687
			5000K	4086	5770
	CRI>90	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	3109	4389
			3000K	3197	4515
			3500K	3257	4598
			4000K	3375	4767
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	4410	6186
			3000K	4550	6385
			3500K	4620	6483
			4000K	4797	6731
			5000K	4867	6830
	CRI>90	I02.LL.19154 . (...) . (...) . (...) . (...)	2700K	3703	5195
			3000K	3810	5344
			3500K	3880	5443
			4000K	4021	5642

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K				05	dark gray
							06	special color

Cubus Track Mounted

Cubus Track Mounted / I02.LL.19153



* Code example / Kod örneği:

I02.LL.19153 . 1135 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi

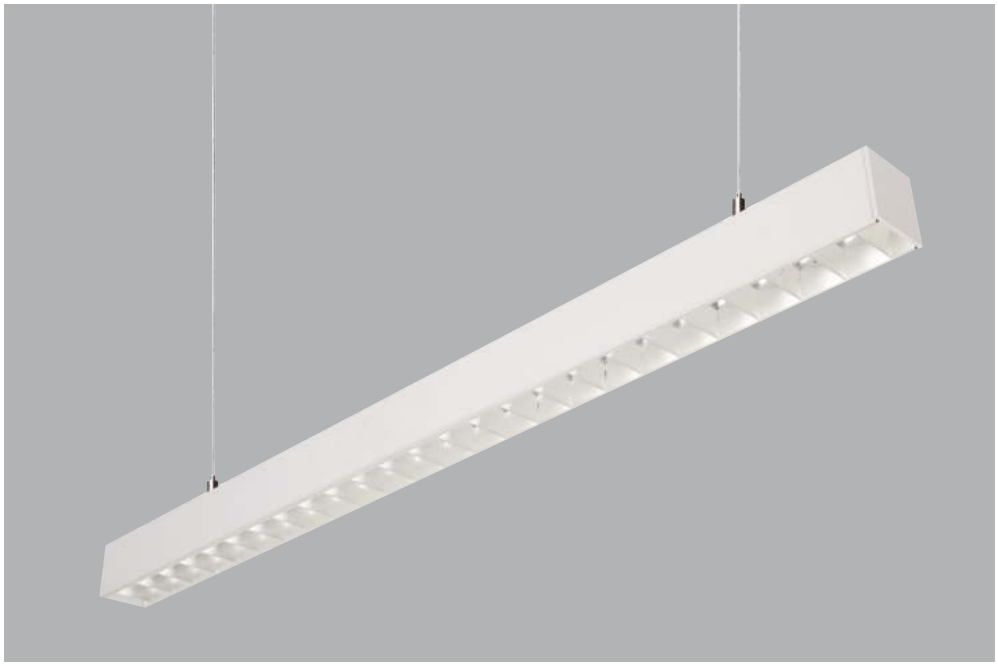


Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	1944	2611
			3000K	2007	2693
			3500K	2038	2737
			4000K	2116	2842
			5000K	2147	2883
	CRI>90	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	1633	2193
			3000K	1680	2256
			3500K	1711	2298
			4000K	1773	2382
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1135mm	CRI>80	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	2365	3323
			3000K	2440	3430
			3500K	2478	3483
			4000K	2573	3616
			5000K	2610	3669
	CRI>90	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	1986	2791
			3000K	2042	2871
			3500K	2081	2924
			4000K	2156	3031
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1415mm	CRI>80	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	3019	4283
			3000K	3116	4420
			3500K	3165	4489
			4000K	3286	4660
			5000K	3334	4728
	CRI>90	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	2536	3597
			3000K	2609	3700
			3500K	2657	3768
			4000K	2754	3906
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1695mm	CRI>80	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	3701	5226
			3000K	3819	5394
			3500K	3879	5478
			4000K	4027	5687
			5000K	4086	5770
	CRI>90	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	3109	4389
			3000K	3197	4515
			3500K	3257	4598
			4000K	3375	4767
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1975mm	CRI>80	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	4410	6186
			3000K	4550	6385
			3500K	4620	6483
			4000K	4797	6731
			5000K	4867	6830
	CRI>90	I02.LL.19153 . (...) . (...) . (...) . (...)	2700K	3703	5195
			3000K	3810	5344
			3500K	3880	5443
			4000K	4021	5642

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	20W 20W (Direct) - 250mA 27W 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1135mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1415mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1695mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1975mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Cubus Suspendant





* Code example / Kod örneği:

I02.LL.19155 . 1515 . 037 . 830 . 01

1 2 3 4 5

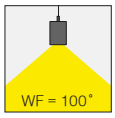
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

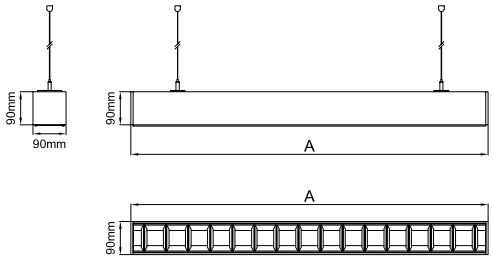
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19155.1515.037.830.01
Family Name / Aile Adı	Cubus
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	90mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>91lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Double Parabolic Miro Reflector / Çift Parabolik Miro Reflektör

Cubus Suspendant

Cubus Suspendant / I02.LL.19155



* Code example / Kod örneği:

I02.LL.19155 . 1515 . 037 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli

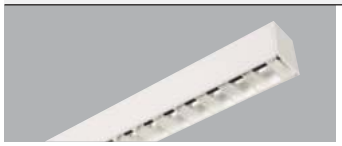


Suspension Profile
Sarkıtma Teli Bağlantı Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	27.4W 250mA lm	37.5W 350mA lm
1515mm	CRI>80	I02.LL.19155 . (...) . (...) . (...) . (...)	2700K	2373	3131
			3000K	2449	3231
			3500K	2487	3281
			4000K	2582	3407
			5000K	2620	3457
	CRI>90	I02.LL.19155 . (...) . (...) . (...) . (...)	2700K	1993	2630
			3000K	2050	2705
			3500K	2088	2755
			4000K	2164	2856

Cubus Surface Mounted / I02.LL.19156



* Code example / Kod örneği:

I02.LL.19156 . 1515 . 037 . 830 . 01

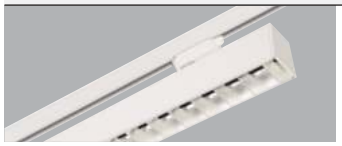
1 2 3 4 5

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	27.4W 250mA lm	37.5W 350mA lm
1515mm	CRI>80	I02.LL.19156 . (...) . (...) . (...) . (...)	2700K	2373	3131
			3000K	2449	3231
			3500K	2487	3281
			4000K	2582	3407
			5000K	2620	3457
	CRI>90	I02.LL.19156 . (...) . (...) . (...) . (...)	2700K	1993	2630
			3000K	2050	2705
			3500K	2088	2755
			4000K	2164	2856

Cubus Track Mounted / I02.LL.19157



* Code example / Kod örneği:

I02.LL.19157 . 1515 . 037 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	27.4W 250mA lm	37.5W 350mA lm
1515mm	CRI>80	I02.LL.19157 . (...) . (...) . (...) . (...)	2700K	2373	3131
			3000K	2449	3231
			3500K	2487	3281
			4000K	2582	3407
			5000K	2620	3457
	CRI>90	I02.LL.19157 . (...) . (...) . (...) . (...)	2700K	1993	2630
			3000K	2050	2705
			3500K	2088	2755
			4000K	2164	2856

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1515mm	27.4W 37.5W	27.4W (Direct) - 250mA 37.5W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

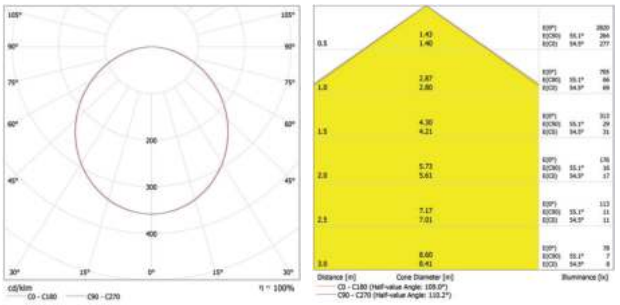
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I02.LL.19150

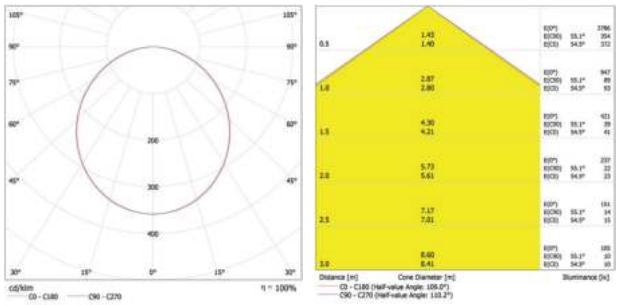

I02.LL.19152


I02.LL.19151

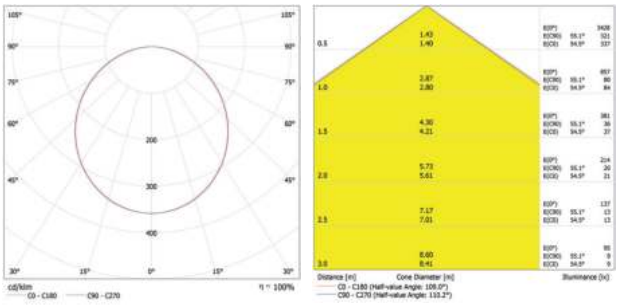
Beam Angle: 110° / 855mm — 20W / 250mA / SMD LED



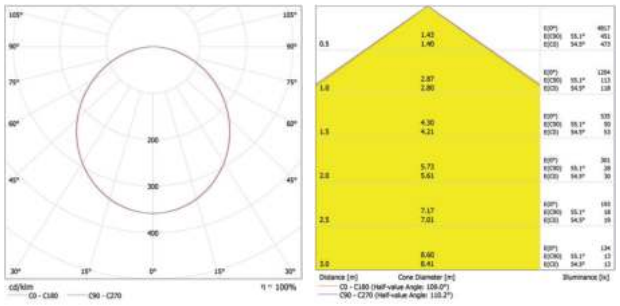
Beam Angle: 110° / 855mm — 27W / 350mA / SMD LED



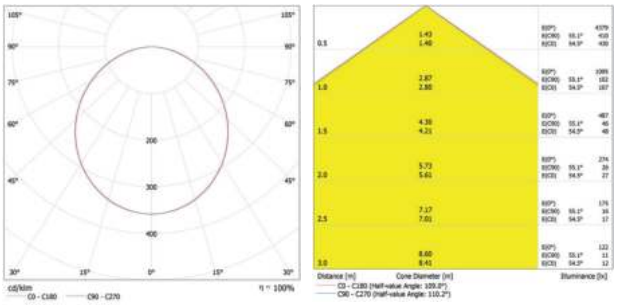
Beam Angle: 110° / 1135mm — 24W / 250mA / SMD LED



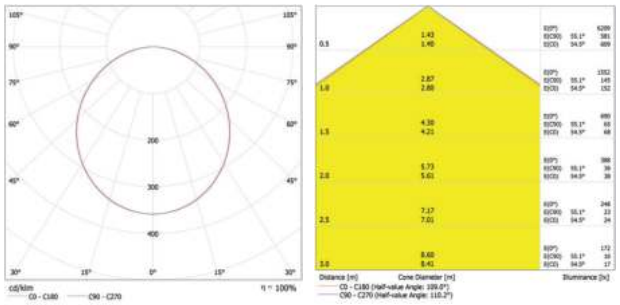
Beam Angle: 110° / 1135mm — 34W / 350mA / SMD LED



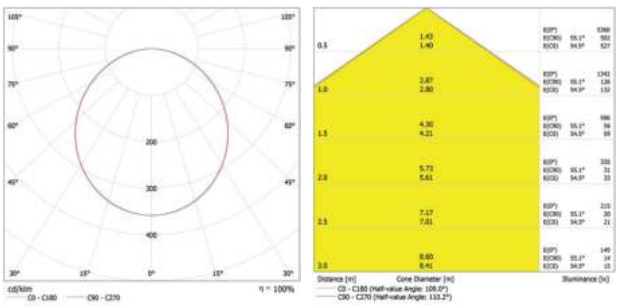
Beam Angle: 110° / 1415mm — 30W / 250mA / SMD LED



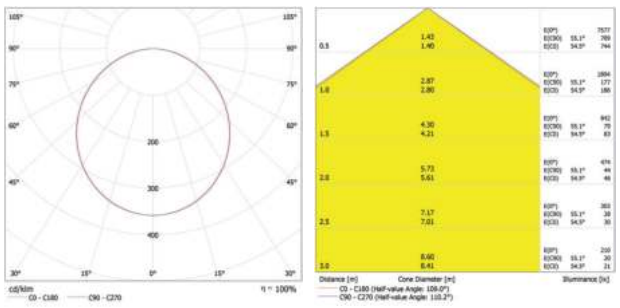
Beam Angle: 110° / 1415mm — 43W / 350mA / SMD LED



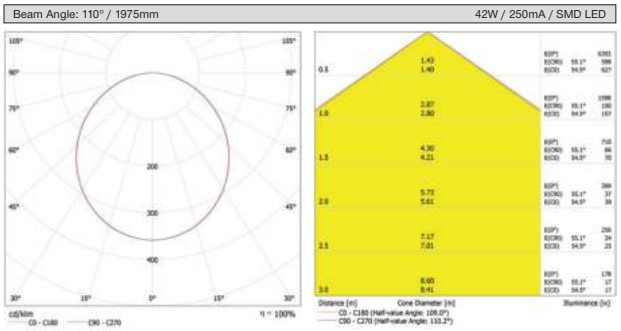
Beam Angle: 110° / 1695mm — 36W / 250mA / SMD LED



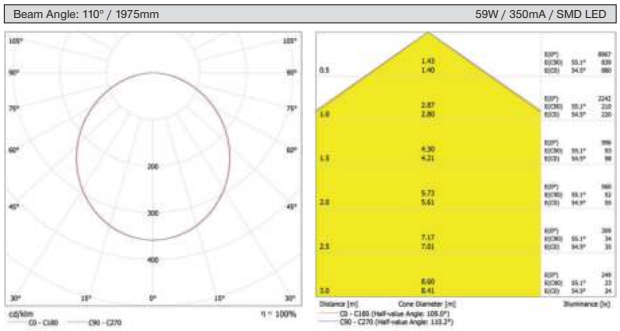
Beam Angle: 110° / 1695mm — 51W / 350mA / SMD LED



Beam Angle: 110° / 1975mm — 42W / 250mA / SMD LED



Beam Angle: 110° / 1975mm — 59W / 350mA / SMD LED

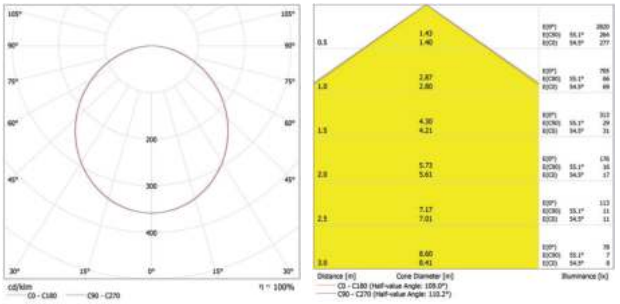


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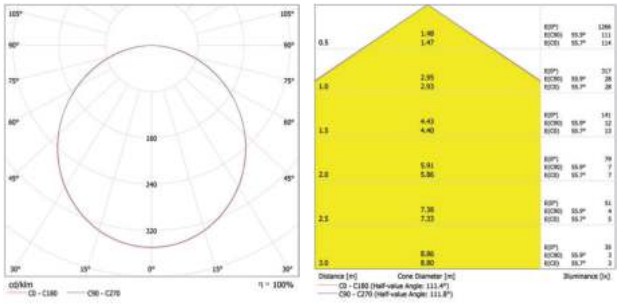


I02.LL.19159

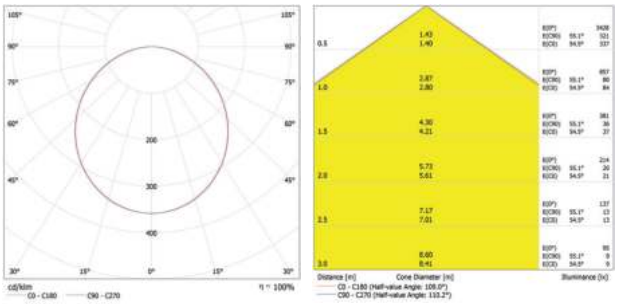
Beam Angle: 110° / 855mm — 20W / 250mA / Direct / SMD LED



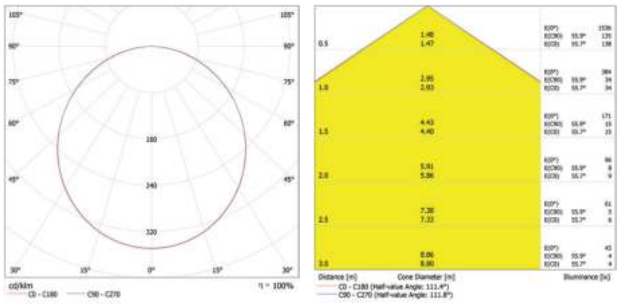
Beam Angle: 110° / 855mm — 10W / 250mA / Indirect / SMD LED



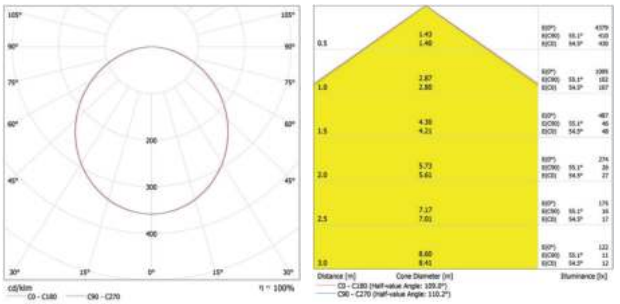
Beam Angle: 110° / 1135mm — 24W / 250mA / Direct / SMD LED



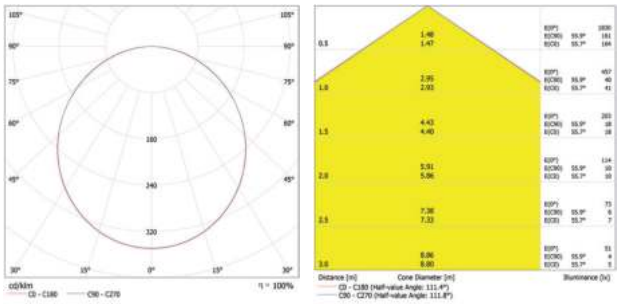
Beam Angle: 110° / 1135mm — 12W / 250mA / Indirect / SMD LED



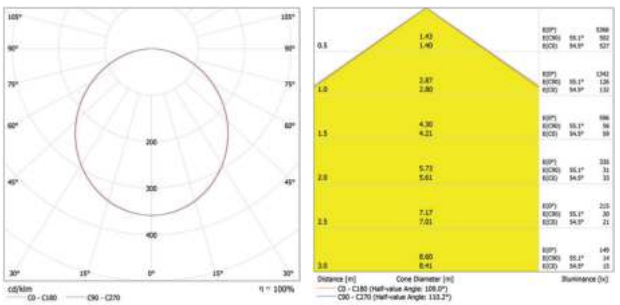
Beam Angle: 110° / 1415mm — 30W / 250mA / Direct / SMD LED



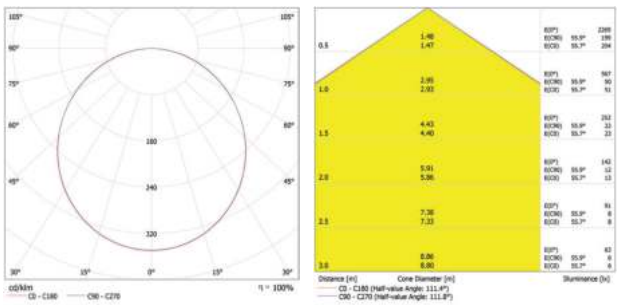
Beam Angle: 110° / 1415mm — 14W / 250mA / Indirect / SMD LED



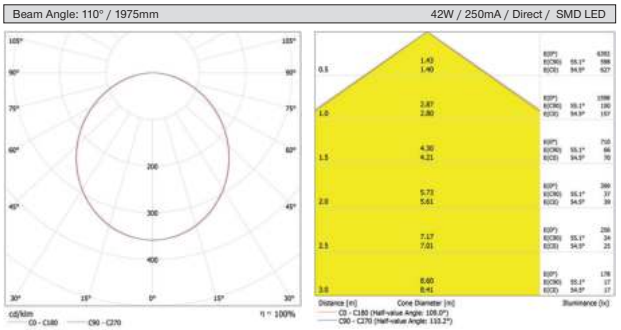
Beam Angle: 110° / 1695mm — 36W / 250mA / Direct / SMD LED



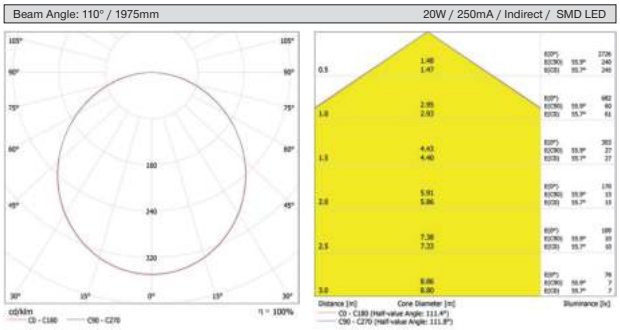
Beam Angle: 110° / 1695mm — 17W / 250mA / Indirect / SMD LED



Beam Angle: 110° / 1975mm — 42W / 250mA / Direct / SMD LED



Beam Angle: 110° / 1975mm — 20W / 250mA / Indirect / SMD LED

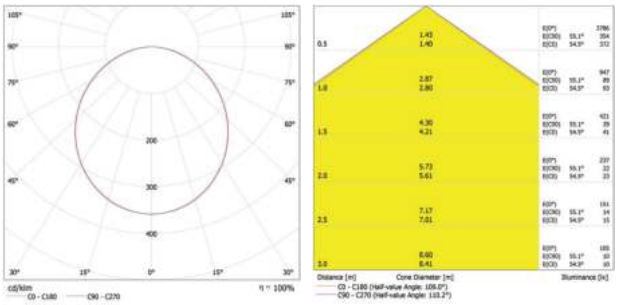


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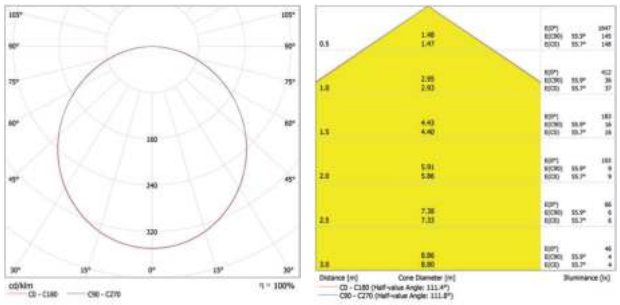


I02.LL.19159

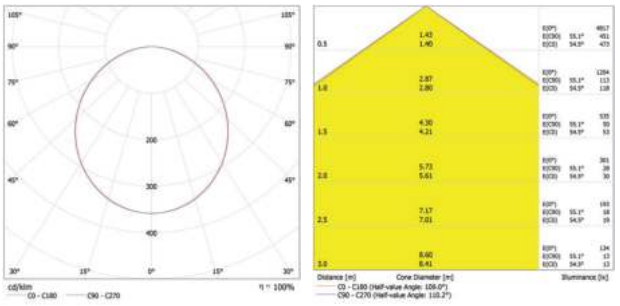
Beam Angle: 110° / 855mm — 27W / 350mA / Direct / SMD LED



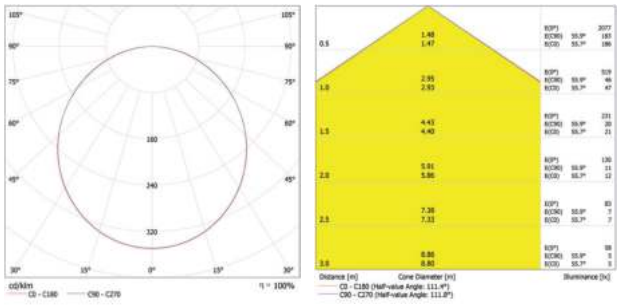
Beam Angle: 110° / 855mm — 12W / 350mA / Indirect / SMD LED



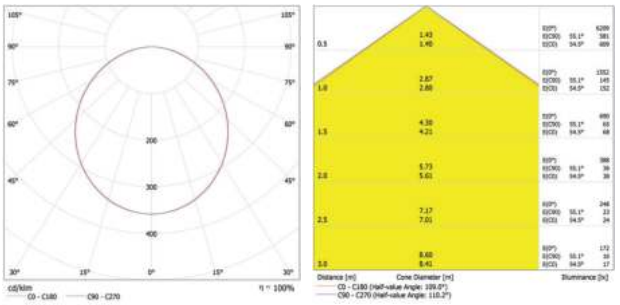
Beam Angle: 110° / 1135mm — 34W / 350mA / Direct / SMD LED



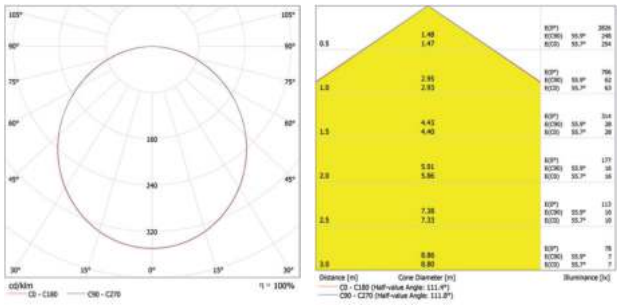
Beam Angle: 110° / 1135mm — 15W / 350mA / Indirect / SMD LED



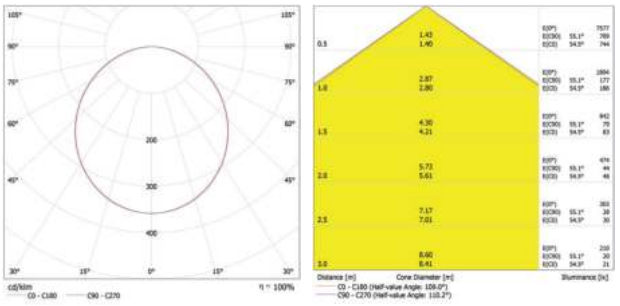
Beam Angle: 110° / 1415mm — 43W / 350mA / Direct / SMD LED



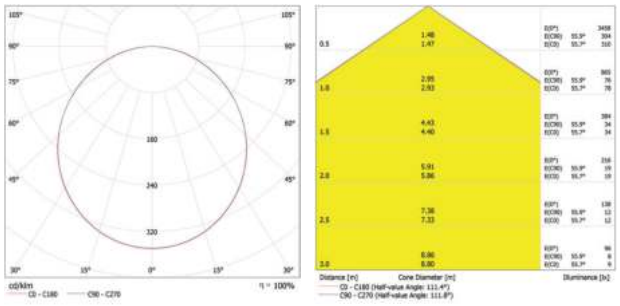
Beam Angle: 110° / 1415mm — 20W / 350mA / Indirect / SMD LED



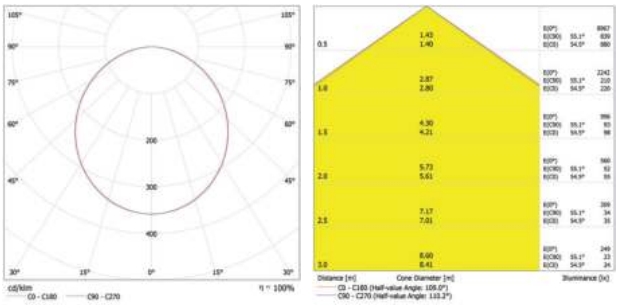
Beam Angle: 110° / 1695mm — 51W / 350mA / Direct / SMD LED



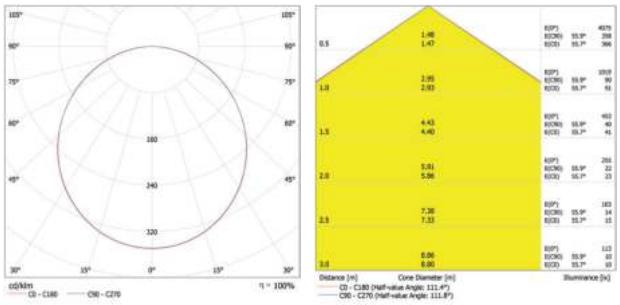
Beam Angle: 110° / 1695mm — 24W / 350mA / Indirect / SMD LED



Beam Angle: 110° / 1975mm — 59W / 350mA / Direct / SMD LED



Beam Angle: 110° / 1975mm — 28W / 350mA / Indirect / SMD LED



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I02.LL.19149

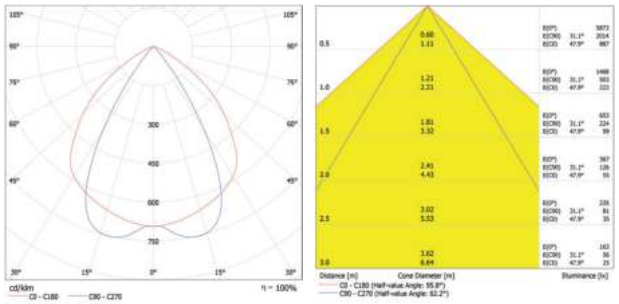


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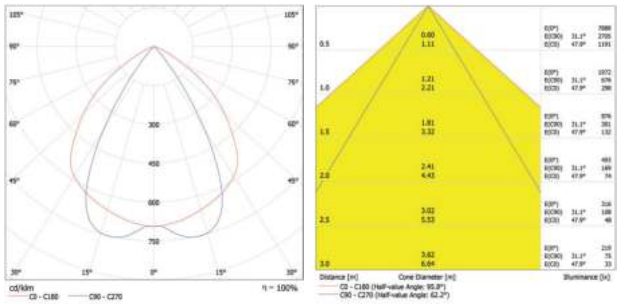


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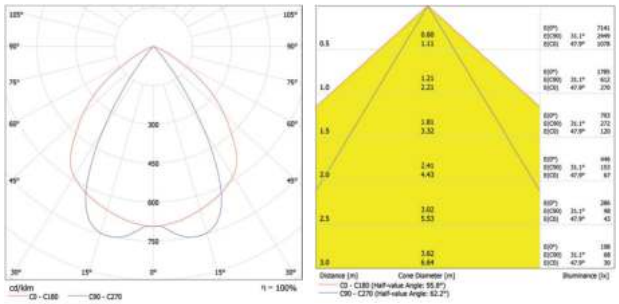
Beam Angle: 96° / 855mm — 20W / 250mA / SMD LED



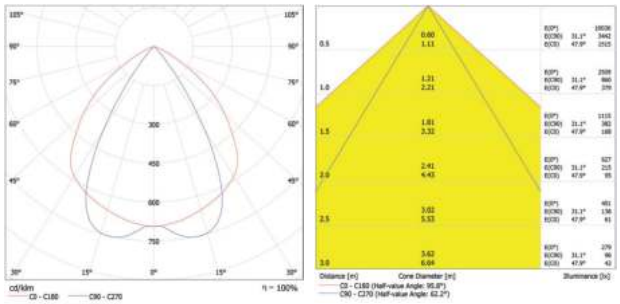
Beam Angle: 96° / 855mm — 27W / 350mA / SMD LED



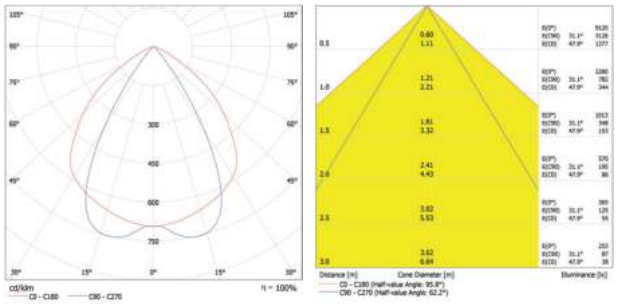
Beam Angle: 96° / 1135mm — 24W / 250mA / SMD LED



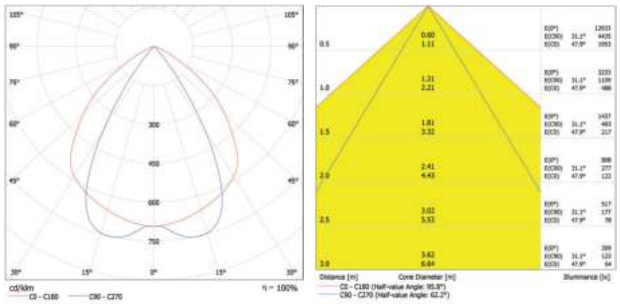
Beam Angle: 96° / 1135mm — 34W / 350mA / SMD LED



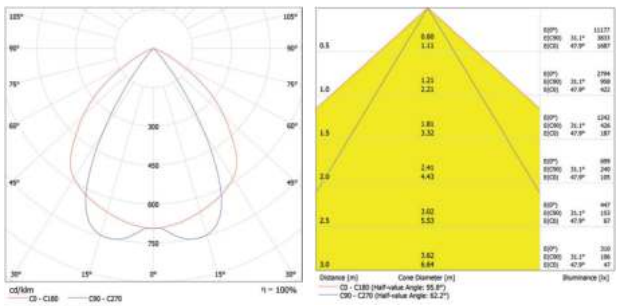
Beam Angle: 96° / 1415mm — 30W / 250mA / SMD LED



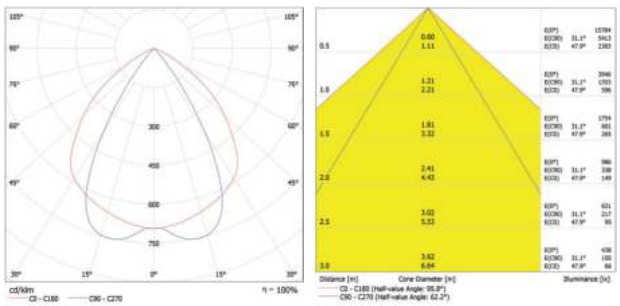
Beam Angle: 96° / 1415mm — 43W / 350mA / SMD LED



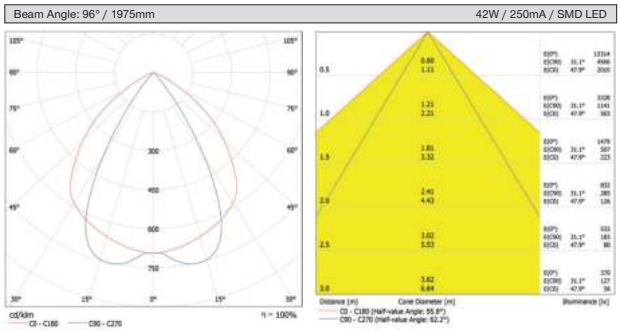
Beam Angle: 96° / 1695mm — 36W / 250mA / SMD LED



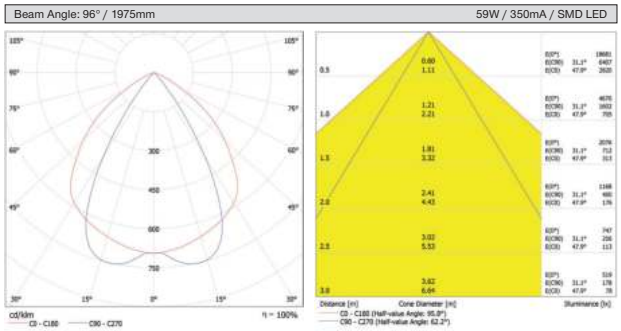
Beam Angle: 96° / 1695mm — 51W / 350mA / SMD LED



Beam Angle: 96° / 1975mm — 42W / 250mA / SMD LED



Beam Angle: 96° / 1975mm — 59W / 350mA / SMD LED



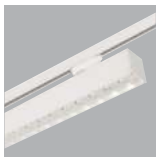
LDT Files / LDT Dataları



I02.LL.19155

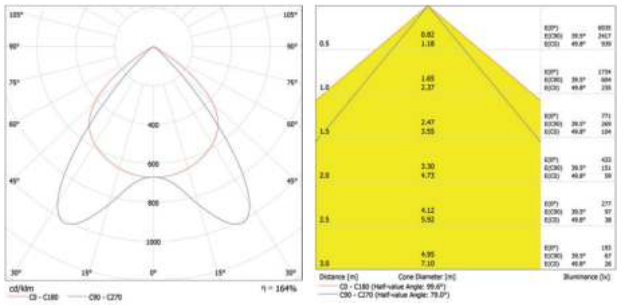


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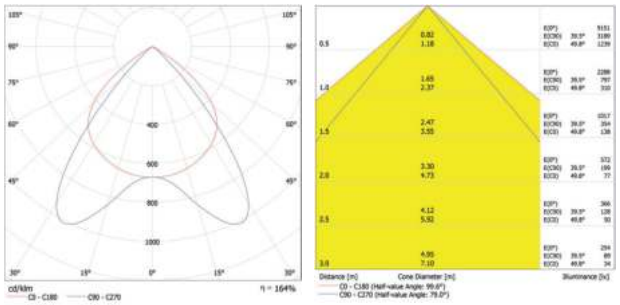


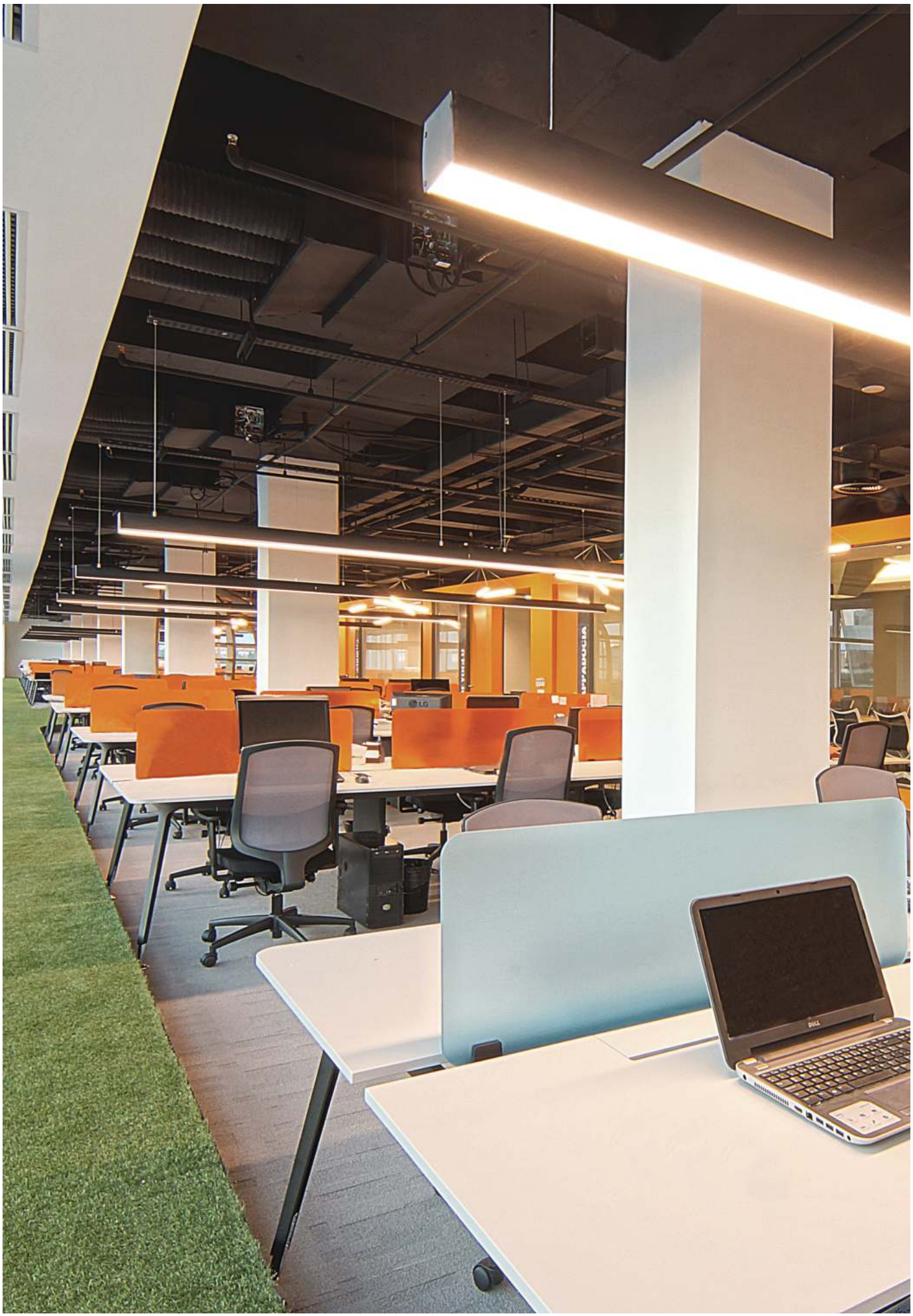
I02.LL.19157

Beam Angle: 100° / 1515mm — 27.4W / 250mA / SMD LED



Beam Angle: 100° / 1515mm — 37.5W / 350mA / SMD LED





CUBUS RECESSED Linea Led





CUBUS RECESSED is an ideal solution for office lighting. Minimalist profile enables this product widely preferred in various spaces. Opal diffuser reduce glare and enables homogen light output. Opal diffuser cover, practical recess accesories, easy screw fastening of concrete recessed housing on formwork panel. Installation depth of the luminaire is 90mm.

2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI and wireless tunable dim selections increases the functionality of the luminaire.

CUBUS RECESSED ofis aydınlatma çözümleri için ideal çözümler sunar. Minimalist gövde kesit yapısı sayesinde mimarlar tarafından sıkça tercih edilmektedir. Armatürün opal diffüzör kapağı kamaşmayı azalttığı gibi aynı zamanda homojen bir ışık çıkışı sağlar. Tavana gömme montaj aparatları sayesinde uygulaması pratiktir. Tavan içi derinliği 90mm'dir.

2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI ve kablosuz renk değiştirme dim seçenekleri armatürün fonksyonelliğni artırır.

Cubus Recessed

DIM Options / DIM seçenekleri

		Cubus Recessed	 Cubus Recessed	 Cubus Recessed
ON-OFF		•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH			
1-10V DIM	Ext.Code / Kod: .VO	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM			
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its CUBUS RECESSED linear range that provides easy control and saves time on wiring during installation.

Avolux CUBUS RECESSED serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Cubus Recessed linear range.

Avolux Cubus Recessed serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Cubus Recessed

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its CUBUS RECESSED linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

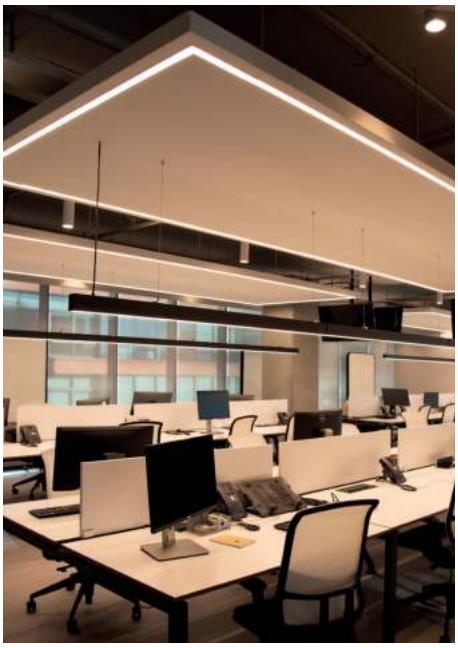
Avolux CUBUS RECESSED serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.

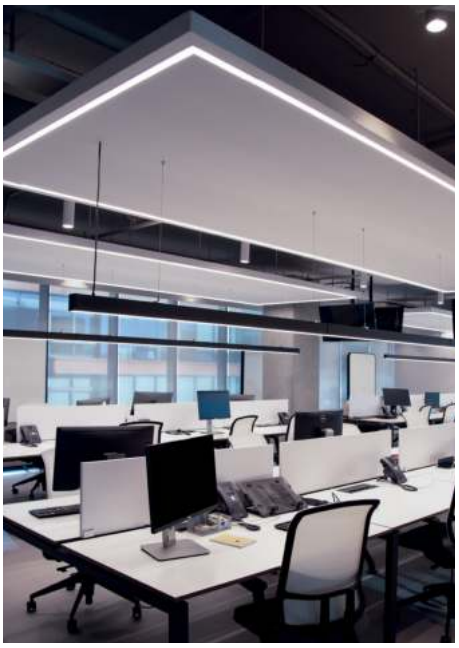


Android & İOS



Xpress





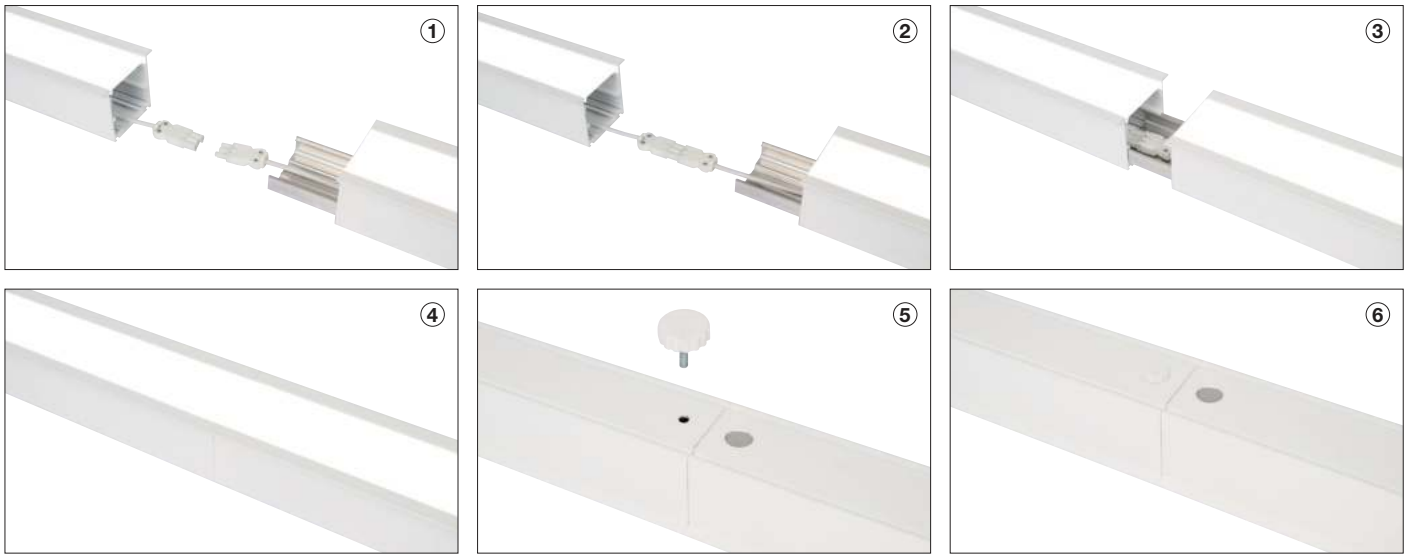


Cubus Recessed

Continious Mounting / Kesintisiz Montaj

The wiring of the CUBUS RECESSED enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wieland connector is being preferred with options of 3-pole for standard on/off single phase, 5-pole for three phase and dimmable applications. Connection profile mounted at the end of each line provides rigid connection between two profiles.

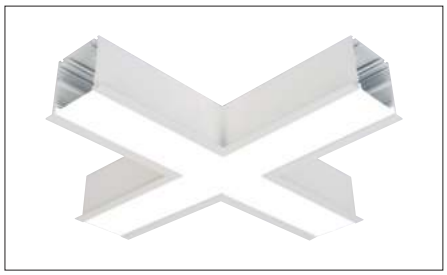
CUBUS RECESSED'in sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa tek fazlı seçeneği için 3'lü, üç fazlı ve dim edebilme özelliği için 5'li wieland seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur.



Extra Mounting Accesories / Ekstra Bağlantı Aksesuarları

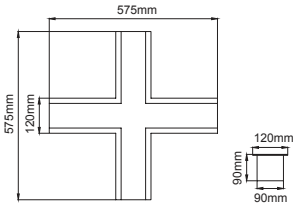
For different linear configurations, accessories with special connectors of X, T and L available with connection profile elements that gives flexibility to create different linear shapes.

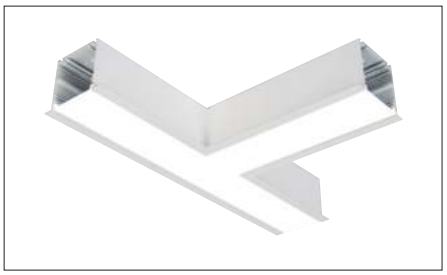
Farklı lineer hat konfigurasyonları için, X, T ve L şeklinde bağlantı profili seçenekleri mevcuttur. Bu aksesuarlar farklı şekildeki uygulamalar için esneklik sağlar.



Plus connection profile that enables linear line connection in four directions.

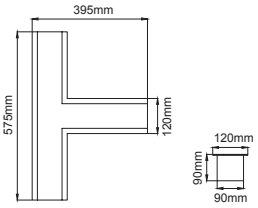
Artı bağlantı profili kesintisiz lineer hat uygulamalarında dört yöne bağlantı sağlar.





T connection profile that enables linear line connection in three directions.

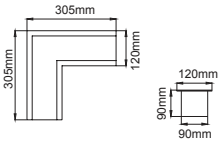
T bağlantı profili kesintisiz lineer hat uygulamalarında üç yöne bağlantı sağlar.





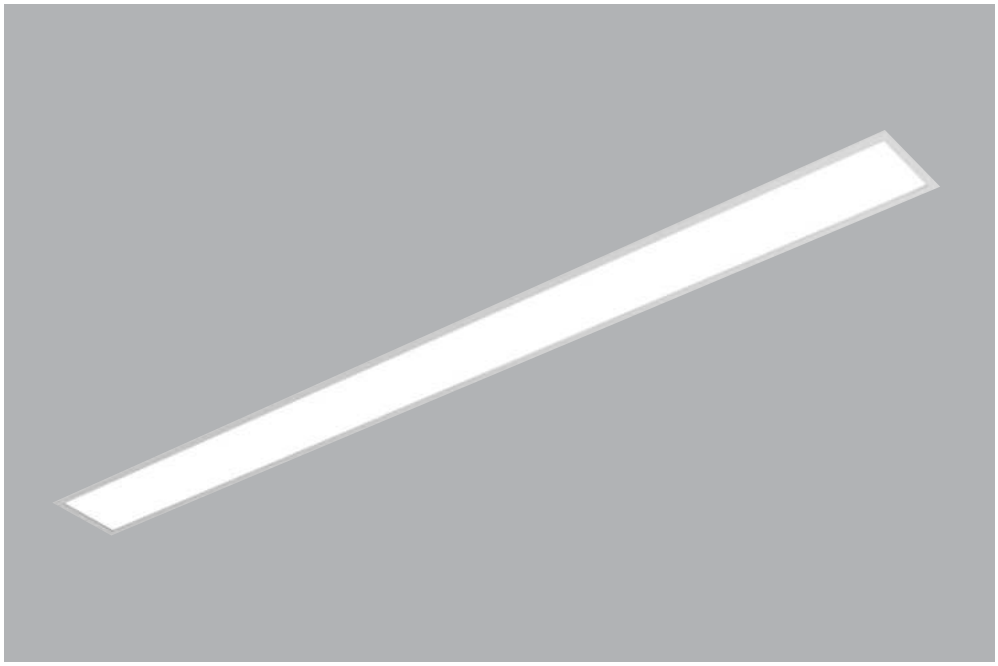
L connection profile that enables linear line connection in two directions.

L bağlantı profili kesintisiz lineer hat uygulamalarında iki yöne bağlantı sağlar.





Cubus Recessed





* Code example / Kod örneği:

I02.LL.19170 . 1164 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

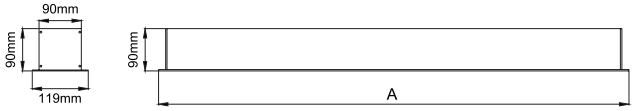
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

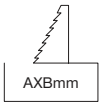
5 / Product Color / Ürün Renk



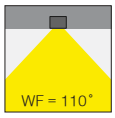
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim





Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19170.1164.034.830.01
Family Name / Aile Adı	Cubus
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	119mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>82lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Cubus Recessed

Cubus Recessed / I02.LL.19170

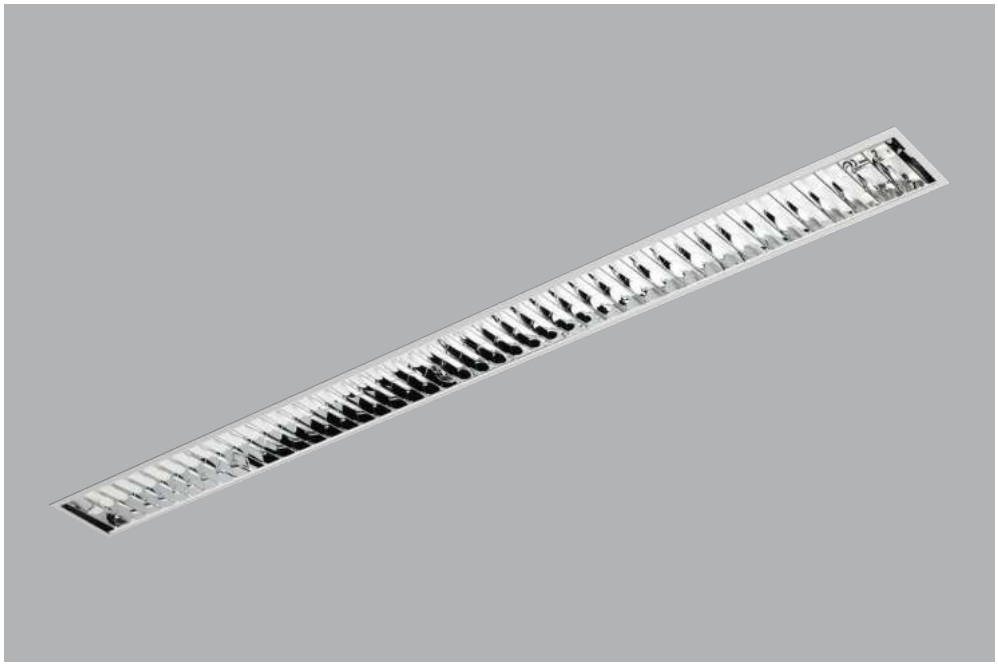
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
884mm	CRI>80	I02.LL.19170.(...).(...).(...).(...)	2700K	1495	2008
			3000K	1543	2072
			3500K	1567	2104
			4000K	1627	2185
			5000K	1651	2217
	CRI>90	I02.LL.19170.(...).(...).(...).(...)	2700K	1256	1686
			3000K	1292	1734
			3500K	1316	1766
			4000K	1363	1831
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1164mm	CRI>80	I02.LL.19170.(...).(...).(...).(...)	2700K	1818	2555
			3000K	1876	2637
			3500K	1905	2677
			4000K	1978	2780
			5000K	2007	2801
	CRI>90	I02.LL.19170.(...).(...).(...).(...)	2700K	1547	2146
			3000K	1570	2207
			3500K	1600	2248
			4000K	1658	1831
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1444mm	CRI>80	I02.LL.19170.(...).(...).(...).(...)	2700K	2321	3293
			3000K	2396	3398
			3500K	2433	3450
			4000K	2526	3583
			5000K	2563	3635
	CRI>90	I02.LL.19170.(...).(...).(...).(...)	2700K	1950	2765
			3000K	2006	2844
			3500K	2043	2897
			4000K	2117	2330
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1724mm	CRI>80	I02.LL.19170.(...).(...).(...).(...)	2700K	2845	4018
			3000K	2936	4147
			3500K	2982	4210
			4000K	3096	4372
			5000K	3141	4436
	CRI>90	I02.LL.19170.(...).(...).(...).(...)	2700K	2390	3375
			3000K	2458	3471
			3500K	2504	3535
			4000K	2595	3664
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
2004mm	CRI>80	I02.LL.19170.(...).(...).(...).(...)	2700K	3390	4756
			3000K	3498	4909
			3500K	3552	4983
			4000K	3688	5175
			5000K	3742	5251
	CRI>90	I02.LL.19170.(...).(...).(...).(...)	2700K	2847	3994
			3000K	2929	4108
			3500K	2983	4184
			4000K	3091	4337

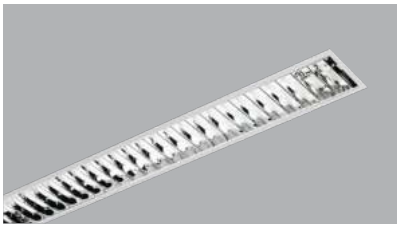
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin			
884mm	100x864mm	20W 27W	20W (Direct) - 250mA 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K
1164mm	100x1144mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K
1444mm	100x1424mm	30W 43W	30W (Direct) - 250mA 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K
1724mm	100x1704mm	36W 51W	36W (Direct) - 250mA 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K
2004mm	100x1984mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Cubus Recessed





* Code example / Kod örneği:

I02.LL.19175 . 1164 . 034 . 830 . 01

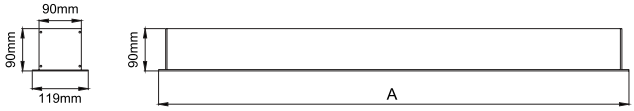
1 2 3 4 5

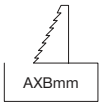
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

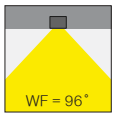
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim





Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19175.1164.034.830.01
Family Name / Aile Adı	Cubus Recessed
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	119mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>106lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Double Parabolic Aluminium Reflector / Çift Parabolik Aluminyum Reflektör

Cubus Recessed

Cubus Recessed / I02.LL.19175

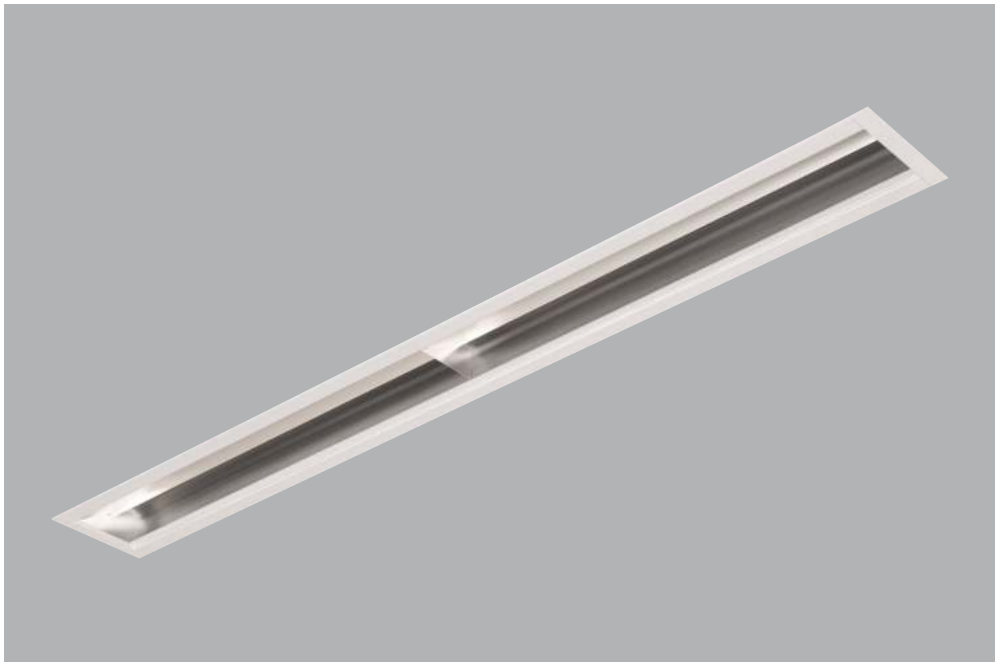
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
884mm	CRI>80	I02.LL.19175.(...).(...).(...).(...)	2700K	1944	2611
			3000K	2007	2693
			3500K	2038	2737
			4000K	2116	2842
			5000K	2147	2883
	CRI>90	I02.LL.19175.(...).(...).(...).(...)	2700K	1633	2193
			3000K	1680	2256
			3500K	1711	2298
			4000K	1773	2382
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1164mm	CRI>80	I02.LL.19175.(...).(...).(...).(...)	2700K	2365	3323
			3000K	2440	3430
			3500K	2478	3483
			4000K	2573	3616
			5000K	2610	3669
	CRI>90	I02.LL.19175.(...).(...).(...).(...)	2700K	1986	2791
			3000K	2042	2871
			3500K	2081	2924
			4000K	2156	3031
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1444mm	CRI>80	I02.LL.19175.(...).(...).(...).(...)	2700K	3019	4283
			3000K	3116	4420
			3500K	3165	4489
			4000K	3286	4660
			5000K	3334	4728
	CRI>90	I02.LL.19175.(...).(...).(...).(...)	2700K	2536	3597
			3000K	2609	3700
			3500K	2657	3768
			4000K	2754	3906
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1724mm	CRI>80	I02.LL.19175.(...).(...).(...).(...)	2700K	3701	5226
			3000K	3819	5394
			3500K	3879	5478
			4000K	4027	5687
			5000K	4086	5770
	CRI>90	I02.LL.19175.(...).(...).(...).(...)	2700K	3109	4389
			3000K	3197	4515
			3500K	3257	4598
			4000K	3375	4767
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
2004mm	CRI>80	I02.LL.19175.(...).(...).(...).(...)	2700K	4410	6186
			3000K	4550	6385
			3500K	4620	6483
			4000K	4797	6731
			5000K	4867	6830
	CRI>90	I02.LL.19175.(...).(...).(...).(...)	2700K	3703	5195
			3000K	3810	5344
			3500K	3880	5443
			4000K	4021	5642

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin			
884mm	100x864mm	20W 27W	20W (Direct) - 250mA 27W (Direct) - 350mA	827 CRI>80 - 2700K	927 CRI>90 - 2700K	
1164mm	100x1144mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	830 CRI>80 - 3000K	930 CRI>90 - 3000K	
1444mm	100x1424mm	30W 43W	30W (Direct) - 250mA 43W (Direct) - 350mA	835 CRI>80 - 3500K	935 CRI>90 - 3500K	
1724mm	100x1704mm	36W 51W	36W (Direct) - 250mA 51W (Direct) - 350mA	840 CRI>80 - 4000K	940 CRI>90 - 4000K	
2004mm	100x1984mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850 CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Cubus Recessed





* Code example / Kod örneği:

I02.LL.19177 . 1342 . 034 . 830 . 01

1 2 3 4 5

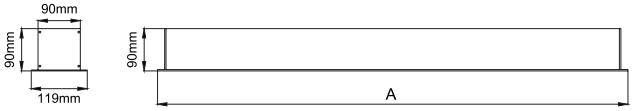
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

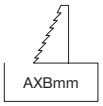
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

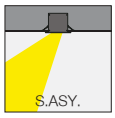
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim





Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19177.1342.034.830.01
Family Name / Aile Adı	Cubus Recessed
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	119mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>128lm/W
CRI	80
Light Distribution / Işık Dağılımı	Single Asymmetric Wallwasher / Tek Asimetrik Wallwasher
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h

Cubus Recessed

Cubus Recessed / I02.LL.19177

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	11.5W 200mA lm	17W 300mA lm
534mm	CRI>80	I02.LL.19177.(...).(...).(...).(...)	2700K	1418	2090
			3000K	1463	2157
			3500K	1486	2190
			4000K	1543	2274
			5000K	1565	2307
	CRI>90	I02.LL.19177.(...).(...).(...).(...)	2700K	1191	1755
			3000K	1225	1806
			3500K	1248	1839
			4000K	1293	1906
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	23W 200mA lm	34W 300mA lm
1034mm	CRI>80	I02.LL.19177.(...).(...).(...).(...)	2700K	2885	4219
			3000K	2977	4354
			3500K	3023	4421
			4000K	3139	4590
			5000K	3185	4657
	CRI>90	I02.LL.19177.(...).(...).(...).(...)	2700K	2423	3543
			3000K	2492	3645
			3500K	2539	3721
			4000K	2631	3847

(...) / Complete Code / Komple Kod

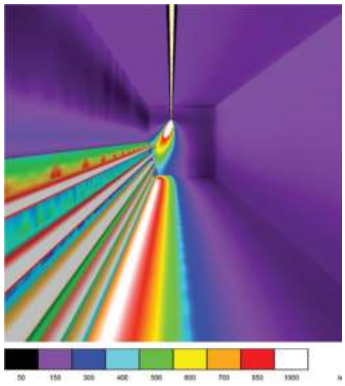
2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı
534mm	106x510mm	11.5W 0W (Direct) - 200mA 17W 0W (Direct) - 300mA
1034mm	106x1010mm	23W 0W (Direct) - 200mA 34W 0W (Direct) - 300mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

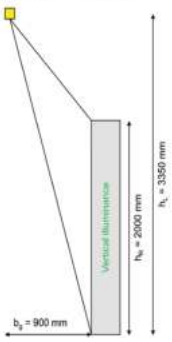
5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

Half Batwing / Tek Asimetrik

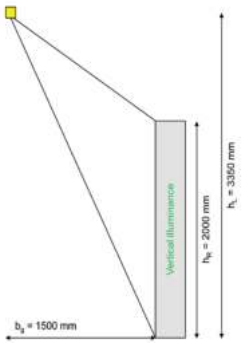




6. „half" Batwing: 1 x 20° - Szenario



5. „half" Batwing 1 x 30° - Szenario



Above is an example of market shelf display. Store height is 4mt and shelf height is 2mt. Fixture positioned 90cm distance from the rack due to narrow corridor structure of the building. 1x20° half batwing reflector enables avg. 600lux on the shelf whereas less than half to floor that creates visiual comfort on sales area with low UGR index and products on the shelf can be visiually better displayed.

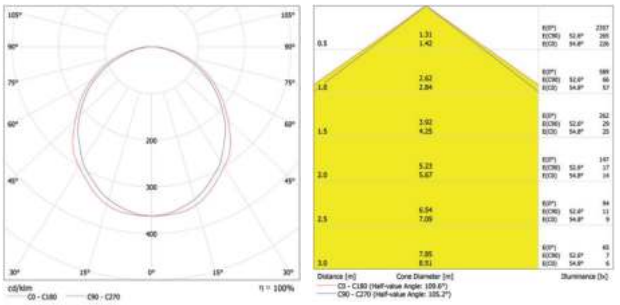
Yukarıda örnek market reyon aydınlatma dizaynını bulabilirsiniz. Mağaza yüksekliği 4mt, reyon yüksekliği ise 2mt. Armatür dar koridor aralıklarından dolayı reyona 90cm mesafe ile yerleştirilerek 1x20° tek asimetrik reflektör ile aydınlatılmıştır. Reyon üzerinde ortalama 600lux elde edilirken koridorda bu değerin yarısından az bir değer alınarak hem düşük kamaşma indexi ile görsel konfor ve aynı zamanda sergilenen reyon ürünlerin ön plana çıkması sağlanmıştır.

LDT Files / LDT Dataları

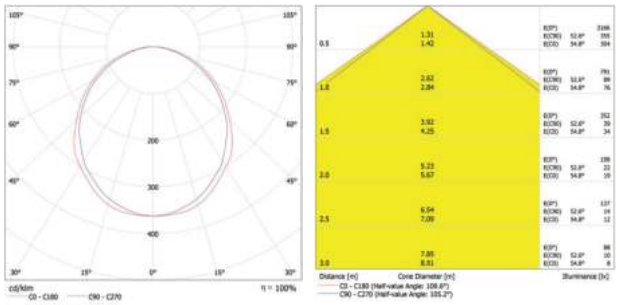


I02.LL.19170

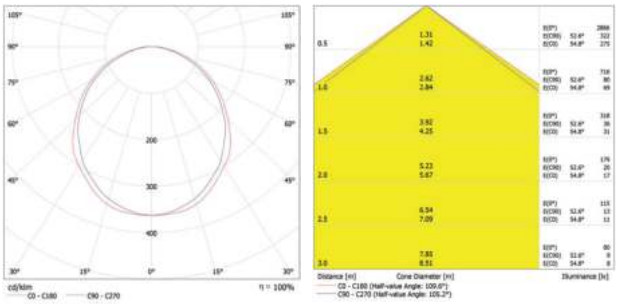
Beam Angle: 110° / 884mm — 20W / 250mA / SMD LED



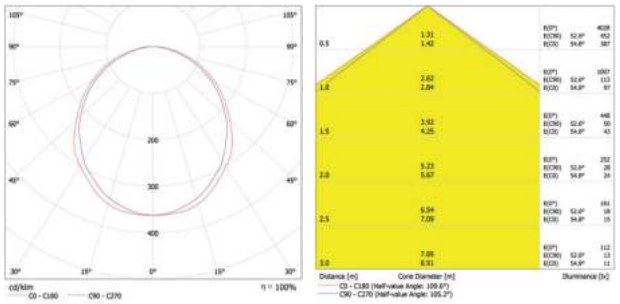
Beam Angle: 110° / 884mm — 27W / 350mA / SMD LED



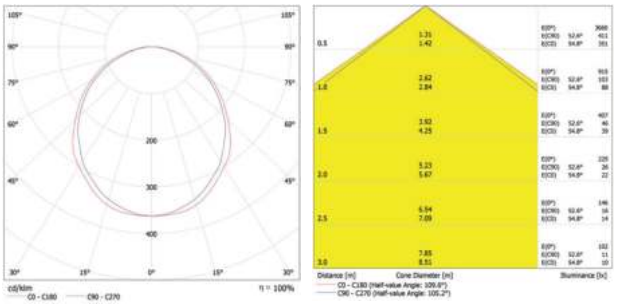
Beam Angle: 110° / 1164mm — 24W / 250mA / SMD LED



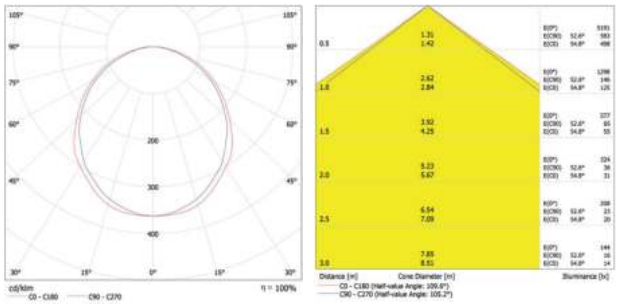
Beam Angle: 110° / 1164mm — 34W / 350mA / SMD LED



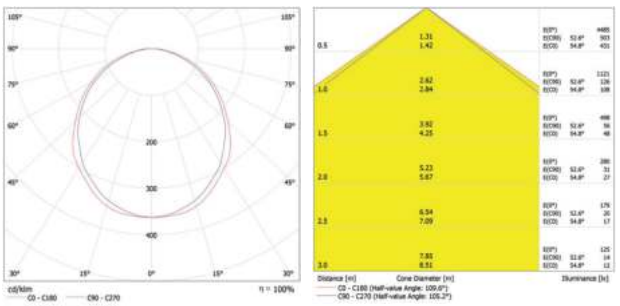
Beam Angle: 110° / 1444mm — 30W / 250mA / SMD LED



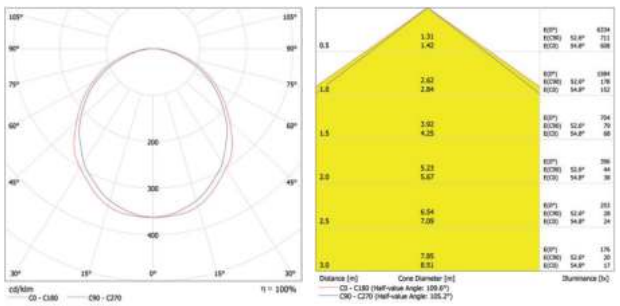
Beam Angle: 110° / 1444mm — 43W / 350mA / SMD LED



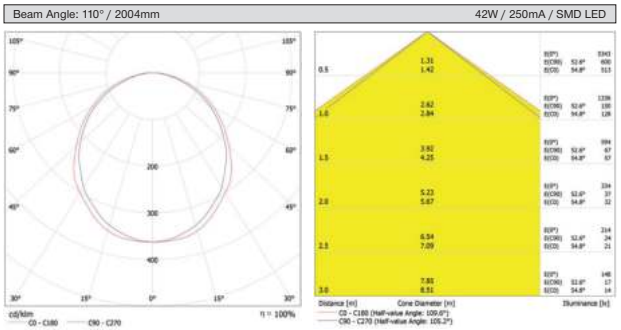
Beam Angle: 110° / 1724mm — 36W / 250mA / SMD LED



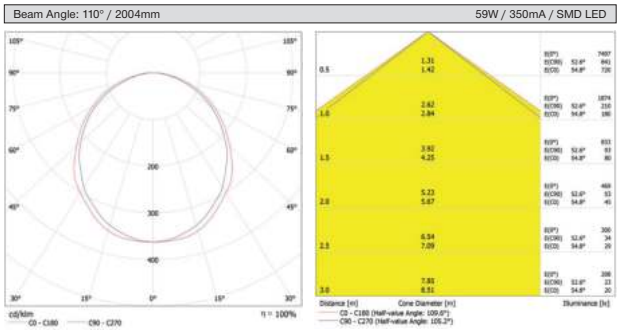
Beam Angle: 110° / 1724mm — 51W / 350mA / SMD LED



Beam Angle: 110° / 2004mm — 42W / 250mA / SMD LED



Beam Angle: 110° / 2004mm — 59W / 350mA / SMD LED

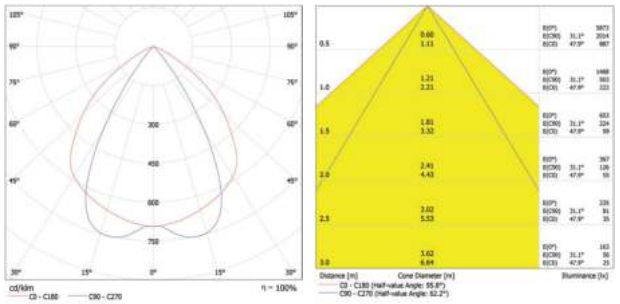


LDT Files / LDT Dataları

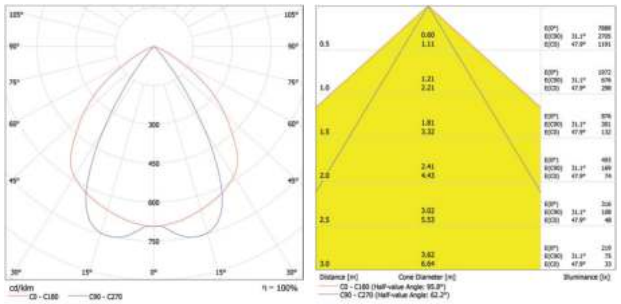


I02.LL.19175

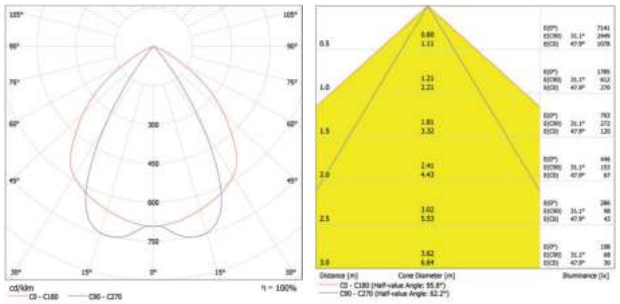
Beam Angle: 96° / 884mm — 20W / 250mA / SMD LED



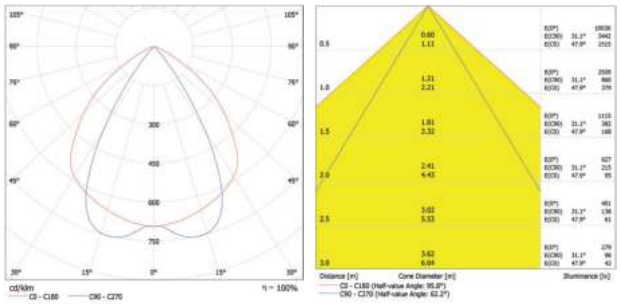
Beam Angle: 96° / 884mm — 27W / 350mA / SMD LED



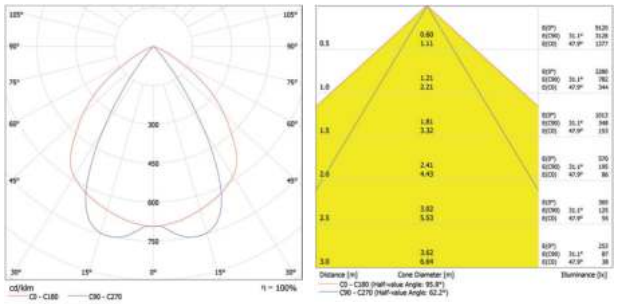
Beam Angle: 96° / 1164mm — 24W / 250mA / SMD LED



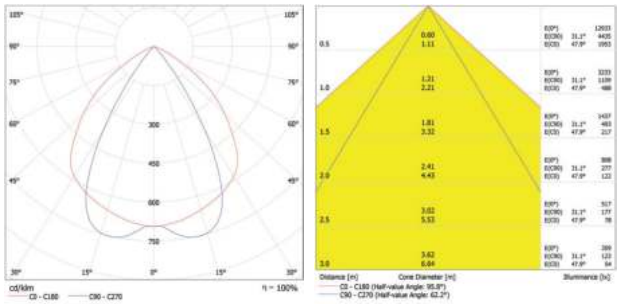
Beam Angle: 96° / 1164mm — 34W / 350mA / SMD LED



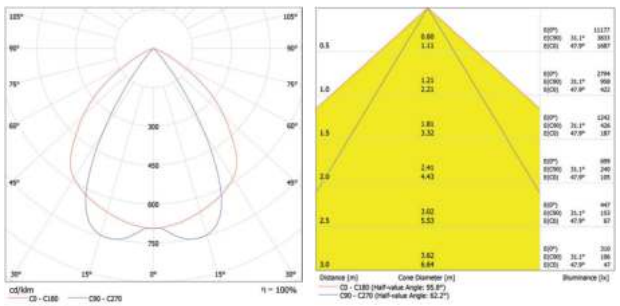
Beam Angle: 96° / 1444mm — 30W / 250mA / SMD LED



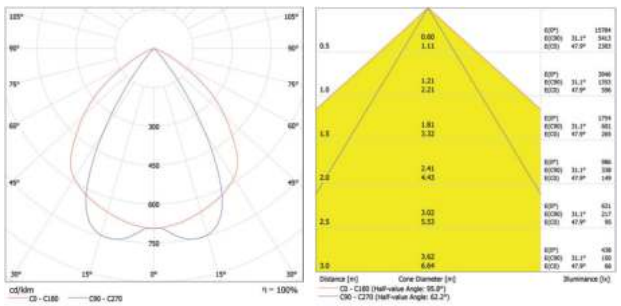
Beam Angle: 96° / 1444mm — 43W / 350mA / SMD LED



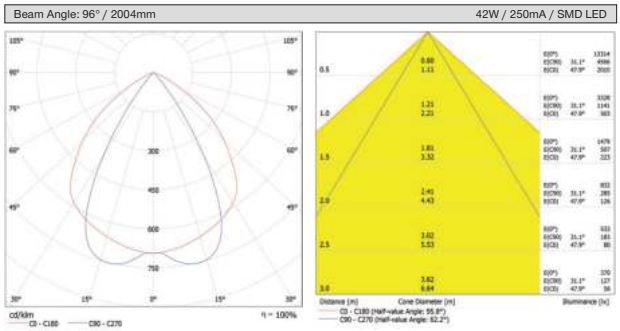
Beam Angle: 96° / 1724mm — 36W / 250mA / SMD LED



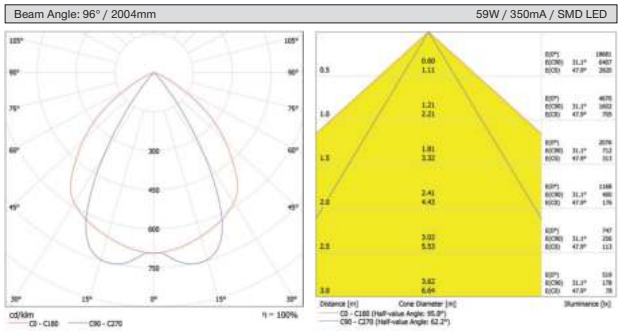
Beam Angle: 96° / 1724mm — 51W / 350mA / SMD LED



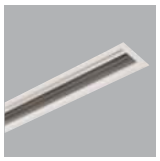
Beam Angle: 96° / 2004mm — 42W / 250mA / SMD LED



Beam Angle: 96° / 2004mm — 59W / 350mA / SMD LED

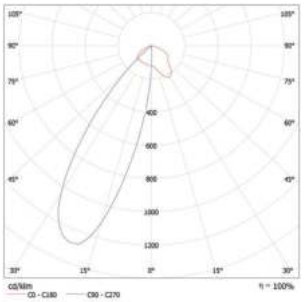


LDT Files / LDT Dataları

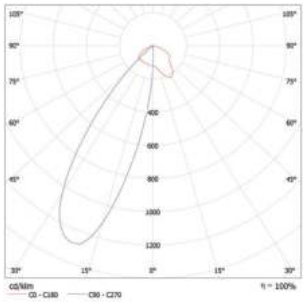


I02.LL.19177

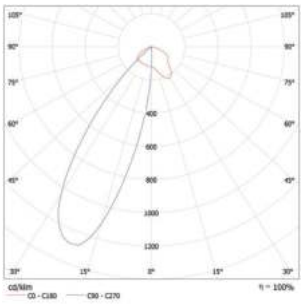
Beam Angle: Single Asymmetric / 534mm	11.5W / 200mA / SMD LED



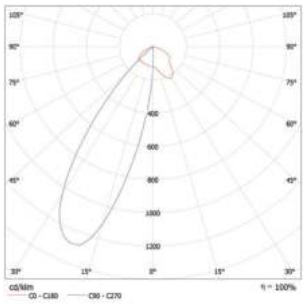
Beam Angle: Single Asymmetric / 534mm	17W / 300mA / SMD LED

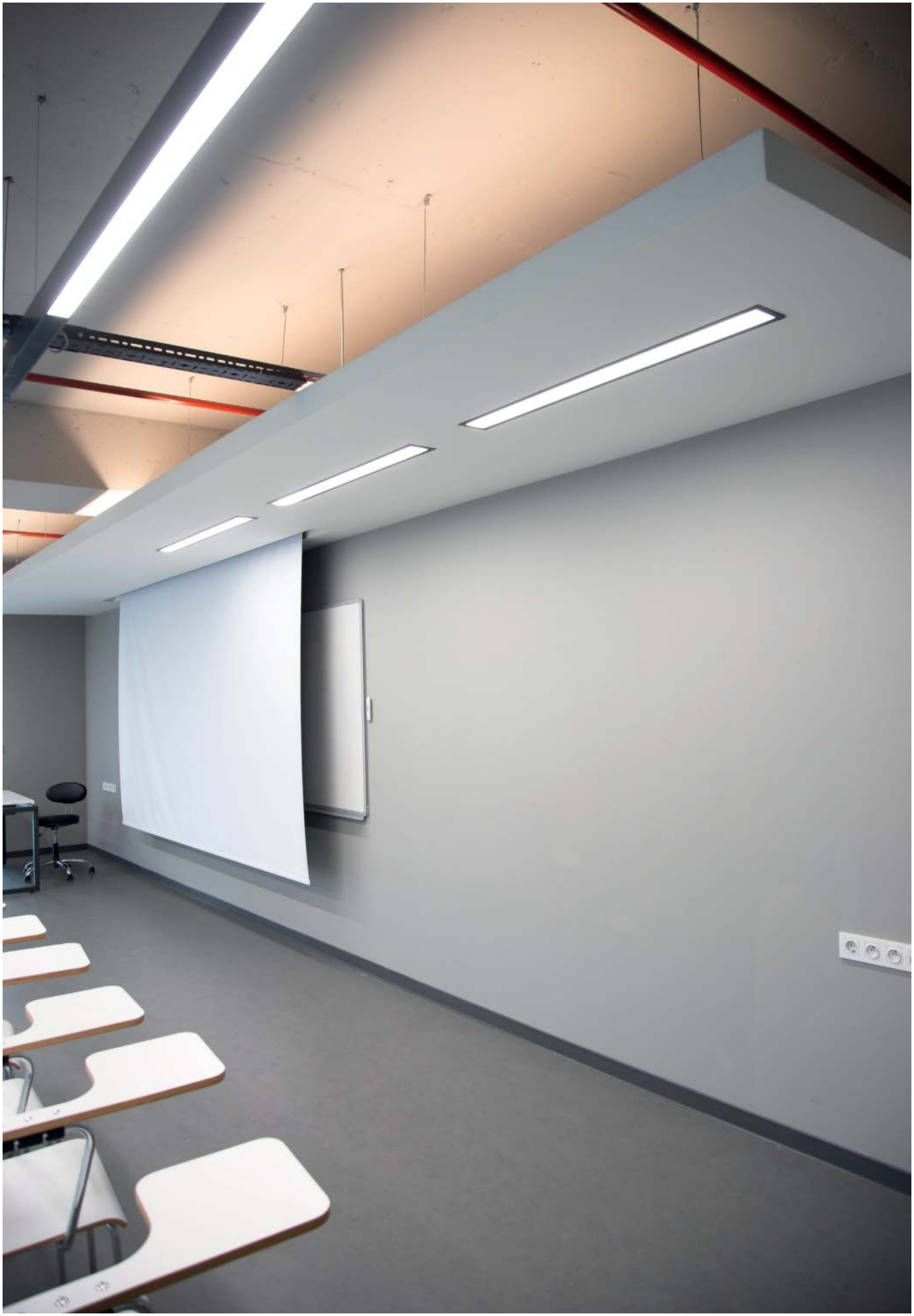


Beam Angle: Single Asymmetric / 1034mm	23W / 200mA / SMD LED



Beam Angle: Single Asymmetric / 1034mm	34W / 300mA / SMD LED





YATOMI Linea Led





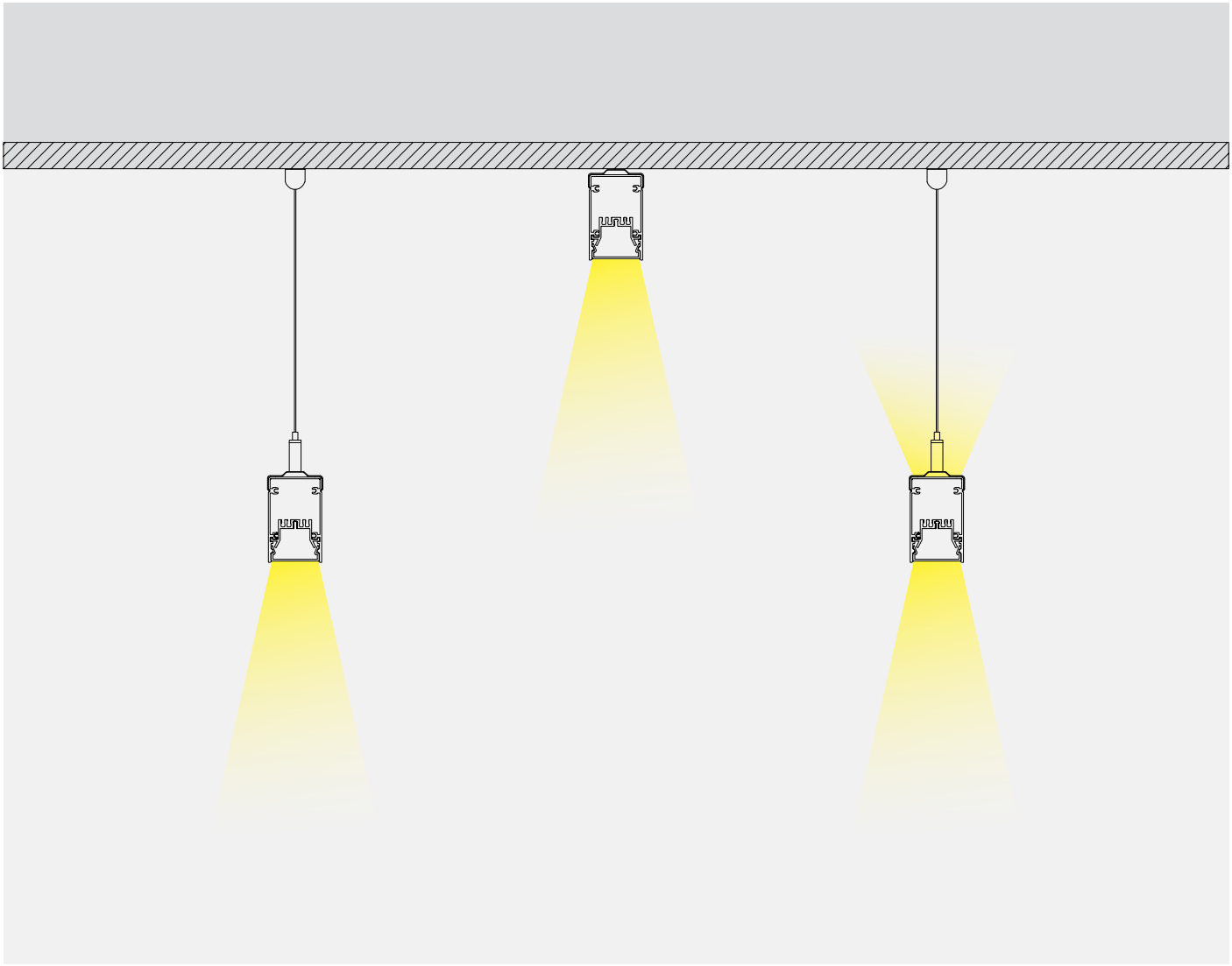
YATOMI is an ideal solution for many applications including office lighting, retails, hospitals etc. Minimalist profile enables this product widely preferred in various spaces. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size and DIM options including DALI, Tunable White, Wireless DIM etc.

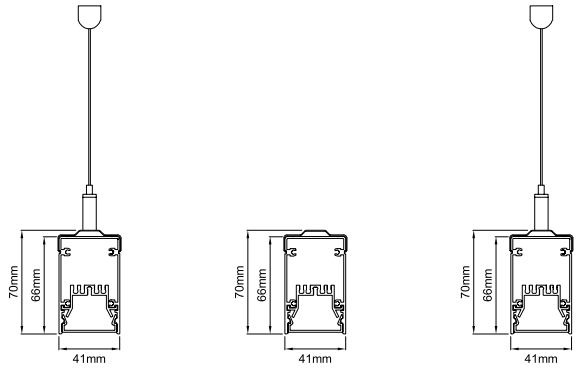
Suspendant direct, direct/indirect, surface mounted and track mounted options available.

YATOMI ofis, mağaza, hastane vb alanlarda aydınlatma çözümleri sağlar. Minimal profil yapısı sayesinde ofis ve benzeri alanlarda yaygın olarak tercih edilir. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç, boy ve DIM tercihleri ile uygulanabilir. DIM seçenekleri arasında DALI, Dinamik Beyaz, Kablosuz DIM gibi seçeneklerde mevcuttur.

Sarkıt direkt, sarkıt direkt/endirekt, sıvaüstü ve raya monte montaj seçenekleri mevcuttur.

Yatomi

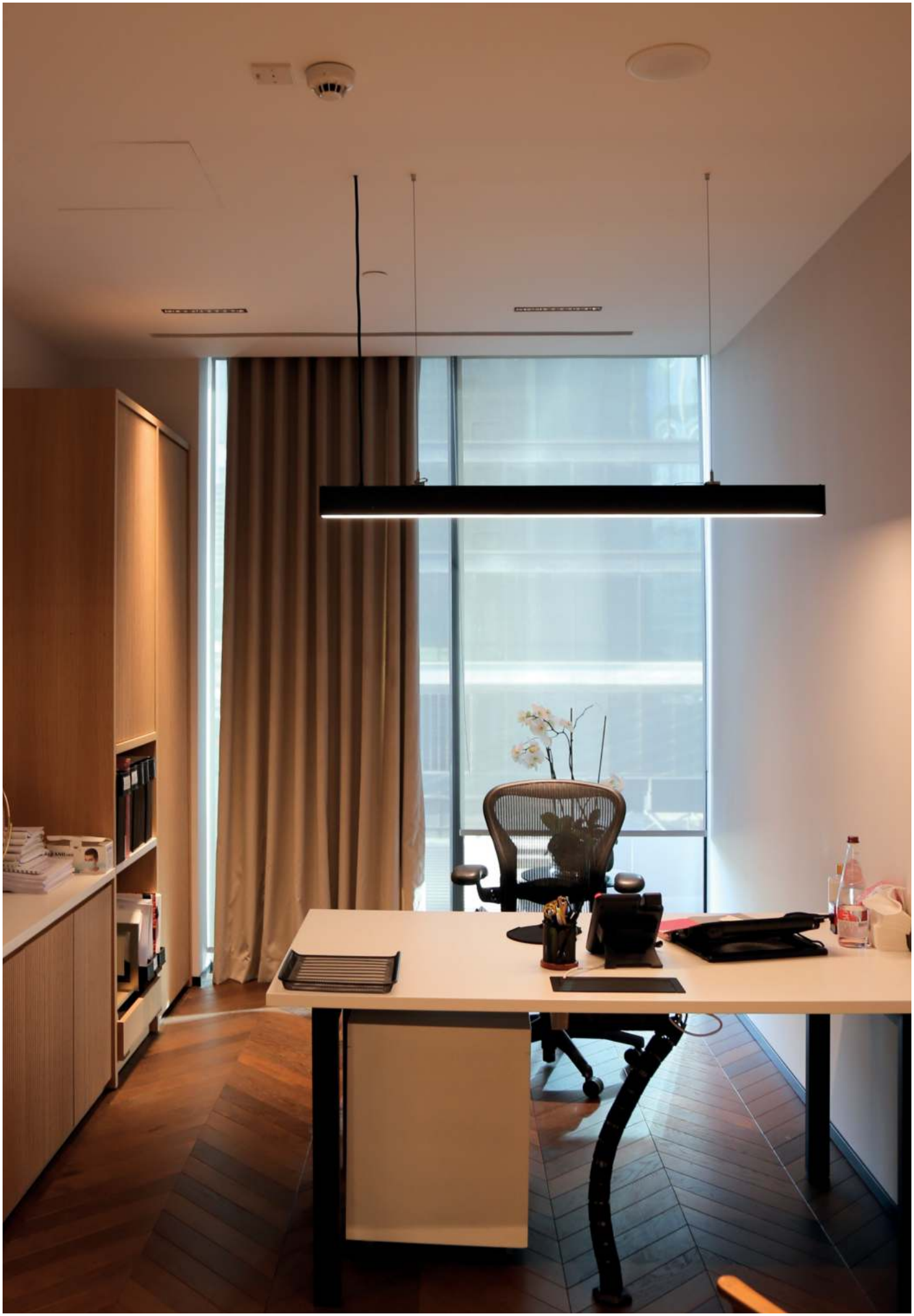




YATOMI Linear System

Yatomi Linear System consists of many different versions including suspendant direct, suspendant direct/indirect, and surface mounted including various dim options and lenghts.

Avolux Yatomi serisi sakıt direkt, sarkıt direkt/endirekt ve sıvaüstü dahil farklı montaj şekillerine sahiptir. Birçok farklı boy ve dim seçenekleri uygulanabilir.



Yatomi

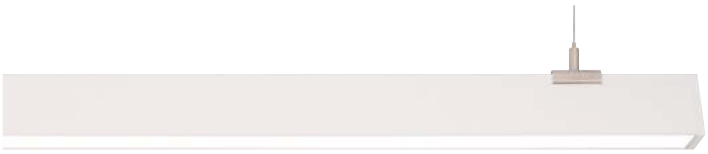
DIM Options / DIM seçenekleri

		 Yatomi Susp.	 Yatomi Surface	 Yatomi Track	 Yatomi Dir./Ind.
ON-OFF		•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH				
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM				
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its YATOMI linear range that provides easy control and saves time on wiring during installation.

Avolux YATOMI serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Yatomi linear range.

Avolux Yatomi serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Yatomi

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its YATOMI linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux YATOMI serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



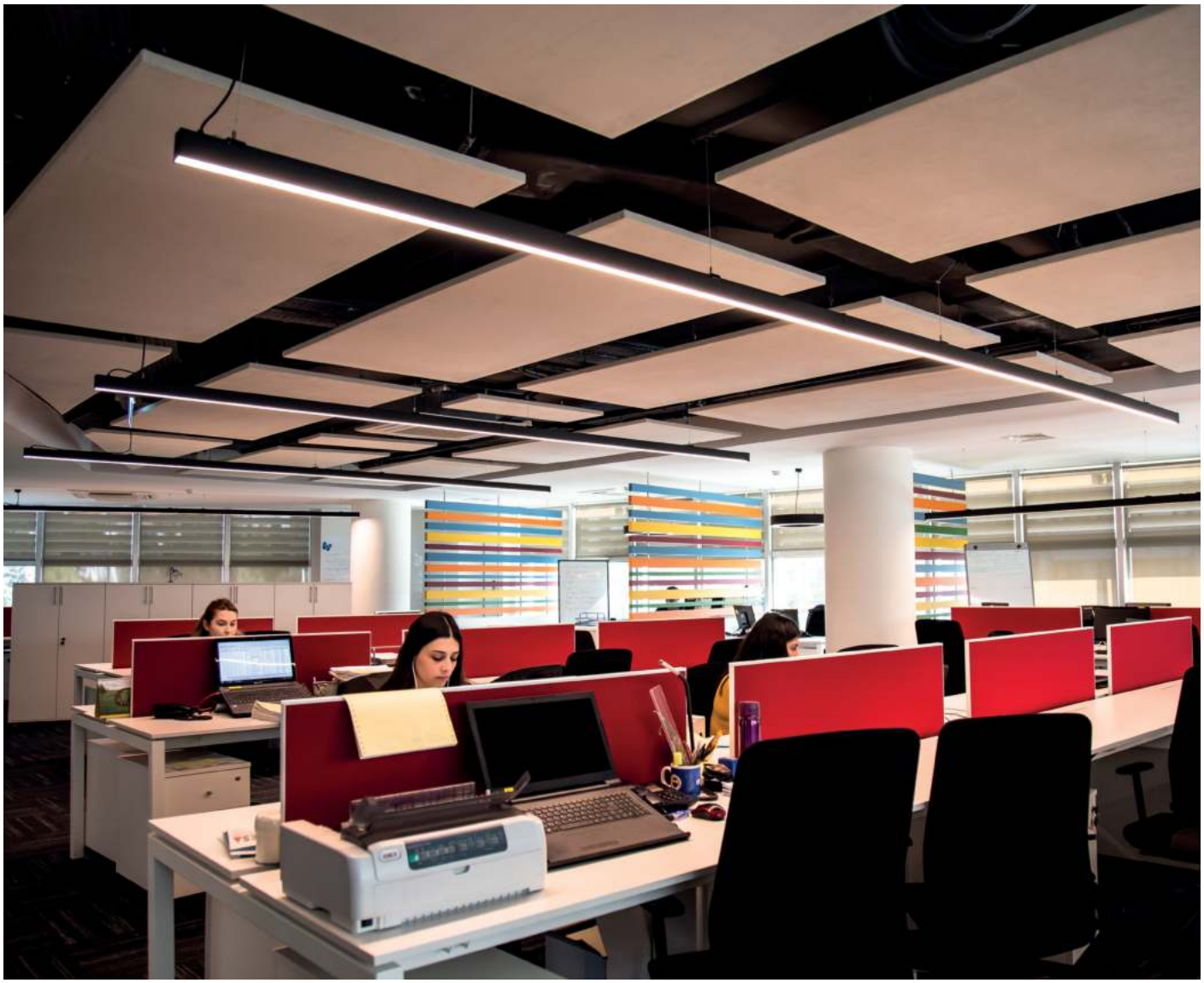
Android & İOS



Xpress

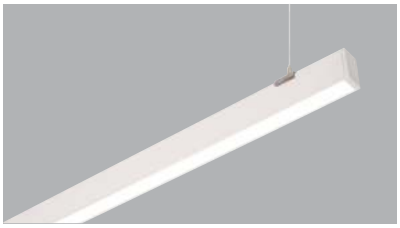






Yatomi Suspendant





* Code example / Kod örneği:

I02.LL.19318 . 1175 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili

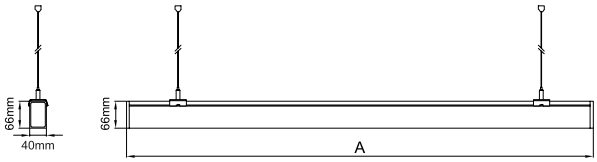




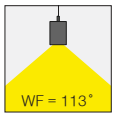
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19318.1175.034.830.01
Family Name / Aile Adı	Yatomi
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	40mm
Profile Height / Profil Yüksekliği	66mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>108lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Yatomi Suspendant

Yatomi Suspendant / I02.LL.19318

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
895mm	CRI>80	I02.LL.19318.(...).(...).(...).(...)	2700K	2101	2662
			3000K	2168	2748
			3500K	2202	2790
			4000K	2286	2897
			5000K	2319	2939
	CRI>90	I02.LL.19318.(...).(...).(...).(...)	2700K	1765	2236
			3000K	1815	2300
			3500K	1849	2343
			4000K	1916	2428
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1175mm	CRI>80	I02.LL.19318.(...).(...).(...).(...)	2700K	2556	3388
			3000K	2638	3496
			3500K	2678	3550
			4000K	2781	3686
			5000K	2822	3740
	CRI>90	I02.LL.19318.(...).(...).(...).(...)	2700K	2147	2845
			3000K	2208	2927
			3500K	2249	2981
			4000K	2331	3089
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1455mm	CRI>80	I02.LL.19318.(...).(...).(...).(...)	2700K	3263	4366
			3000K	3367	4505
			3500K	3419	4575
			4000K	3550	4750
			5000K	3602	4820
	CRI>90	I02.LL.19318.(...).(...).(...).(...)	2700K	2740	3667
			3000K	2819	3772
			3500K	2871	3842
			4000K	2975	3981
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1735mm	CRI>80	I02.LL.19318.(...).(...).(...).(...)	2700K	4000	5328
			3000K	4128	5499
			3500K	4192	5584
			4000K	4352	5797
			5000K	4416	5882
	CRI>90	I02.LL.19318.(...).(...).(...).(...)	2700K	3360	4475
			3000K	3456	4603
			3500K	3520	4689
			4000K	3648	4859
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	58W 350mA lm
2015mm	CRI>80	I02.LL.19318.(...).(...).(...).(...)	2700K	4764	6306
			3000K	4916	6508
			3500K	4992	6609
			4000K	5183	6861
			5000K	5259	6962
	CRI>90	I02.LL.19318.(...).(...).(...).(...)	2700K	4001	5297
			3000K	4116	5449
			3500K	4192	5549
			4000K	4344	5751

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
895mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1175mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1455mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1735mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
2015mm	42W 42W (Direct) - 250mA 58W 58W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Yatomi Surface Mounted

Yatomi Surface Mounted / I02.LL.19317



* Code example / Kod örneği:

I02.LL.19317 . 1175 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
895mm	CRI>80	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	2101	2662
			3000K	2168	2748
			3500K	2202	2790
			4000K	2286	2897
			5000K	2319	2939
	CRI>90	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	1765	2236
			3000K	1815	2300
			3500K	1849	2343
			4000K	1916	2428
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1175mm	CRI>80	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	2556	3388
			3000K	2638	3496
			3500K	2678	3550
			4000K	2781	3686
			5000K	2822	3740
	CRI>90	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	2147	2845
			3000K	2208	2927
			3500K	2249	2981
			4000K	2331	3089
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1455mm	CRI>80	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	3263	4366
			3000K	3367	4505
			3500K	3419	4575
			4000K	3550	4750
			5000K	3602	4820
	CRI>90	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	2740	3667
			3000K	2819	3772
			3500K	2871	3842
			4000K	2975	3981
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1735mm	CRI>80	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	4000	5328
			3000K	4128	5499
			3500K	4192	5584
			4000K	4352	5797
			5000K	4416	5882
	CRI>90	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	3360	4475
			3000K	3456	4603
			3500K	3520	4689
			4000K	3648	4859
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**58W 350mA lm**
2015mm	CRI>80	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	4764	6306
			3000K	4916	6508
			3500K	4992	6609
			4000K	5183	6861
			5000K	5259	6962
	CRI>90	I02.LL.19317 . (...) . (...) . (...) . (...)	2700K	4001	5297
			3000K	4116	5449
			3500K	4192	5549
			4000K	4344	5751

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
895mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1175mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1455mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
1735mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
2015mm	42W 42W (Direct) - 250mA 58W 58W (Direct) - 350mA	850	CRI>80 - 5000K				05	dark gray
							06	special color

Yatomi Track Mounted

Yatomi Track Mounted / I02.LL.19316



* Code example / Kod örneği:

I02.LL.19316 . 1175 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
895mm	CRI>80	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	2101	2662
			3000K	2168	2748
			3500K	2202	2790
			4000K	2286	2897
			5000K	2319	2939
	CRI>90	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	1765	2236
			3000K	1815	2300
			3500K	1849	2343
			4000K	1916	2428
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1175mm	CRI>80	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	2556	3388
			3000K	2638	3496
			3500K	2678	3550
			4000K	2781	3686
			5000K	2822	3740
	CRI>90	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	2147	2845
			3000K	2208	2927
			3500K	2249	2981
			4000K	2331	3089
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**43W 350mA lm**
1455mm	CRI>80	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	3263	4366
			3000K	3367	4505
			3500K	3419	4575
			4000K	3550	4750
			5000K	3602	4820
	CRI>90	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	2740	3667
			3000K	2819	3772
			3500K	2871	3842
			4000K	2975	3981
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1735mm	CRI>80	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	4000	5328
			3000K	4128	5499
			3500K	4192	5584
			4000K	4352	5797
			5000K	4416	5882
	CRI>90	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	3360	4475
			3000K	3456	4603
			3500K	3520	4689
			4000K	3648	4859
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**58W 350mA lm**
2015mm	CRI>80	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	4764	6306
			3000K	4916	6508
			3500K	4992	6609
			4000K	5183	6861
			5000K	5259	6962
	CRI>90	I02.LL.19316 . (...) . (...) . (...) . (...)	2700K	4001	5297
			3000K	4116	5449
			3500K	4192	5549
			4000K	4344	5751

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
895mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1175mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1455mm	30W 30W (Direct) - 250mA 43W 43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1735mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
2015mm	42W 42W (Direct) - 250mA 58W 58W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Yatomi Direct / Indirect





* Code example / Kod örneği:

I02.LL.19319 . 1135 . 049 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





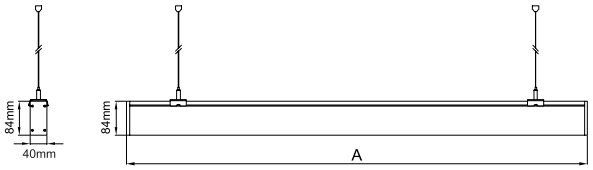
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

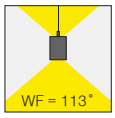


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19319.1135.049.830.01
Family Name / Aile Adı	Yatomi
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	41mm
Profile Height / Profil Yüksekliği	84mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>72lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Yatomi Direct / Indirect

Yatomi Direct / Indirect / I02.LL.19319

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm ↓	10W 250mA lm ↑	25W 350mA lm ↓	12W 350mA lm ↑
855mm	CRI>80	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1206	837	1528	1045
			3000K	1245	864	1577	1078
			3500K	1265	877	1607	1095
			4000K	1313	911	1663	1137
			5000K	1332	924	1687	1153
	CRI>90	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1013	703	1284	877
			3000K	1042	723	1320	904
			3500K	1062	736	1345	919
			4000K	1100	763	1394	953
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm ↓	12.5W 250mA lm ↑	34W 350mA lm ↓	15W 350mA lm ↑
1135mm	CRI>80	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1467	1016	1945	1319
			3000K	1514	1049	2007	1361
			3500K	1538	1065	2038	1382
			4000K	1597	1106	2116	1435
			5000K	1620	1122	2147	1455
	CRI>90	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1233	853	1633	1107
			3000K	1268	878	1680	1139
			3500K	1291	894	1711	1160
			4000K	1338	927	1773	1202
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm ↓	14W 250mA lm ↑	43W 350mA lm ↓	20W 350mA lm ↑
1415mm	CRI>80	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1874	1211	2506	1794
			3000K	1934	1250	2586	1851
			3500K	1964	1269	2626	1880
			4000K	2039	1318	2727	1952
			5000K	2069	1337	2767	1980
	CRI>90	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1574	1017	2105	1507
			3000K	1619	1046	2165	1550
			3500K	1649	1066	2205	1578
			4000K	1709	1104	2286	1636
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm ↓	17W 250mA lm ↑	51W 350mA lm ↓	24W 350mA lm ↑
1695mm	CRI>80	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	2297	1501	3059	2195
			3000K	2370	1550	3156	2265
			3500K	2407	1574	3205	2300
			4000K	2499	1634	3328	2388
			5000K	2535	1758	3377	2423
	CRI>90	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	1929	1261	2569	1843
			3000K	1984	1297	2643	1896
			3500K	2021	1321	2692	1931
			4000K	2094	1369	2789	2001
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm ↓	20W 250mA lm ↑	58W 350mA lm ↓	28W 350mA lm ↑
1975mm	CRI>80	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	2735	1804	3620	2587
			3000K	2823	1862	3736	2670
			3500K	2866	1890	3794	2711
			4000K	2976	1963	3939	2815
			5000K	3020	1992	3997	2856
	CRI>90	I02.LL.19319 . (...) . (...) . (...) . (...)	2700K	2297	1515	3041	2173
			3000K	2363	1559	3128	2235
			3500K	2407	1587	3186	2277
			4000K	2494	1645	3302	2359

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
855mm	30W 37W	20W (Direct) 10W (Indirect)- 250mA 25W (Direct) 12W (Indirect)- 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
1135mm	36.5W 49W	24W (Direct) 12.5W (Indirect)- 250mA 34W (Direct) 15W (Indirect)- 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
1415mm	44W 63W	30W (Direct) 14W (Indirect)- 250mA 43W (Direct) 20W (Indirect)- 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
1695mm	53W 75W	36W (Direct) 17W (Indirect)- 250mA 51W (Direct) 24W (Indirect)- 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
1975mm	62W 86W	42W (Direct) 20W (Indirect)- 250mA 58W (Direct) 28W (Indirect)- 350mA	850	CRI>80 - 5000K			05 dark gray
							06 special color

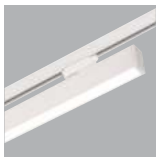
LDT Files / LDT Dataları



I02.LL.19318

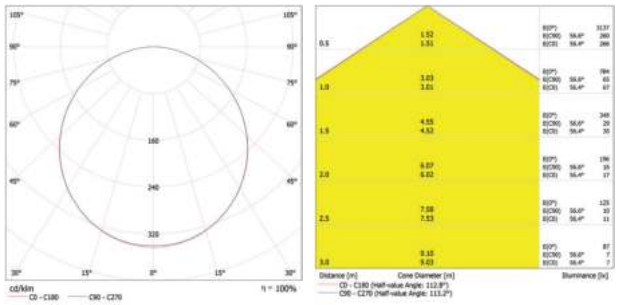


I02.LL.19317

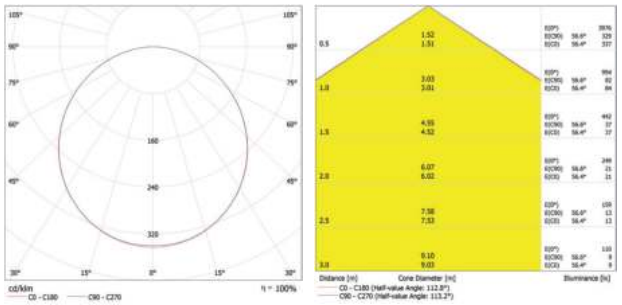


I02.LL.19316

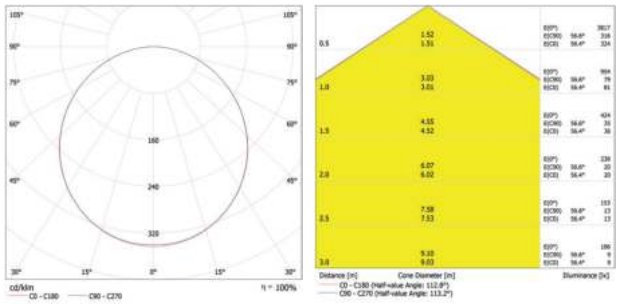
Beam Angle: 113° / 895mm — 20W / 250mA / SMD LED



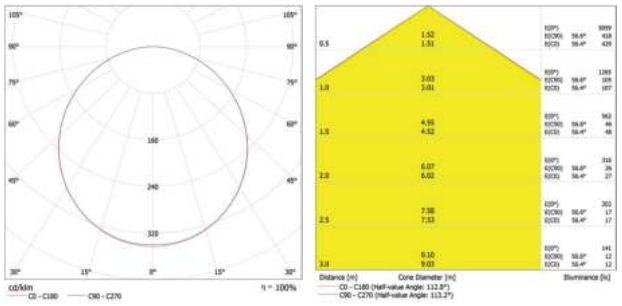
Beam Angle: 113° / 895mm — 25W / 350mA / SMD LED



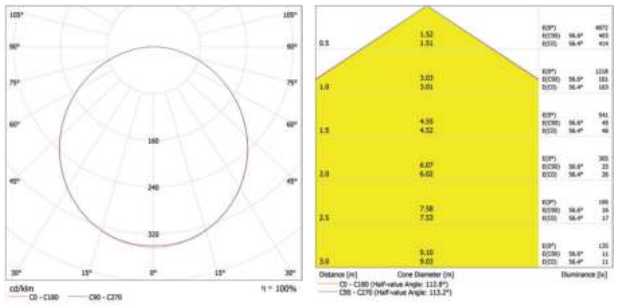
Beam Angle: 113° / 1175mm — 24W / 250mA / SMD LED



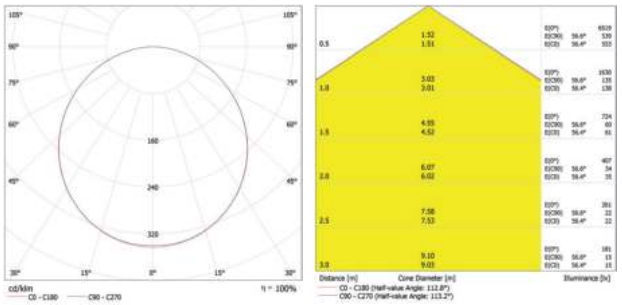
Beam Angle: 113° / 1175mm — 34W / 350mA / SMD LED



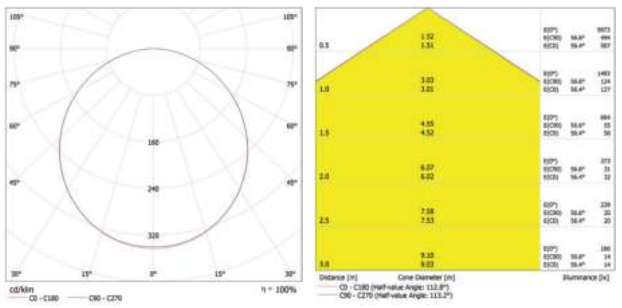
Beam Angle: 113° / 1455mm — 30W / 250mA / SMD LED



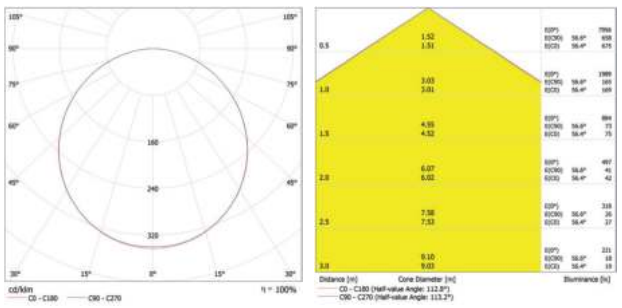
Beam Angle: 113° / 1455mm — 43W / 350mA / SMD LED



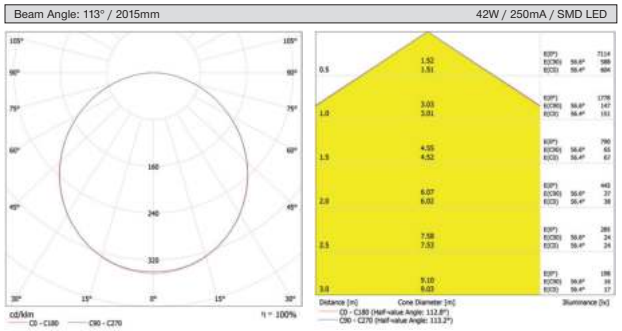
Beam Angle: 113° / 1735mm — 36W / 250mA / SMD LED



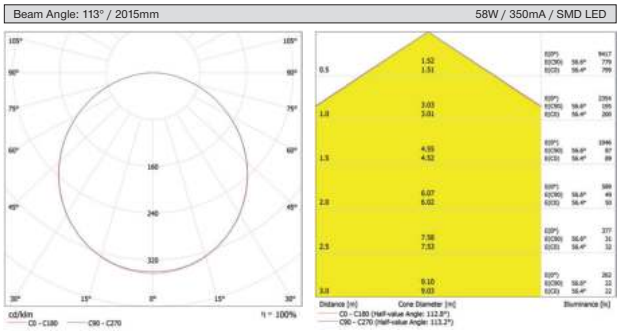
Beam Angle: 113° / 1735mm — 51W / 350mA / SMD LED



Beam Angle: 113° / 2015mm — 42W / 250mA / SMD LED



Beam Angle: 113° / 2015mm — 58W / 350mA / SMD LED

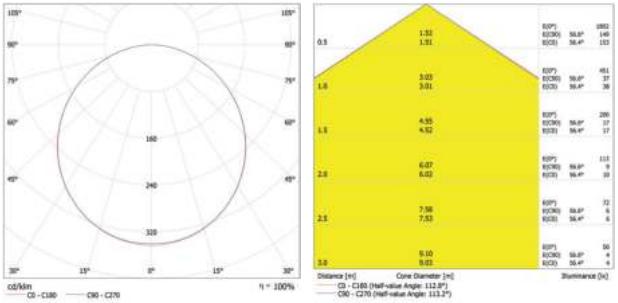


LDT Files / LDT Dataları

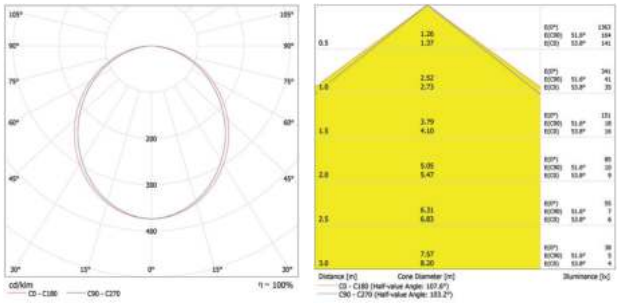


I02.LL.19319

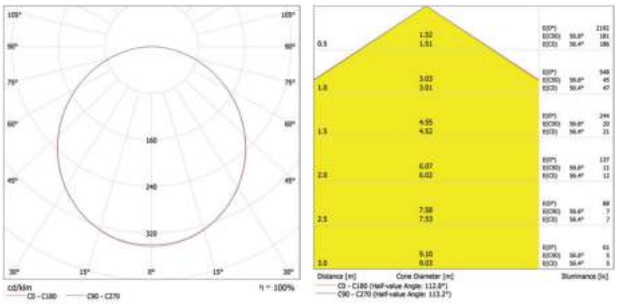
Beam Angle: 113° / 855mm — 20W / 250mA / Direct / SMD LED



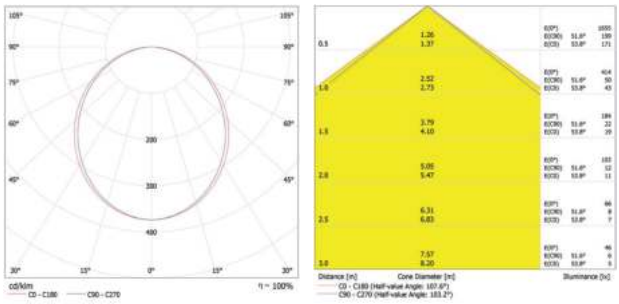
Beam Angle: 113° / 855mm — 10W / 250mA / Indirect / SMD LED



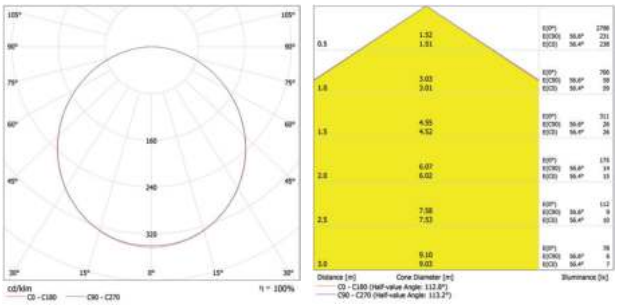
Beam Angle: 113° / 1135mm — 24W / 250mA / Direct / SMD LED



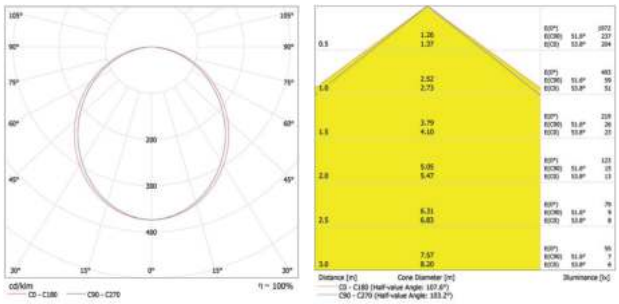
Beam Angle: 113° / 1135mm — 12.5W / 250mA / Indirect / SMD LED



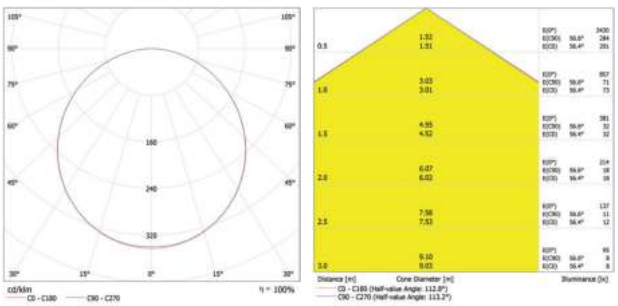
Beam Angle: 113° / 1415mm — 30W / 250mA / Direct / SMD LED



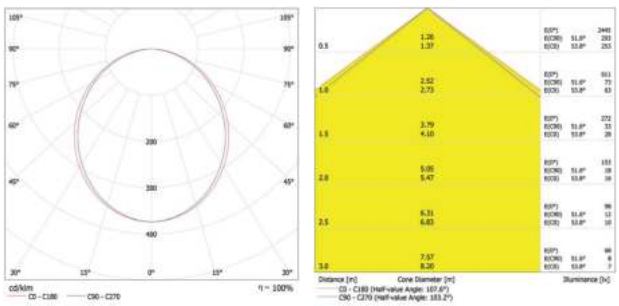
Beam Angle: 113° / 1415mm — 14W / 250mA / Indirect / SMD LED



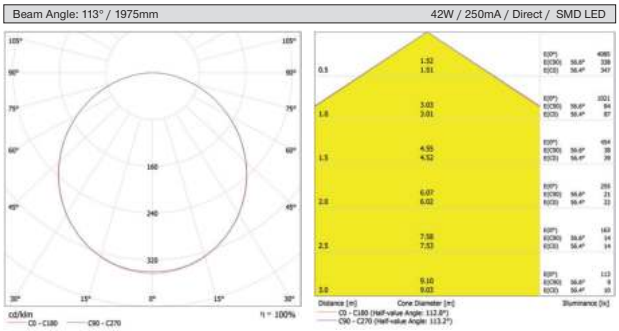
Beam Angle: 113° / 1695mm — 36W / 250mA / Direct / SMD LED



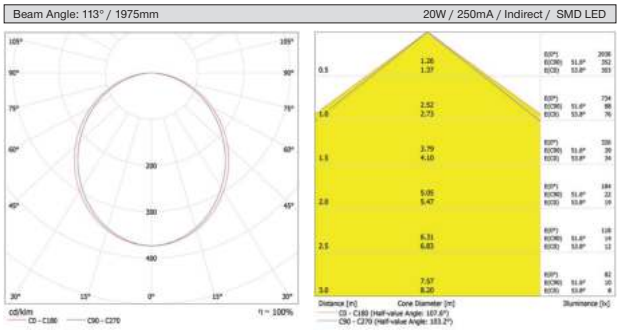
Beam Angle: 113° / 1695mm — 17W / 250mA / Indirect / SMD LED



Beam Angle: 113° / 1975mm — 42W / 250mA / Direct / SMD LED



Beam Angle: 113° / 1975mm — 20W / 250mA / Indirect / SMD LED

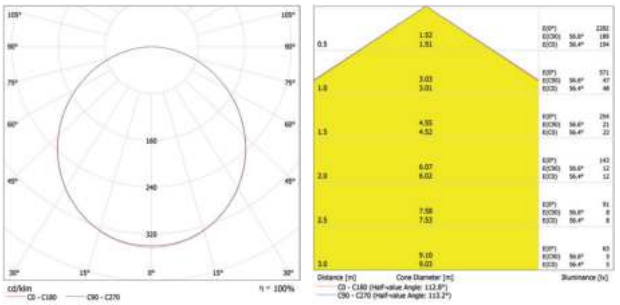


LDT Files / LDT Dataları

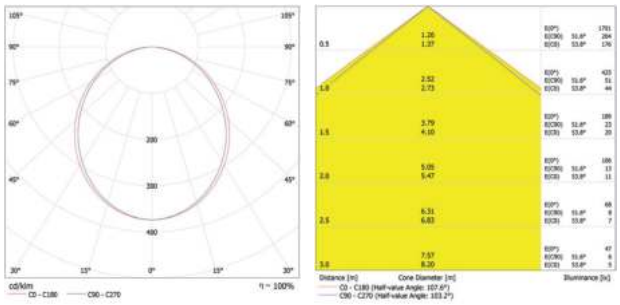


I02.LL.19319

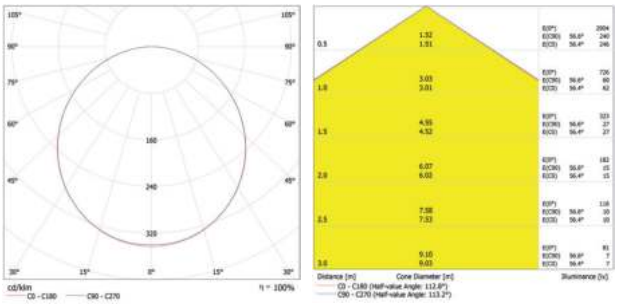
Beam Angle: 113° / 855mm	25W / 350mA / Direct / SMD LED



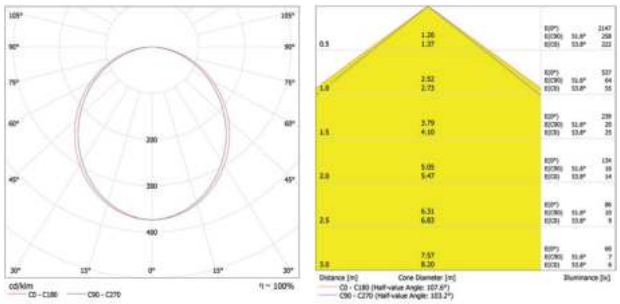
Beam Angle: 113° / 855mm	12W / 350mA / Indirect / SMD LED



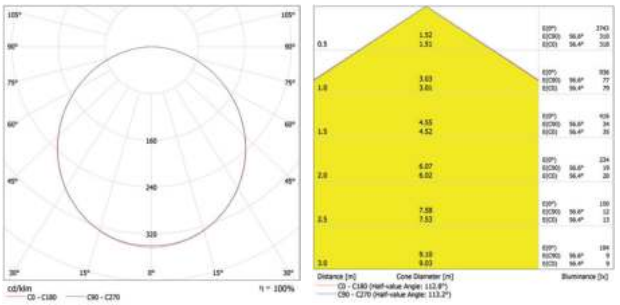
Beam Angle: 113° / 1135mm	34W / 350mA / Direct / SMD LED



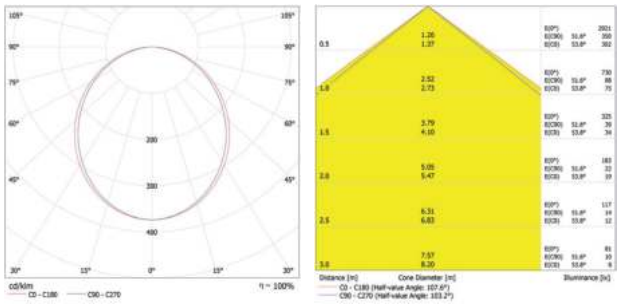
Beam Angle: 113° / 1135mm	15W / 350mA / Indirect / SMD LED



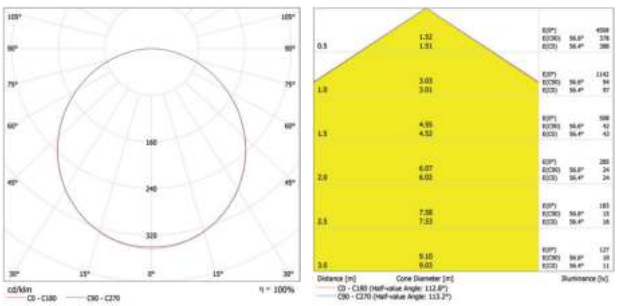
Beam Angle: 113° / 1415mm	43W / 350mA / Direct / SMD LED



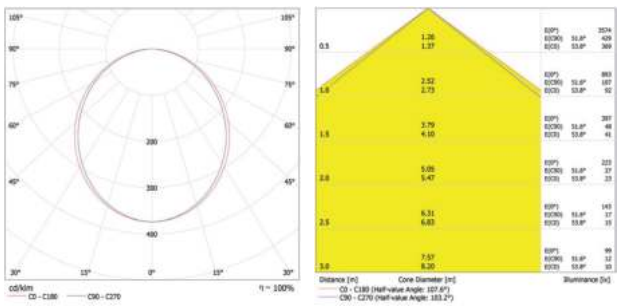
Beam Angle: 113° / 1415mm	20W / 350mA / Indirect / SMD LED



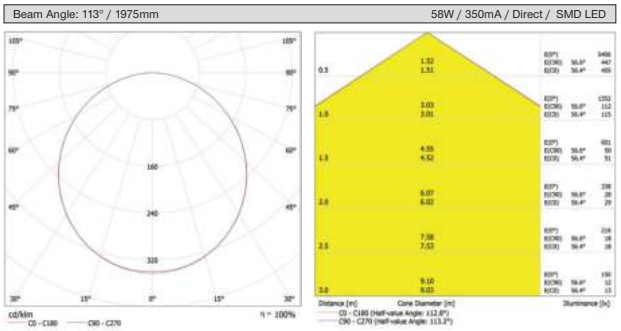
Beam Angle: 113° / 1695mm	51W / 350mA / Direct / SMD LED



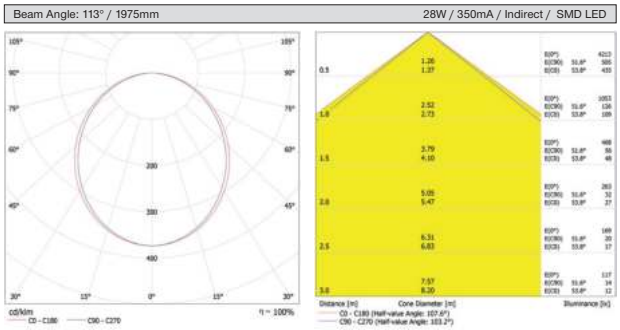
Beam Angle: 113° / 1695mm	24W / 350mA / Indirect / SMD LED



Beam Angle: 113° / 1975mm	58W / 350mA / Direct / SMD LED



Beam Angle: 113° / 1975mm	28W / 350mA / Indirect / SMD LED




SAKURA
AME

AXIS Linea Led





AXIS meets all relevant norms for both industry and supermarket while at the same time offers substanial payback. It delivers high lux level with low glare index. High efficient lens optic enables precise beam distribution in different variations like narrow, medium, wide and double assymetric. Trunking system continious line mounting enables to use this product in long line applications easily.

Main application areas are supermarkets, electronic stores etc. Latest led technology with highest lumen / watt preferred.

AXIS endüstriyel ve supermarket aydınlatma normlarına uyumludur. Verimli ışık çıkışı sayesinde enerji tasarrufu sağlar. Yüksek verimli lens optic sistemi ile dar, orta, geniş ve çift asimetirk gibi farklı ışık dağılımları sağlar. Kesintisiz montaj sistemi ile yüksek metrekareye sahip alanlarda kolayca uygulanır.

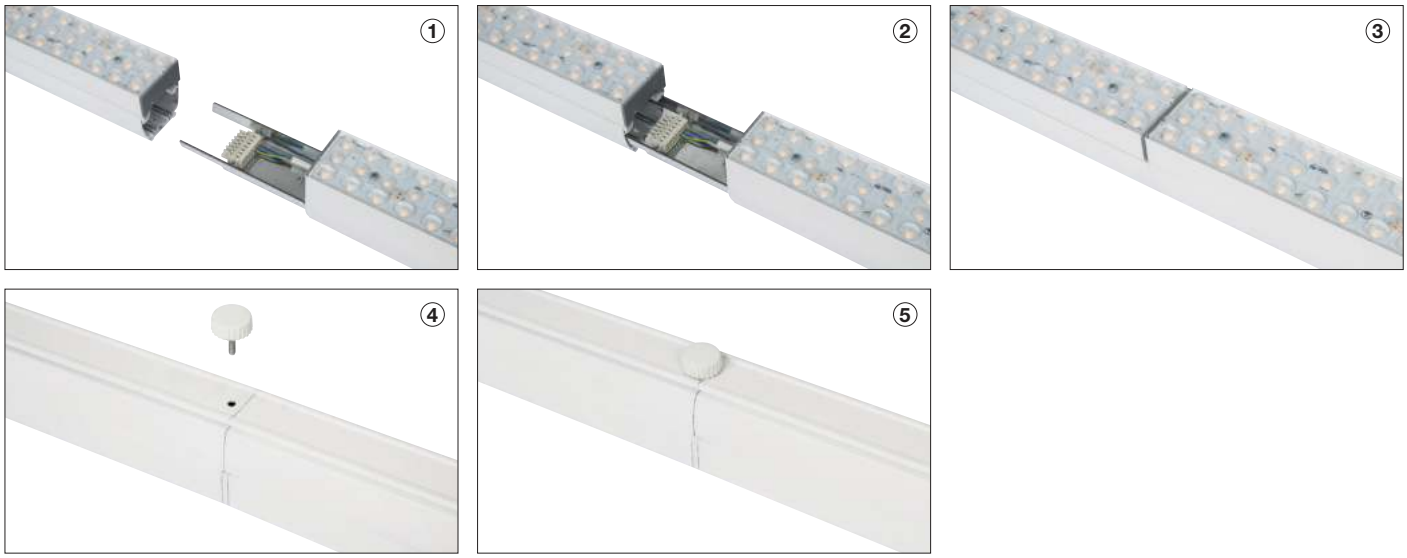
Market ve elektronik eşya satış mağazaları gibi birçok alanda kullanılabilir. Yüksek verimliliğe sahip son teknoloji LED ışık kaynağı tercih edilmektedir.

Axis

Continious Mounting / Kesintisiz Montaj

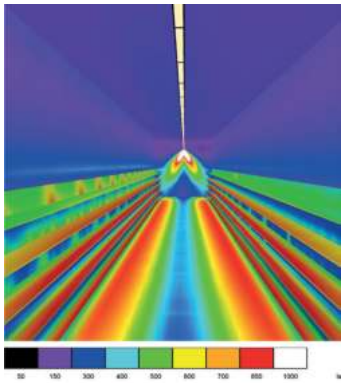
The wiring of the AXIS enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wago connector is being preffered with options of 5-pole for standard on/off, 7-pole for dimmable, 9-pole for emergency applications. Connection profile mounted at the end of each line provides rigid connection between two profiles. Each unit has 1.44mt lenght.

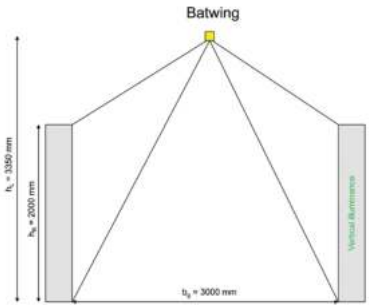
AXIS'in sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa seçeneği için 5'li, dim edebilme özelliği için 7'li ve acil kit uygulamaları için 9'lu wago seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur. Her bir ünitenin uznuluğu 1.44mt'dir.



Batwing / Çift Asimetrik







Above is an example of market shelf display. Store height is 4mt and shelf height is 2mt. Fixture suspended to 3.35mt and positioned 150cm distance from each rack. Batwing lens optic enables avg. 800lux on the shelfs whereas less than half to floor that creates visiual comfort on sales area with low UGR index and products on the shelf can be visiually better displayed.

Yukarıda örnek market reyon aydınlatma dizaynını bulabilirsiniz. Mağaza yüksekliği 4mt, reyon yüksekliği ise 2.00mt olup armatür 3.35mt yüksekliğe sarkıtıldı. Armatür hattı iki reyonun tam ortasına her reyondan 150cm mesafe de yerleştirilerek çift asimetrik lens optik ile aydınlatılmıştır. Reyon üzerinde ortalama 800lux elde edilirken koridorda bu değerin yarısından az bir değer alınarak hem düşük kamaşma indexi ile görsel konfor ve aynı zamanda sergilenen reyon ürünlerin ön plana çıkması sağlanmıştır.

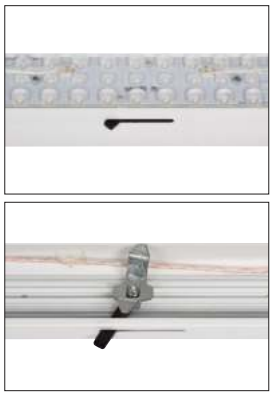
Axis

Mounting Details / Bağlantı Detayları



In order to to demount the upper lighting profile from trunking lower profile, take out the plastic arm cover as shown in the picture.

Led ışık kaynağının olduğu üst profili alt profilden ayırmak için kitleme kolunun üzerinde yer alan plastik kol kapağını çıkarın.



When the locking arm is at left, fitting is locked. When the locking arm is at right, fitting is unlocked.

Kitleme kolu sol pozisyonda iken armatür kilitli, sağ pozisyonda iken açık/demontaj konumundadır.



Integrating BJB's lampholder for linear flat, trunking profile easily connected to LED profile with click fit system.

BJB'nin özel geliştirdiği 'click-fit' sistemine sahip lineer flat duyun armatüre entegre olması sayesinde, kesintisiz bağlantı profili ile LED profili birbirine kolayca bağlanır ve sökülür.

Lens Options / Lens Seçenekleri



35° symmetric narrow beam angle lens optic

35° simetrik dar açı lens optik



63° symmetric medium beam angle lens optic

63° simetrik orta açı lens optik



94° symmetric wide beam angle lens optic

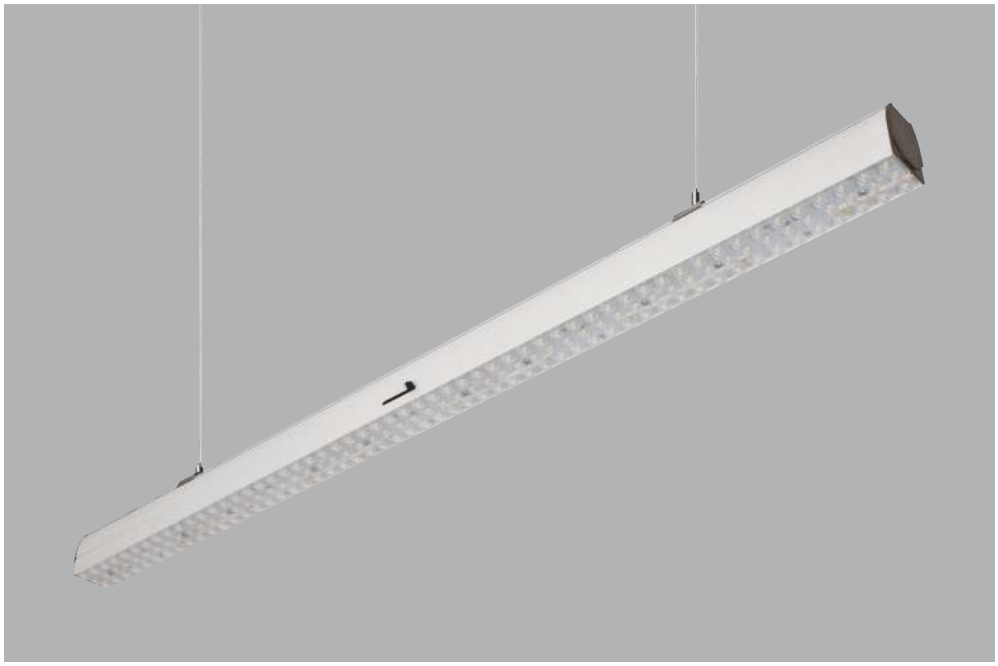
94° simetrik geniş açı lens optik



Asymmetric beam angle lens optic

Asimetrik açılı lens optik

Axis





* Code example / Kod örneği:

I02.LL.19430 . 1440 . 042 . 063 . 830 . 01

1 2 3 4 5 6

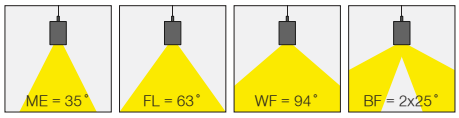
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 3.3 | CRI 80 CRI 90

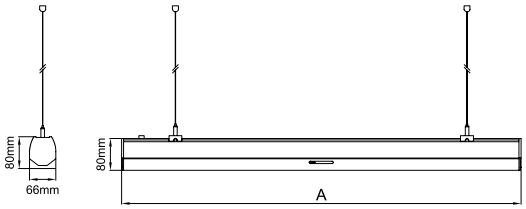
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



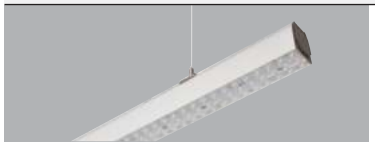
Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19430.1440.042.063.830.01
Family Name / Aile Adı	Axis
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	66mm
Profile Height / Profil Yüksekliği	80mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>128lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium, Flood, Wide Flood and Asymmetric light distribution / Simetrik Orta, Geniş, Çok Geniş ve Asimetrik Açılı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	High Efficient Lens Optic / Yüksek verimli Lens Optik

Axis

Axis Suspendant / I02.LL.19430



* Code example / Kod örneği:

I02.LL.19430 . 1440 . 042 . 063 . 830 . 01

1 2 3 4 5 6

Suspension Wire
Sarkıtma Teli



Suspension Profile
Sarkıtma Teli Bağlantı Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 300mA lm
1440mm	CRI>80	I02.LL.19430 . (...) . (...) . (...) . (...)	2700K	4921
			3000K	5077
			3500K	5156
			4000K	5355
			5000K	5431
	CRI>90	I02.LL.19430 . (...) . (...) . (...) . (...)	2700K	4132
			3000K	4250
			3500K	4330
			4000K	4487

Axis Surface Mounted / I02.LL.19431



* Code example / Kod örneği:

I02.LL.19431 . 1440 . 042 . 063 . 830 . 01

1 2 3 4 5 6

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 300mA lm
1440mm	CRI>80	I02.LL.19431 . (...) . (...) . (...) . (...)	2700K	4921
			3000K	5077
			3500K	5156
			4000K	5355
			5000K	5431
	CRI>90	I02.LL.19431 . (...) . (...) . (...) . (...)	2700K	4132
			3000K	4250
			3500K	4330
			4000K	4487

Axis Track Mounted / I02.LL.19432



* Code example / Kod örneği:

I02.LL.19432 . 1440 . 042 . 063 . 830 . 01

1 2 3 4 5 6

Track Adaptor
Ray Soketi



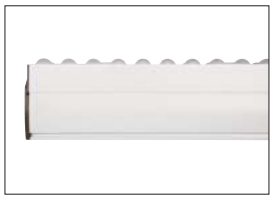
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 300mA lm
1440mm	CRI>80	I02.LL.19432 . (...) . (...) . (...) . (...)	2700K	4921
			3000K	5077
			3500K	5156
			4000K	5355
			5000K	5431
	CRI>90	I02.LL.19432 . (...) . (...) . (...) . (...)	2700K	4132
			3000K	4250
			3500K	4330
			4000K	4487

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1440mm	42W	42W (Direct) - 300mA	ME	35° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
		FL	63° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
		WF	94° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
		BF	2x25° - Batwing	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
				850	CRI>80 - 5000K			05	dark gray
								06	special color

Axis

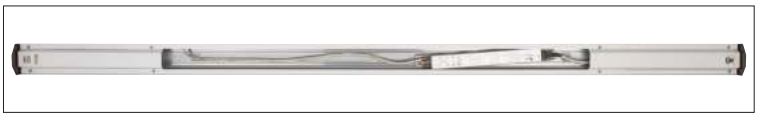
Product Details / Ürün Detayları



Close up view from side
Detaylı yandan görünüş



Close up view from top
Detaylı üstten görünüş

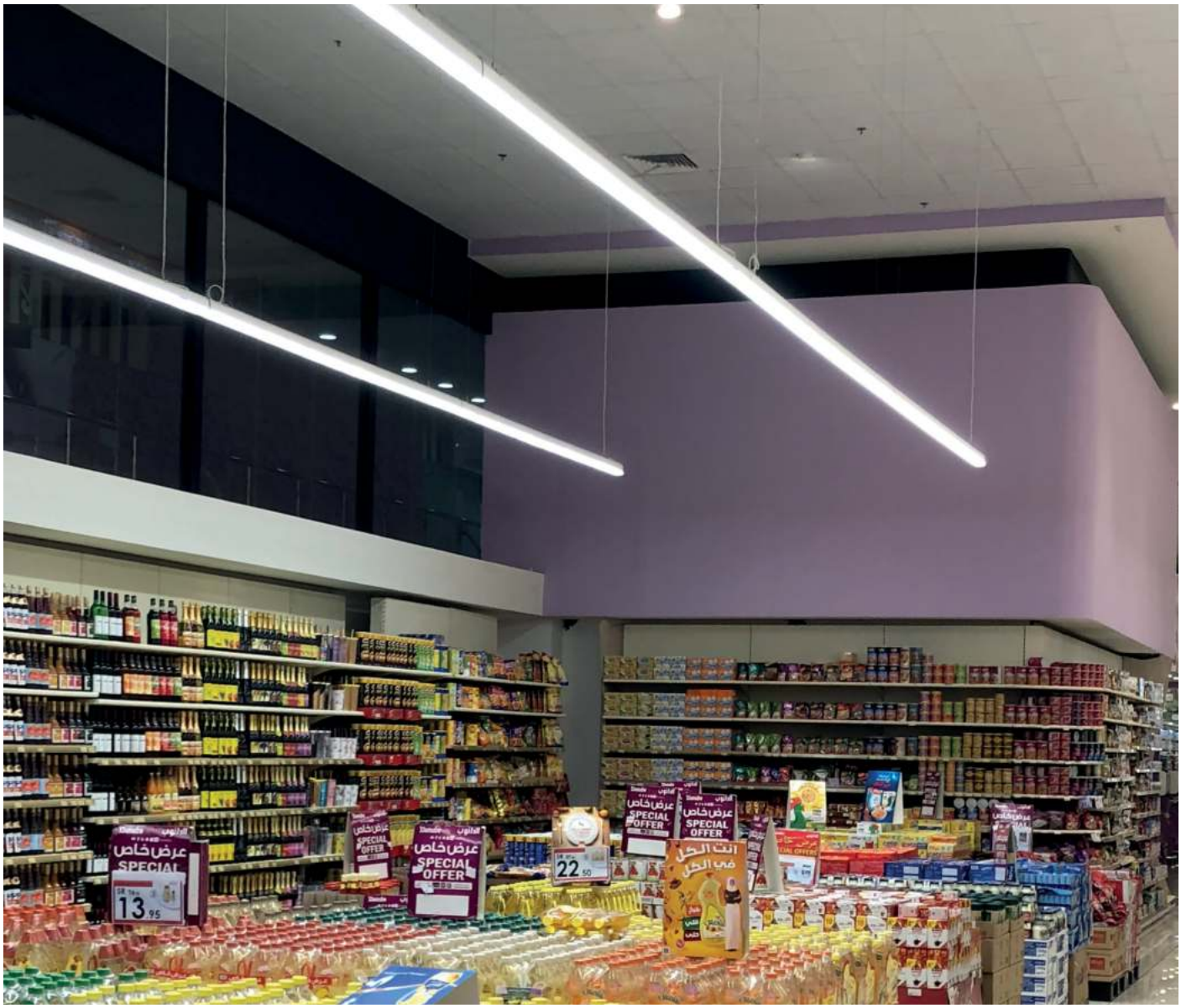


Lower profile detail
Alt profil detayı



Upper profile detail
Üst profil detayı





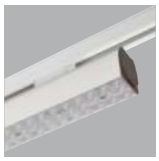
LDT Files / LDT Dataları



I02.LL.19430

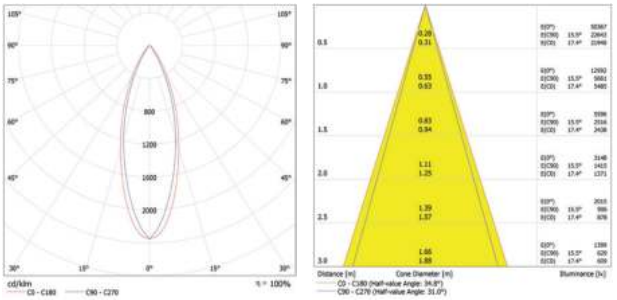


I02.LL.19431

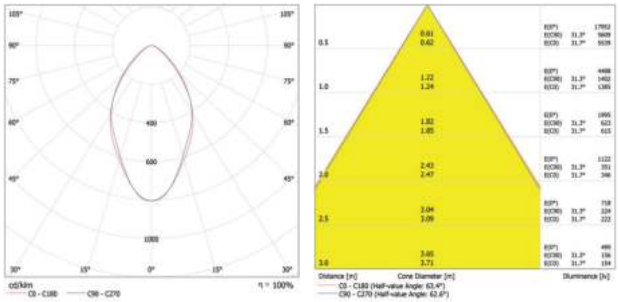


I02.LL.19432

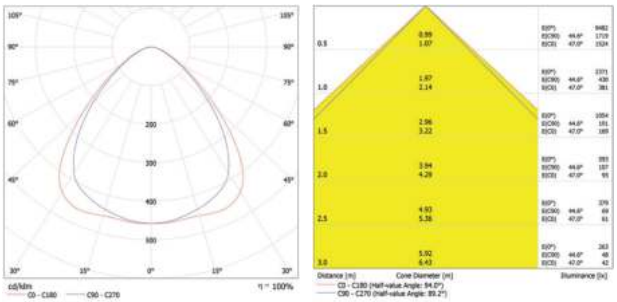
Beam Angle: 35° 42W / 300mA / SMD LED



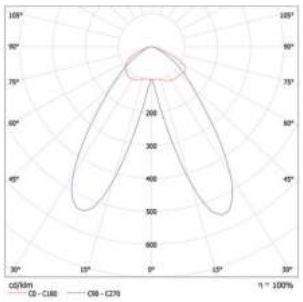
Beam Angle: 63° 42W / 300mA / SMD LED



Beam Angle: 94° 42W / 300mA / SMD LED



Beam Angle: 2x25° 42W / 300mA / SMD LED



LINE Linea Led





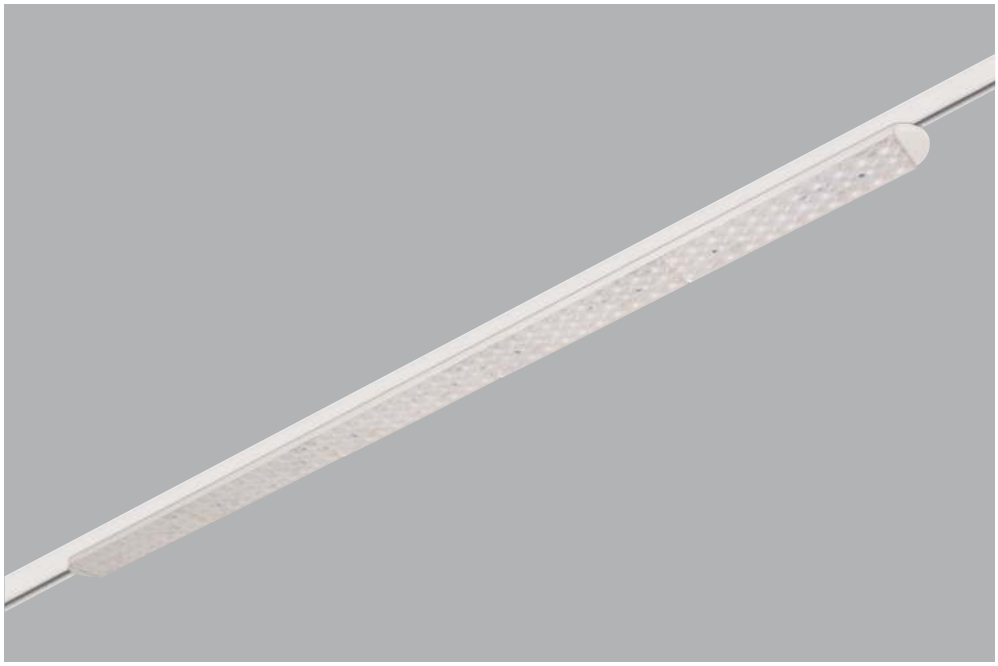
LINE is a superslim track mounted profile with in-track adaptor integrated. It meets all relevant norms for both industry and supermarket while at the same time offers substanial payback. It delivers high lux level with low glare index. High efficient lens optic enables precise beam distribution in different variations like narrow, medium, wide and double assymetric.

Main application areas are supermarkets, electronic stores etc. Latest led technology with highest lumen / watt preferred.

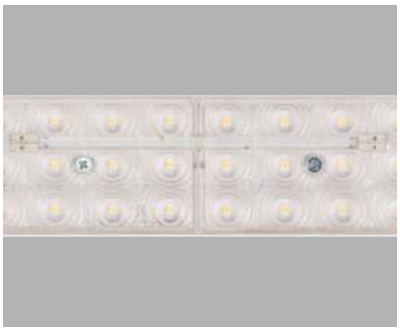
LINE ince yapılı bir profile sahip olup in-track trafolu soket ile uygulanmaktadır. Endüstriyel ve supermarket aydınlatma normlarına uyumludur. Verimli ışık çıkışı sayesinde enerji tasarrufu sağlar. Yüksek verimli lens optic sistemi ile dar, orta, geniş ve çift asimetirk gibi farklı ışık dağılımları sağlar.

Market ve elektronik eşya satış mağazaları gibi birçok alanda kullanılabilir. Yüksek verimliliğe sahip son teknoloji LED ışık kaynağı tercih edilmektedir.

Line





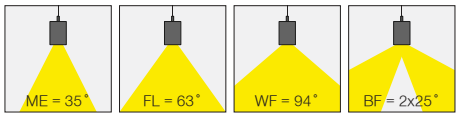


6 / Product Color / Ürün Renk

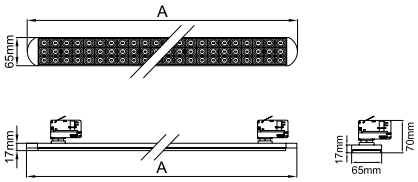


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



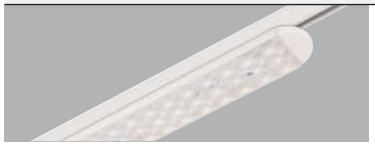
Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19420.1480.042.063.830.01
Family Name / Aile Adı	Line
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	65mm
Profile Height / Profil Yüksekliği	17mm
Installation Type / Kurulum Türü	Track Mounted / Raya Monteli
Efficiency / Verimlilik	>128lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium, Flood, Wide Flood and Asymmetric light distribution / Simetrik Orta, Geniş, Çok Geniş ve Asimetrik Açılı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	High Efficient Lens Optic / Yüksek verimli Lens Optik

Line

Line / I02.LL.19420



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 300mA lm
1480mm	CRI>80	I02.LL.19420.(...).(...).(...).(...)	2700K	4921
			3000K	5077
			3500K	5156
			4000K	5355
			5000K	5431
	CRI>90	I02.LL.19420.(...).(...).(...).(...)	2700K	4132
			3000K	4250
			3500K	4330
			4000K	4487

* Code example / Kod örneği:

I02.LL.19420 . 1480 . 042 . 063 . 830 . 01

1 2 3 4 5 6

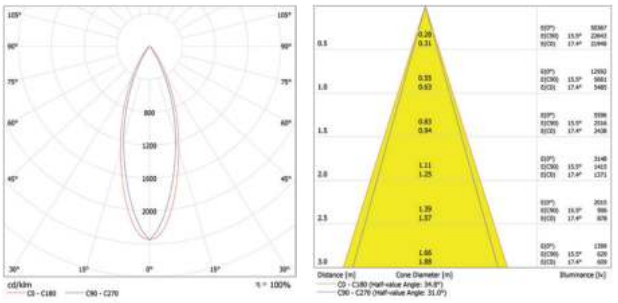
In-Track Adaptor
Trafolu Ray Soketi



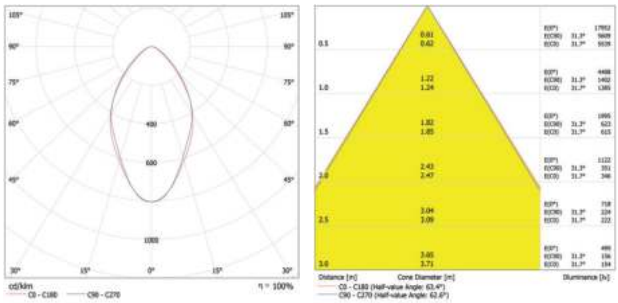
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1480mm	42W	42W (Direct) - 300mA	ME	35° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			FL	63° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			WF	94° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			BF	2x25° - Batwing	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
					850	CRI>80 - 5000K			05	dark gray
									06	special color

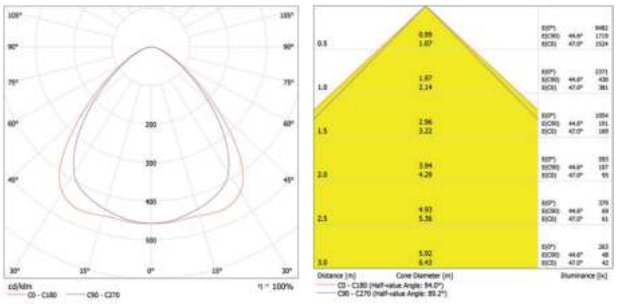
Beam Angle: 35° — 42W / 300mA / SMD LED



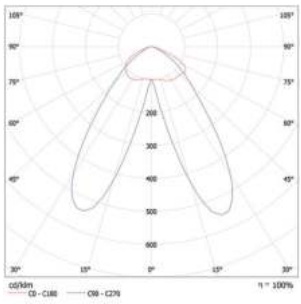
Beam Angle: 63° — 42W / 300mA / SMD LED



Beam Angle: 94° — 42W / 300mA / SMD LED



Beam Angle: 2x25° — 42W / 300mA / SMD LED



VEKTOR Linea Led





VEKTOR meets all relevant norms for both industry and supermarket while at the same time offers substanial payback. It delivers high lux level with low glare index. High efficient lens optic enables precise beam distribution in different variations like medium, wide and double assymetric. Trunking system continious line mounting enables to use this product in long line applications easily.

Main application areas are supermarkets, electronic stores etc. Latest led technology with highest lumen / watt preferred.

VEKTOR endüstriyel ve supermarket aydınlatma normlarına uyumludur. Verimli ışık çıkışı sayesinde enerji tasarrufu sağlar. Yüksek verimli lens optic sistemi ile orta, geniş ve çift asimetirk gibi farklı ışık dağılımları sağlar. Kesintisiz montaj sistemi ile yüksek metrekareye sahip alanlarda kolayca uygulanır.

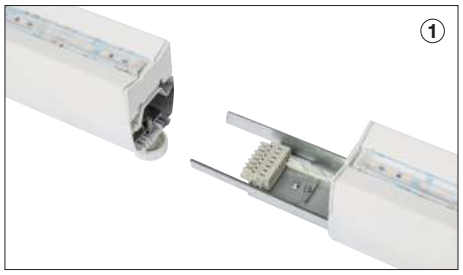
Market ve elektronik eşya satış mağazaları gibi birçok alanda kullanılabilir. Yüksek verimliliğe sahip son teknoloji LED ışık kaynağı tercih edilmektedir.

Vektor

Continious Mounting / Kesintisiz Montaj

The wiring of the VEKTOR enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wago connector is being preffered with options of 5-pole for standard on/off, 7-pole for dimmable, 9-pole for emergency applications. Connection profile mounted at the end of each line provides rigid connection between two profiles. Each unit has 1.45mt lenght.

VEKTOR'ün sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa seçeneği için 5'li, dim edebilme özelliği için 7'li ve acil kit uygulamaları için 9'lu wago seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur. Her bir ünitenin uznuluğu 1.45mt'dir.





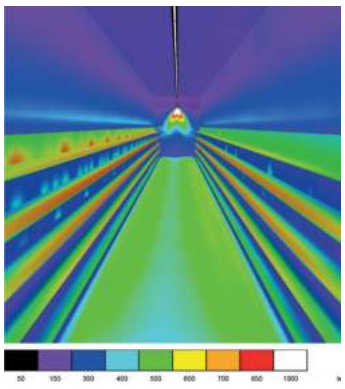


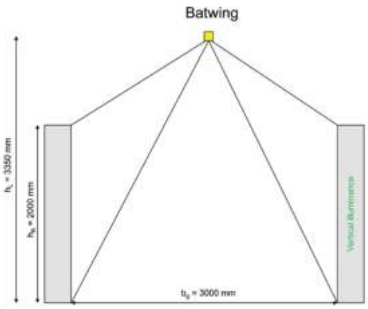




Batwing / Çift Asimetrik







Above is an example of market shelf display. Store height is 4mt and shelf height is 2mt. Fixture suspended to 3.35mt and positioned 110cm distance from each rack. Batwing lens optic enables avg. 450lux on the shelfs whereas less than half to floor that creates visiual comfort on sales area with low UGR index and products on the shelf can be visiually better displayed.

Yukarıda örnek market reyon aydınlatma dizaynını bulabilirsiniz. Mağaza yüksekliği 4mt, reyon yüksekliği ise 2.00mt olup armatür 3.35mt yüksekliğe sarkıtıldı. Armatür hattı iki reyonun tam ortasına her reyondan 110cm mesafe de yerleştirilerek çift asimetrik lens optik ile aydınlatılmıştır. Reyon üzerinde ortalama 450lux elde edilirken koridorda bu değerin yarısından az bir değer alınarak hem düşük kamaşma indexi ile görsel konfor ve aynı zamanda sergilenen reyon ürünlerin ön plana çıkması sağlanmıştır.

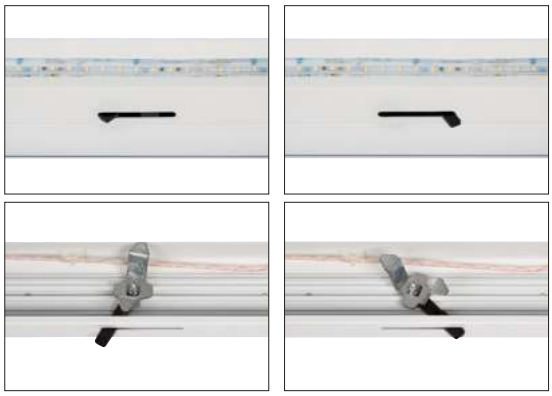
Vektor

Mounting Details / Bağlantı Detayları



In order to to demount the upper lighting profile from trunking lower profile, take out the plastic arm cover as shown in the picture.

Led ışık kaynağının olduğu üst profili alt profilden ayırmak için kitleme kolunun üzerinde yer alan plastik kol kapağını çıkarın.



When the locking arm is at left, fitting is locked. When the locking arm is at right, fitting is unlocked.

Kitleme kolu sol pozisyonda iken armatür kilitli, sağ pozisyonda iken açık/demontaj konumundadır.

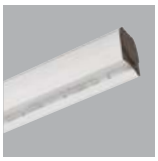


Integrating BJB's lampholder for linear flat, trunking profile easily connected to LED profile with click fit system.

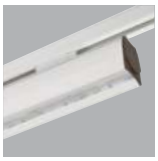
BJB'nin özel geliştirdiği 'click-fit' sistemine sahip lineer flat duyun armatüre entegre olması sayesinde, kesintisiz bağlantı profili ile LED profili birbirine kolayca bağlanır ve sökülür.



I02.LL.19435

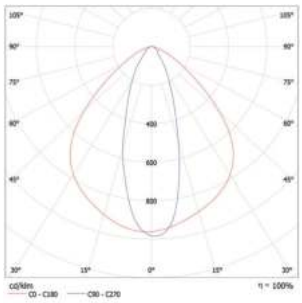


I02.LL.19436

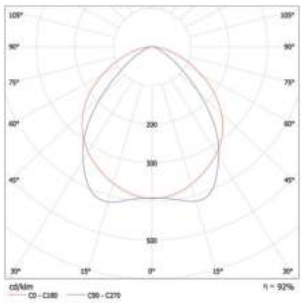


I02.LL.19437

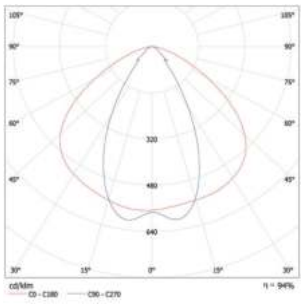
Beam Angle: 30° 36W / 250mA / SMD LED



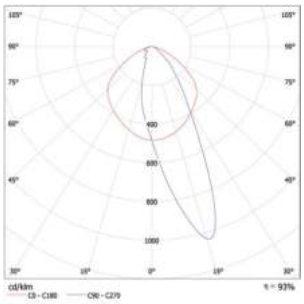
Beam Angle: 98° 36W / 250mA / SMD LED



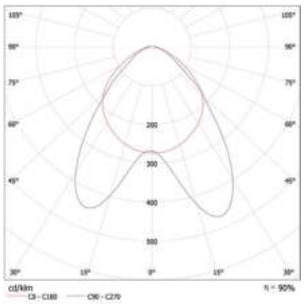
Beam Angle: 64° 36W / 250mA / SMD LED



Beam Angle: Single Asy. 36W / 250mA / SMD LED



Beam Angle: Double Asy. 36W / 250mA / SMD LED



Lens Options / Lens Seçenekleri



64° symmetric medium beam angle lens optic

64° simetrik orta açı lens optik



98° symmetric wide beam angle lens optic

98° simetrik geniş açı lens optik



Asymmetric beam angle lens optic

Asimetrik açılı lens optik

Vektor





* Code example / Kod örneği:

I02.LL.19435 . 1450 . 036 . 064 . 830 . 01

1 2 3 4 5 6

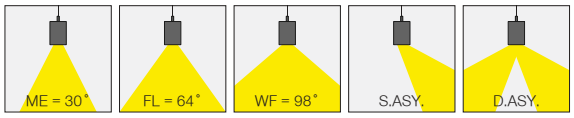
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.7 | CRI 80 CRI 90

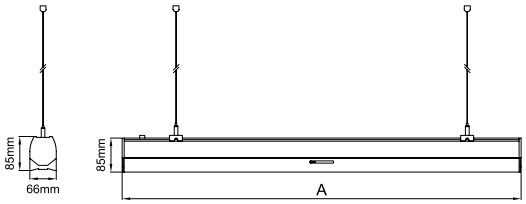
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19435.1450.036.064.830.01
Family Name / Aile Adı	Vektor
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	66mm
Profile Height / Profil Yüksekliği	85mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>111lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium, Flood, Wide Flood and Asymmetric light distribution / Simetrik Orta, Geniş, Çok Geniş ve Asimetrik Açılı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	High Efficient Lens Optic / Yüksek verimli Lens Optik

Vektor

Vektor Suspendant / I02.LL.19435



* Code example / Kod örneği:

I02.LL.19435 . 1450 . 036 . 064 . 830 . 01

1 2 3 4 5 6

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm
1450mm	CRI>80	I02.LL.19435 . (...) . (...) . (...) . (...)	2700K	3658
			3000K	3775
			3500K	3833
			4000K	3980
			5000K	4038
	CRI>90	I02.LL.19435 . (...) . (...) . (...) . (...)	2700K	3072
			3000K	3160
			3500K	3219
			4000K	3336

Suspension Wire
Sarkıtma Teli



Suspension Profile
Sarkıtma Teli Bağlantı Profili



Vektor Surface Mounted / I02.LL.19436



* Code example / Kod örneği:

I02.LL.19436 . 1450 . 036 . 064 . 830 . 01

1 2 3 4 5 6

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm
1450mm	CRI>80	I02.LL.19436 . (...) . (...) . (...) . (...)	2700K	3658
			3000K	3775
			3500K	3833
			4000K	3980
			5000K	4038
	CRI>90	I02.LL.19436 . (...) . (...) . (...) . (...)	2700K	3072
			3000K	3160
			3500K	3219
			4000K	3336

Surface Mounting Profile
Sıvaüstü Montaj Profili



Vektor Track Mounted / I02.LL.19437



* Code example / Kod örneği:

I02.LL.19437 . 1450 . 036 . 064 . 830 . 01

1 2 3 4 5 6

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm
1450mm	CRI>80	I02.LL.19437 . (...) . (...) . (...) . (...)	2700K	3658
			3000K	3775
			3500K	3833
			4000K	3980
			5000K	4038
	CRI>90	I02.LL.19437 . (...) . (...) . (...) . (...)	2700K	3072
			3000K	3160
			3500K	3219
			4000K	3336

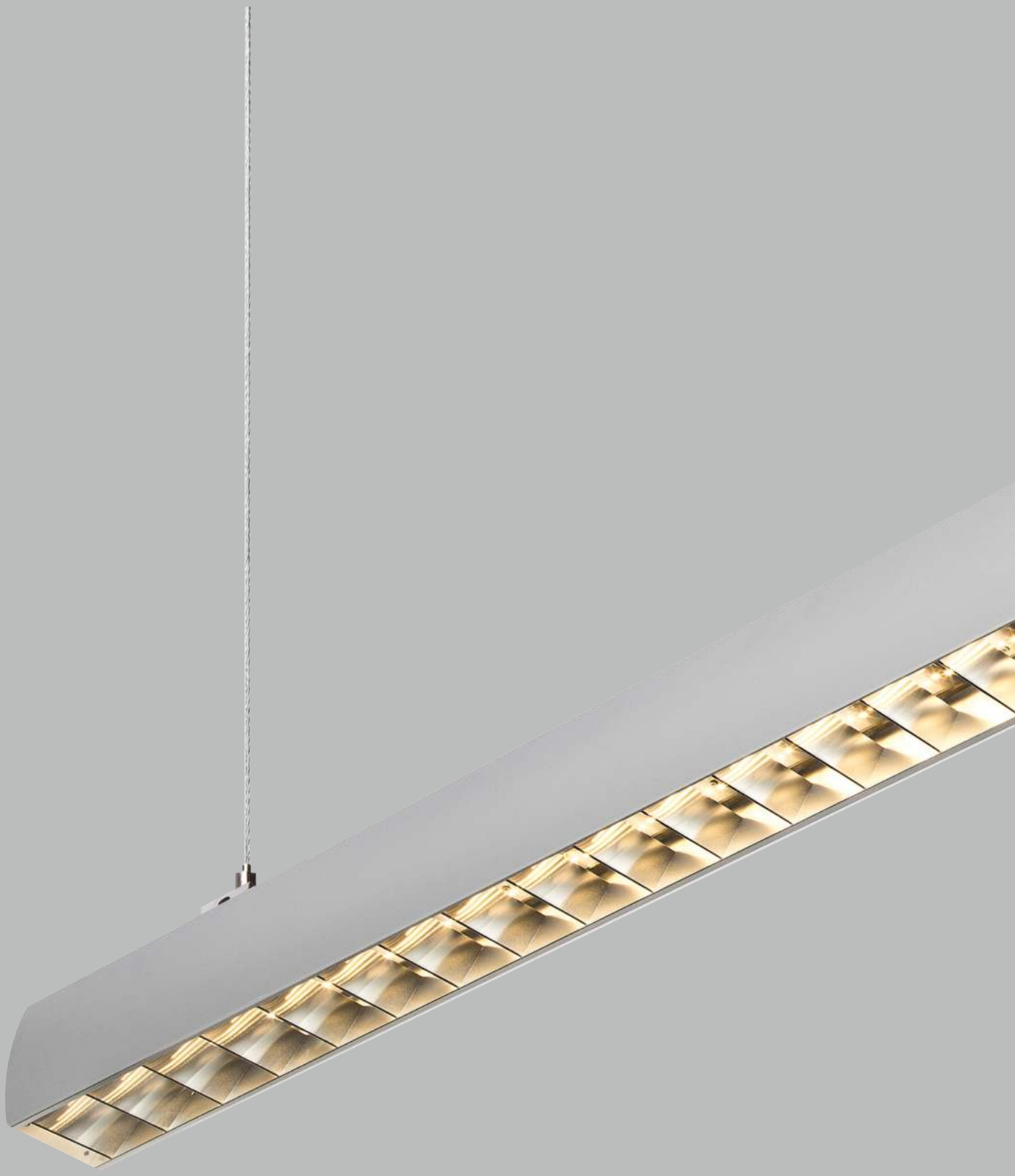
Track Adaptor
Ray Soketi



(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1450mm	36W	36W (Direct) - 250mA	ME	30° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
		FL	64° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
		WF	98° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
		S.ASY.	Single Asymmetric	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
		D.ASY.	Double Asymmetric	850	CRI>80 - 5000K			05	dark gray
								06	special color

SYSTEMA Linea Led





Our SYSTEMA is a leading design lineer continous line fixture that can integrate five different light distribution options in one profile. Instead of lens optic, custom design reflector optic is preferred.

Multipurpose LED trunking system answers different requirments from low and high ceiling warehouses to supermarket shelf lighting. Thanks to its high efficient reflector design made from Alanod material, 100% energy saving is possible.

By using the 3-phase system, SYSTEMA can be installed in very long uninterrupted lines with wago connectors, make it ideal for large buildings.

SYSTEMA fonksiyonel lineer LED armatürdür. Klasik lens optikli armatürlerin aksine, özel tasarım reflektör optik kullanılmaktadır.

Aynı kasaya entegre edilebilen beş farklı reflektör uygulaması sayesinde alçak ve yüksek tavan aydınlatmasından market aydınlatmasına kadar birçok farklı uygulamada mükemmel çözümler sunar. Yüksek verimli Alanod reflektör ile 100%'e kadar enerji tasarrufu sağlanır.

3-Fazlı kablolama sistemi sayesinde SYSTEMA ile kesintisiz uzun aydınlatma hatları oluşturulabilir. Özellikle büyük metrekareli alanlarda tercih edilmektedir.

Systema

DIM Options / DIM seçenekleri

		 Systema	 Systema	 Systema	 Systema	 Systema
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its SYSTEMA linear range that provides easy control and saves time on wiring during installation.

Avolux SYSTEMA serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its SYSTEMA linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux SYSTEMA serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



Xpress

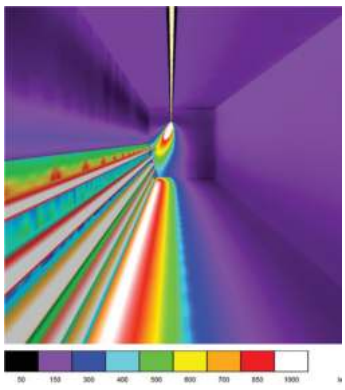


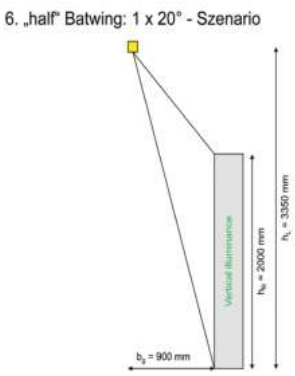


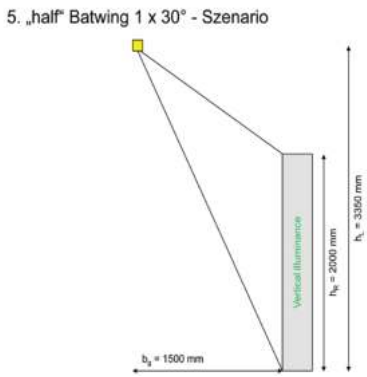
Systema

Half Batwing / Tek Asimetrik





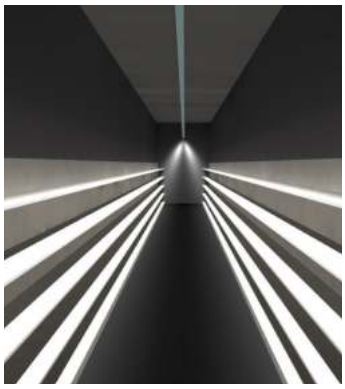


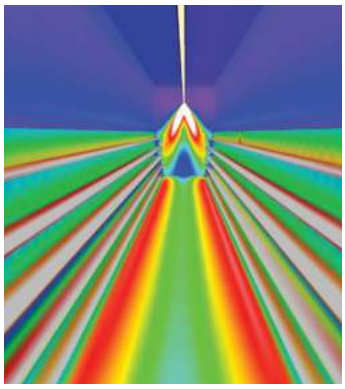


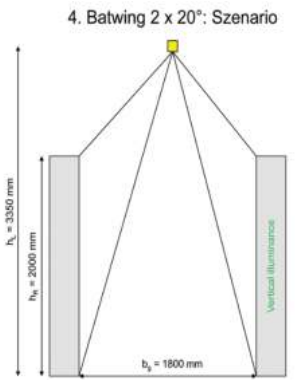
Above is an example of market shelf display. Store height is 4mt and shelf height is 2mt. Fixture positioned 90cm distance from the rack due to narrow corridor structure of the building. 1x20° half batwing reflector enables avg. 600lux on the shelf whereas less than half to floor that creates visiual comfort on sales area with low UGR index and products on the shelf can be visiually better displayed.

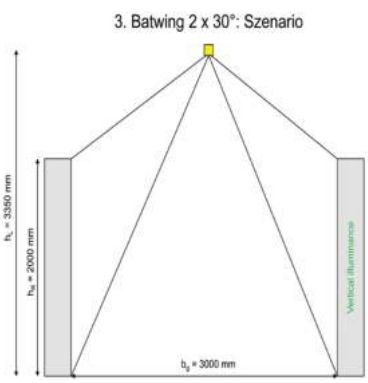
Yukarıda örnek market reyon aydınlatma dizaynını bulabilirsiniz. Mağaza yüksekliği 4mt, reyon yüksekliği ise 2mt. Armatür dar koridor aralıklarından dolayı reyona 90cm mesafe ile yerleştirilerek 1x20° tek asimetrik reflektör ile aydınlatılmıştır. Reyon üzerinde ortalama 600lux elde edilirken koridorda bu değerin yarısından az bir değer alınarak hem düşük kamaşma indexi ile görsel konfor ve aynı zamanda sergilenen reyon ürünlerin ön plana çıkması sağlanmıştır.

Batwing / Çift Asimetrik









Above is an example of market shelf display. Store height is 4mt and shelf height is 2mt. Fixture positioned 90cm distance from each rack due to narrow corridor structure of the building. 2x20° batwing reflector enables avg. 800lux on the shelfs whereas less than half to floor that creates visiual comfort on sales area with low UGR index and products on the shelf can be visiually better displayed.

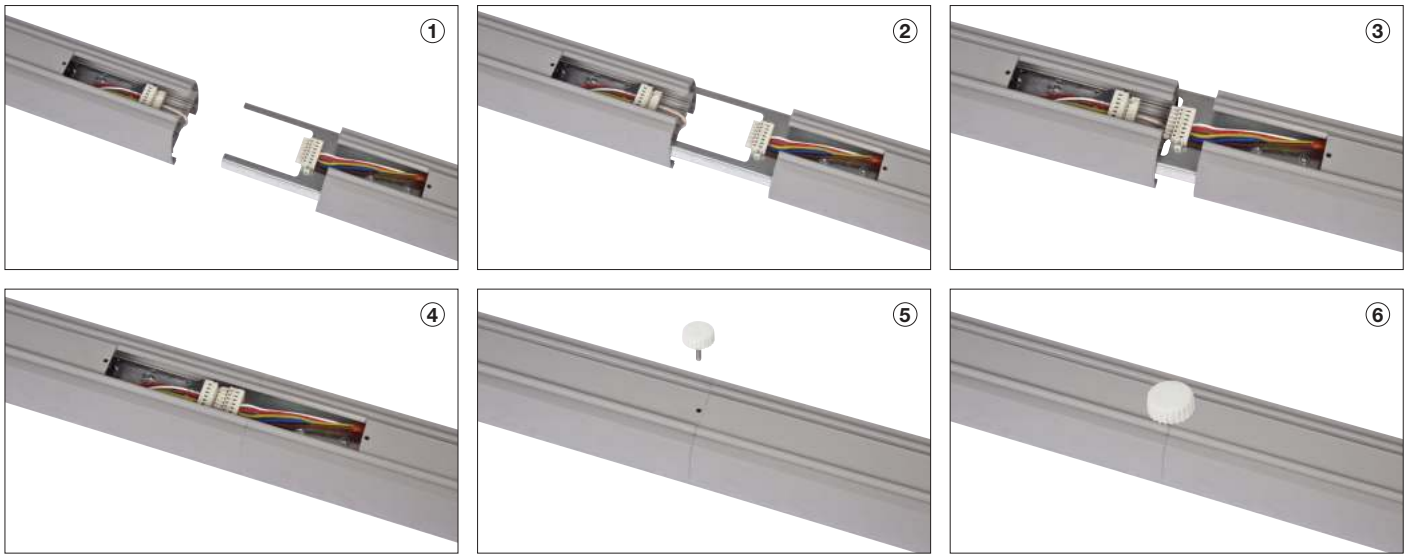
Yukarıda örnek market reyon aydınlatma dizaynını bulabilirsiniz. Mağaza yüksekliği 4mt, reyon yüksekliği ise 2mt. Armatür dar koridor aralıklarından dolayı iki reyonada 90cm mesafe ile yerleştirilerek 2x20° çift asimetrik reflektör ile aydınlatılmıştır. Reyon üzerinde ortalama 800lux elde edilirken koridorda bu değerin yarısından az bir değer alınarak hem düşük kamaşma indexi ile görsel konfor ve aynı zamanda sergilenen reyon ürünlerin ön plana çıkması sağlanmıştır.

Systema

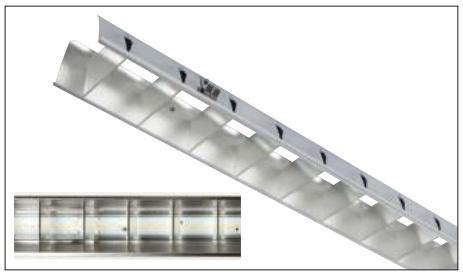
Continious Mounting / Kesintisiz Montaj

The wiring of the SYSTEMA enables simple electrical installation that provides flexibility. 1.5mm and 2.5mm cabling options available depends on the lenght of continious installation. Wago connector is being preffered with options of 5-pole for standard on/off, 7-pole for dimmable, 9-pole for emergency applications. Connection profile mounted at the end of each line provides rigid connection between two profiles. Each unit has 1.50mt lenght.

SYSTEMA'nın sahip olduğu kablolama sistemi montaj ve uygulama kolaylığı sağlar. 1.5mm ve 2.5mm kablo kesiti seçenekleri ile uzun kesintisiz hatlar oluşturulabilir. Standart aç/kapa seçeneği için 5'li, dim edebilme özelliği için 7'li ve acil kit uygulamaları için 9'lu wago seçenekleri mevcuttur. Her profilin sonunda monteli olan bağlantı profili sayesinde yalpa yapmayan düz hatlar oluşturulur. Her bir ünitenin uznuluğu 1.50mt'dir.



Reflector Options / Reflektör Seçenekleri



Louvre Reflector with medium UGR.
Orta sıklıkta petekli orta derece kamaşmaya sahip reflektör.



Half Batwing 1x20° and 1x30°.
Tek Asimetirk 1x20° ve 1x30°.



Batwing 2x20° and 2x30°.
Çift Asimetirk 2x20° ve 2x30°.



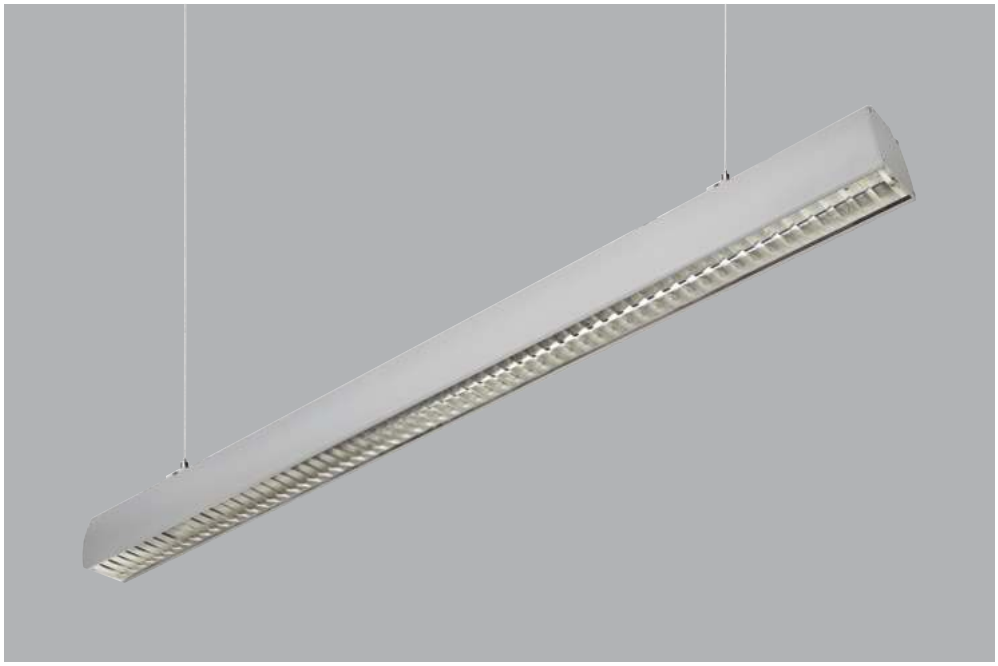
Lineer Highbay medium 40° and wide 80°.
Lineer yüksek tavan orta açı 40° ve geniş açı 80°.



Louvre Reflector with less UGR.
Sık petekli düşük kamaşmaya sahip reflektör.


KASAP
Değerli Müşterilerimiz;
Sebze-Meyve Reyonundan
satın aldığınız ürünler
terazide tartılmaktadır.
Kasalarımızda TARTIM
yapılmamaktadır.
real.

Systema





* Code example / Kod örneği:

I02.LL.19450 . 1510 . 052 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli

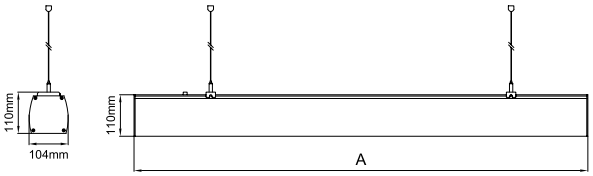


LED A A+ A++ | SASO | CB | LVD | CE | ERC | F | IP20 | kg 5.5 | CRI 80 | CRI 90

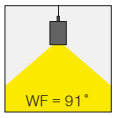
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



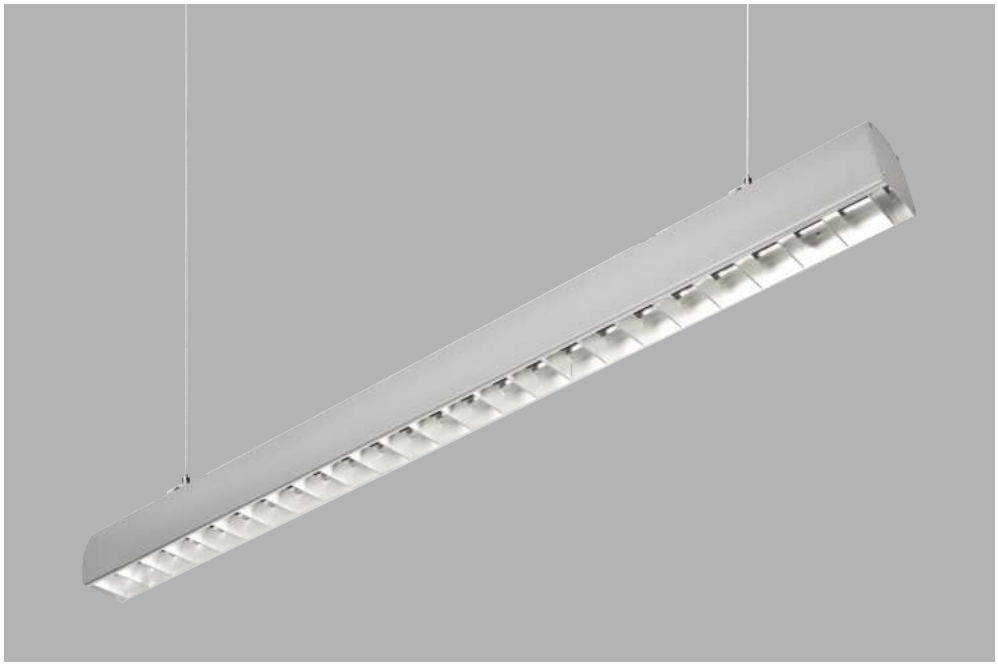
Systema / I02.LL.19450

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	52W 300mA lm
1510mm	CRI>80	I02.LL.19450.(...).(...).(...).(...)	2700K	7076
			3000K	7302
			3500K	7415
			4000K	7698
			5000K	7811
	CRI>90	I02.LL.19450.(...).(...).(...).(...)	2700K	5943
			3000K	6113
			3500K	6226
			4000K	6453

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1510mm	52	52W (Direct) - 300mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
			850	CRI>80 - 5000K			05 dark gray
							06 special color

Systema





* Code example / Kod örneği:

I02.LL.19455 . 1510 . 052 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli



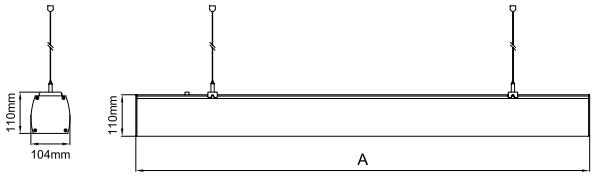
LED A A+ A++ SASO CB LVD IP20 kg 5.5 CRI 80 CRI 90

5 / Product Color / Ürün Renk

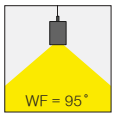


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Systema / I02.LL.19455

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	52W 300mA lm
1510mm	CRI>80	I02.LL.19455 . (...) . (...) . (...) . (...)	2700K	6637
			3000K	6849
			3500K	6955
			4000K	7221
			5000K	7327
	CRI>90	I02.LL.19455 . (...) . (...) . (...) . (...)	2700K	5575
			3000K	5734
			3500K	5841
			4000K	6053

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1510mm	52	52W (Direct) - 300mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Systema





* Code example / Kod örneği:

I02.LL.19460 . 1510 . 052 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli



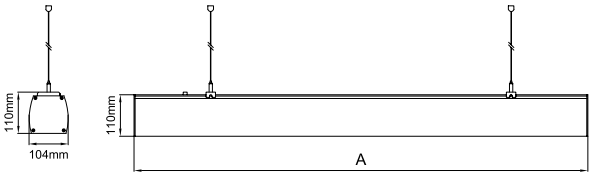
LED A A+ A++ SASO CB LVD CE EAC F IP20

kg 5.5 CRI 80 CRI 90

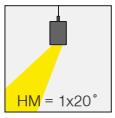
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Systema / I02.LL.19460

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	52W 300mA lm
1510mm	CRI>80	I02.LL.19460.(...).(...).(...).(...)	2700K	6551
			3000K	6760
			3500K	6865
			4000K	7127
			5000K	7232
	CRI>90	I02.LL.19460.(...).(...).(...).(...)	2700K	5502
			3000K	5660
			3500K	5765
			4000K	5974

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1510mm	52	52W (Direct) - 300mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Systema





* Code example / Kod örneği:

I02.LL.19465 . 1510 . 052 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli

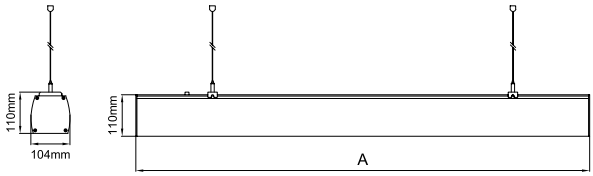


LED A A+ A++ SASO CB LVD IP20 kg 5.5 CRI 80 CRI 90

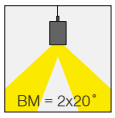
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Systema / I02.LL.19465

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	52W 300mA lm
1510mm	CRI>80	I02.LL.19465.(...).(...).(...).(...)	2700K	4477
			3000K	4620
			3500K	4692
			4000K	4871
			5000K	4943
	CRI>90	I02.LL.19465.(...).(...).(...).(...)	2700K	3760
			3000K	3868
			3500K	3940
			4000K	4083

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1510mm	52	52W (Direct) - 300mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Systema





* Code example / Kod örneği:

I02.LL.19470 . 1510 . 052 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli

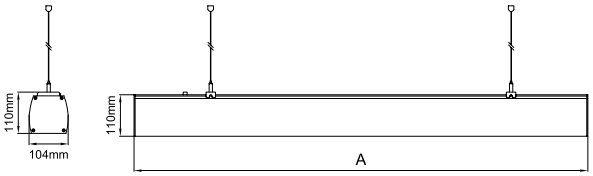


LED A A+ A++ | SASO | CB | LVD | CE | EAC | F | IP20 | kg 5.5 | CRI 80 | CRI 90

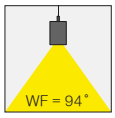
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Systema / I02.LL.19470

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	52W 300mA lm
1510mm	CRI>80	I02.LL.19470.(...).(...).(...).(...)	2700K	6950
			3000K	7172
			3500K	7283
			4000K	7561
			5000K	7672
	CRI>90	I02.LL.19470.(...).(...).(...).(...)	2700K	5837
			3000K	6004
			3500K	6116
			4000K	6338

(...) / Complete Code / Komple Kod

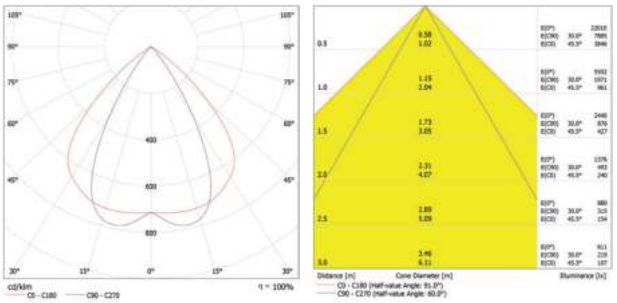
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1510mm	52	52W (Direct) - 300mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
			850	CRI>80 - 5000K			05 dark gray
							06 special color

LDT Files / LDT Dataları



I02.LL.19450

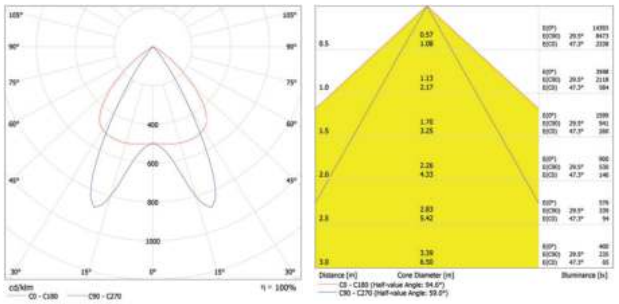
Beam Angle: 91° | 52W / 300mA / SMD LED





I02.LL.19455

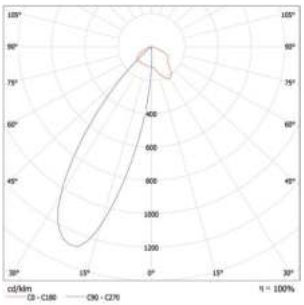
Beam Angle: 95° | 52W / 300mA / SMD LED





I02.LL.19460

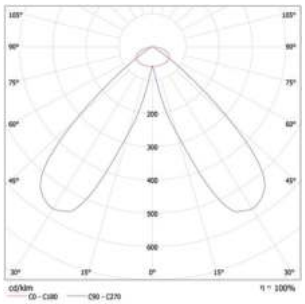
Beam Angle: 1x20° Single Asymmetric | 52W / 300mA / SMD LED





I02.LL.19465

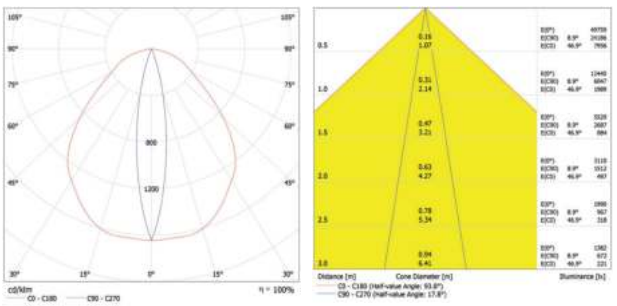
Beam Angle: 2x20° Double Asymmetric | 52W / 300mA / SMD LED





I02.LL.19470

Beam Angle: 94° | 52W / 300mA / SMD LED



MARKET Linea Led



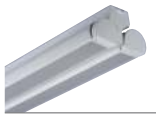


Linea Led MARKET meets the strict requirements of shelf lighting in stores and supermarkets. The movable panel offers flexible and efficient LED lighting. Different options like opal diffuser attachment, reflector louvre and white painted raster louvre solutions can be integrated. Highest lumen/watt SMD led technology preferred.

Linea Led MARKET mağazcılıkta reyon aydınlatması uygulamalarında benzersizdir. Hareketli ışık panelleri sayesinde farklı tavan ve raf yüksekliklerine adapte olur. Yüzde yüze yakın enerji tasarrufu sağlar. Opal pleksi, petekli reflektör ve beyaz boyalı metal petekli alternafileri uygulanabilir. En yüksek lümen/watt değerlerine sahip SMD LED teknolojisi uygulanmaktadır.

Market

DIM Options / DIM seçenekleri

		 Market Susp.	 Market Surface	 Market Track	 Market Susp.	 Market Surface
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its MARKET linear range that provides easy control and saves time on wiring during installation.

Avolux MARKET serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Market linear range.

Avolux Market serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Market

			
Market Track	**Market Susp.**	**Market Surface**	**Market Track**
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its MARKET linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux MARKET serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



Xpress





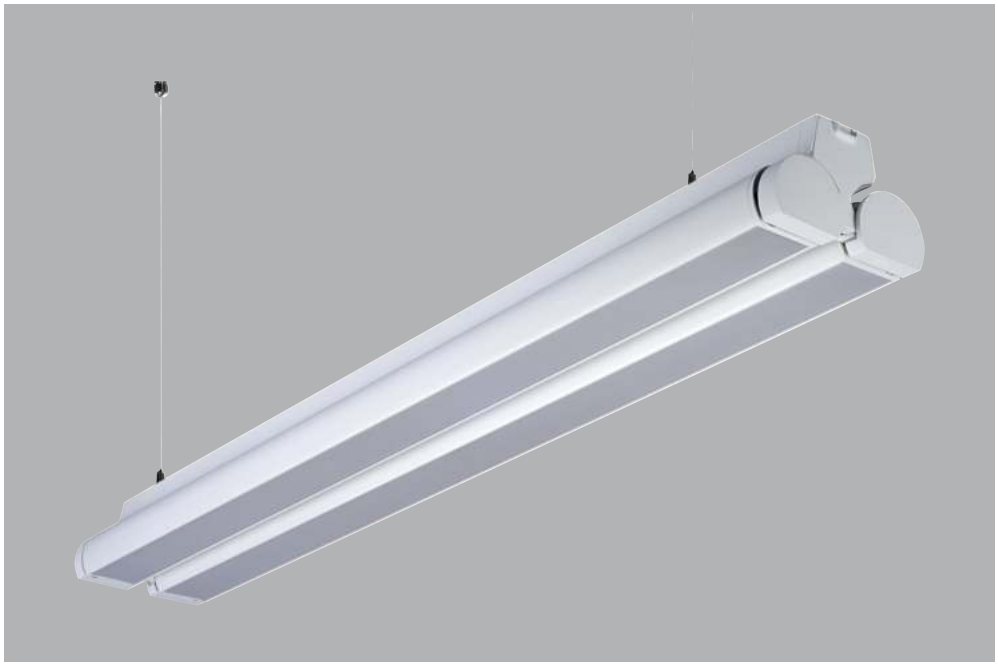
Warm DIM / Sıcak DIM

Warm dimming technology allows a colour temperature gradual reduction from 3000K to 1800K, allowing soft and natural passage to different warm light conditions.

Sıcak DIM teknolojisi 3000K'den 1800K'e kademeli ve yumuşak sıcak ışık geçişi sağlar.



Market



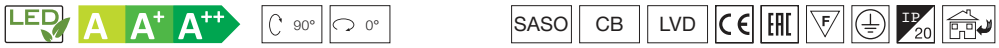


* Code example / Kod örneği:

I02.LL.19205 . 1180 . 067 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

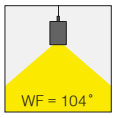


5 / Product Color / Ürün Renk

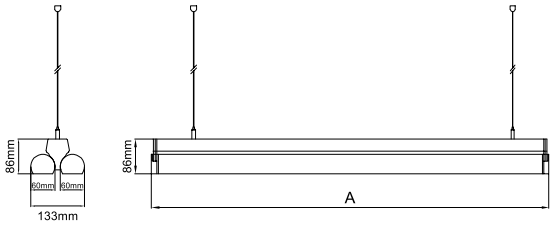


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19205.1180.067.830.01
Family Name / Aile Adı	Market
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	133mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>90lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Market

Market Suspendant / I02.LL.19205



* Code example / Kod örneği:

I02.LL.19205 . 1180 . 067 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19205 . (...) . (...) . (...) . (...)	2700K	3897	5512
			3000K	4022	5688
			3500K	4084	5776
			4000K	4240	5997
			5000K	4302	6085
	CRI>90	I02.LL.19205 . (...) . (...) . (...) . (...)	2700K	3273	4630
			3000K	3367	4762
			3500K	3429	4850
			4000K	3554	5027

Market Surface Mounted / I02.LL.19215



* Code example / Kod örneği:

I02.LL.19215 . 1180 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19215 . (...) . (...) . (...) . (...)	2700K	3897	5512
			3000K	4022	5688
			3500K	4084	5776
			4000K	4240	5997
			5000K	4302	6085
	CRI>90	I02.LL.19215 . (...) . (...) . (...) . (...)	2700K	3273	4630
			3000K	3367	4762
			3500K	3429	4850
			4000K	3554	5027

Market Track Mounted / I02.LL.19225



* Code example / Kod örneği:

I02.LL.19225 . 1180 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19225 . (...) . (...) . (...) . (...)	2700K	3897	5512
			3000K	4022	5688
			3500K	4084	5776
			4000K	4240	5997
			5000K	4302	6085
	CRI>90	I02.LL.19225 . (...) . (...) . (...) . (...)	2700K	3273	4630
			3000K	3367	4762
			3500K	3429	4850
			4000K	3554	5027

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
900mm	50W	50W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
1180mm	67W	67W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
			850	CRI>80 - 5000K			05 dark gray
							06 special color

Market





* Code example / Kod örneği:

I02.LL.19207 . 1180 . 067 . 830 . 01

1 2 3 4 5

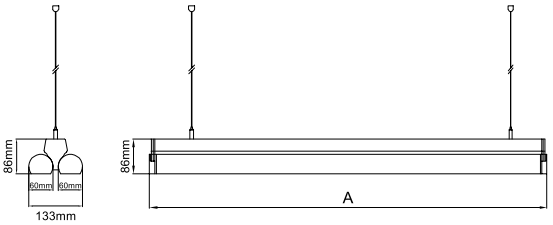
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | 90° 0° | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

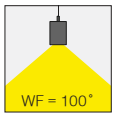
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19207.1180.067.830.01
Family Name / Aile Adı	Market
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	133mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>115lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Parabolic Aluminium Reflector / Parabolik Aluminyum Reflektör

Market

Market Suspendant / I02.LL.19207



* Code example / Kod örneği:

I02.LL.19207 . 1180 . 067 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19207 . (...) . (...) . (...) . (...)	2700K	5038	7096
			3000K	5199	7323
			3500K	5279	7436
			4000K	5481	7720
			5000K	5562	7834
	CRI>90	I02.LL.19207 . (...) . (...) . (...) . (...)	2700K	4231	5960
			3000K	4353	6131
			3500K	4433	6244
			4000K	4594	7720

Market Surface Mounted / I02.LL.19217



* Code example / Kod örneği:

I02.LL.19217 . 1180 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19217 . (...) . (...) . (...) . (...)	2700K	5038	7096
			3000K	5199	7323
			3500K	5279	7436
			4000K	5481	7720
			5000K	5562	7834
	CRI>90	I02.LL.19217 . (...) . (...) . (...) . (...)	2700K	4231	5960
			3000K	4353	6131
			3500K	4433	6244
			4000K	4594	7720

Market Track Mounted / I02.LL.19227



* Code example / Kod örneği:

I02.LL.19227 . 1180 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi

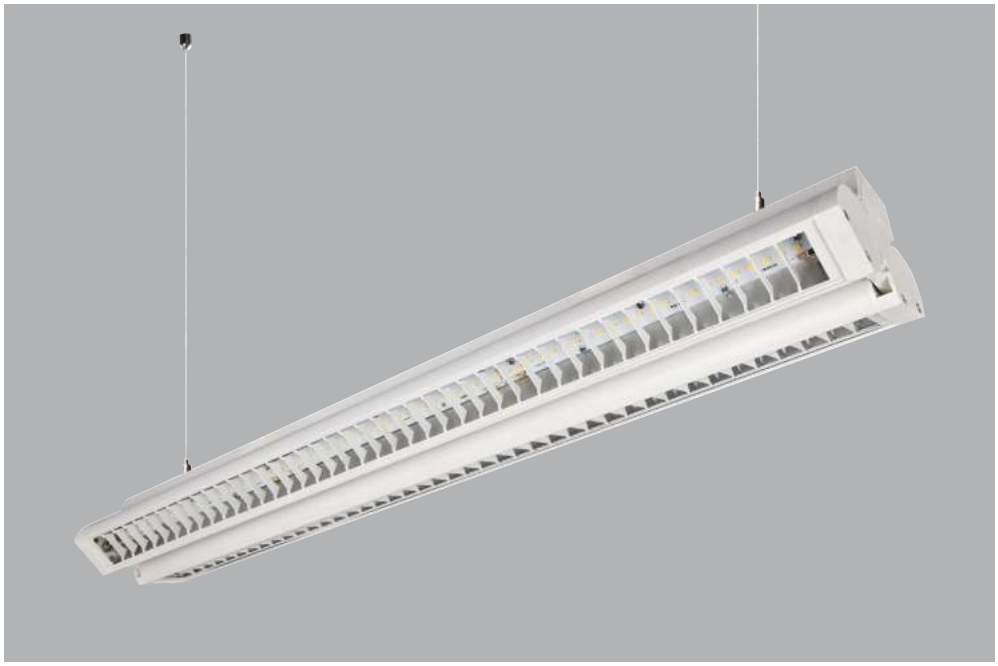


Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19227 . (...) . (...) . (...) . (...)	2700K	5038	7096
			3000K	5199	7323
			3500K	5279	7436
			4000K	5481	7720
			5000K	5562	7834
	CRI>90	I02.LL.19227 . (...) . (...) . (...) . (...)	2700K	4231	5960
			3000K	4353	6131
			3500K	4433	6244
			4000K	4594	7720

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
900mm	50W	50W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1180mm	67W	67W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Market



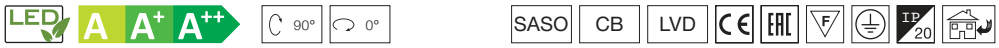


* Code example / Kod örneği:

I02.LL.19209 . 1180 . 067 . 830 . 01

1 2 3 4 5

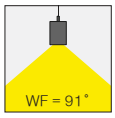
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi



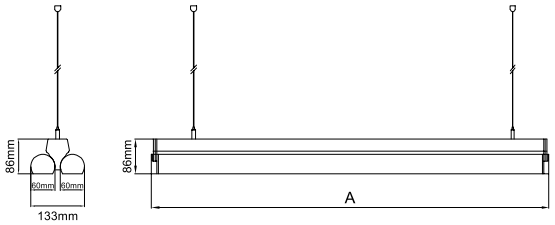
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19209.1180.067.830.01
Family Name / Aile Adı	Market
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	133mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>104lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	RAL Painted Metal Louver / RAL Boyalı Sac Petekli Lamel

Market

Market Suspendant / I02.LL.19209



* Code example / Kod örneği:

I02.LL.19209 . 1180 . 067 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19209 . (...) . (...) . (...) . (...)	2700K	4562	6432
			3000K	4708	6638
			3500K	4781	6741
			4000K	4964	6998
			5000K	5037	7101
	CRI>90	I02.LL.19209 . (...) . (...) . (...) . (...)	2700K	3832	5403
			3000K	3442	5557
			3500K	4015	5660
			4000K	4161	5866

Market Surface Mounted / I02.LL.19219



* Code example / Kod örneği:

I02.LL.19219 . 1180 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19219 . (...) . (...) . (...) . (...)	2700K	4562	6432
			3000K	4708	6638
			3500K	4781	6741
			4000K	4964	6998
			5000K	5037	7101
	CRI>90	I02.LL.19219 . (...) . (...) . (...) . (...)	2700K	3832	5403
			3000K	3442	5557
			3500K	4015	5660
			4000K	4161	5866

Market Track Mounted / I02.LL.19229



* Code example / Kod örneği:

I02.LL.19229 . 1180 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 50W 350mA lm	1180mm 67W 350mA lm
900mm - 50W 1180mm - 67W	CRI>80	I02.LL.19229 . (...) . (...) . (...) . (...)	2700K	4562	6432
			3000K	4708	6638
			3500K	4781	6741
			4000K	4964	6998
			5000K	5037	7101
	CRI>90	I02.LL.19229 . (...) . (...) . (...) . (...)	2700K	3832	5403
			3000K	3442	5557
			3500K	4015	5660
			4000K	4161	5866

(...) / Complete Code / Komple Kod

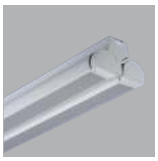
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
900mm	50W	50W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1180mm	67W	67W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

LDT Files / LDT Dataları

Lightheads can be adjusted to various positions according to project requirement.

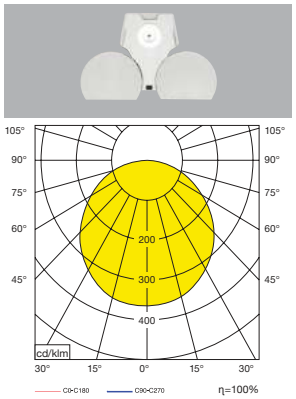
Işık kaynağı projenin gereksinimlerine göre farklı derecede yönlendirilerek alternatif aydınlatma çözümü sunar.


I02.LL.19205

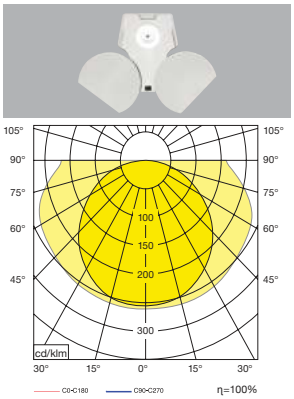

I02.LL.19215


I02.LL.19225

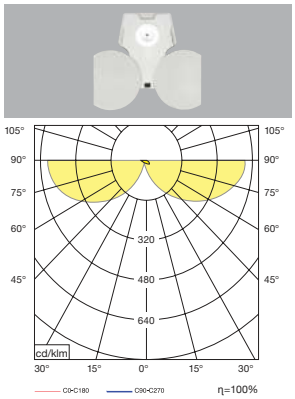
0° Adjustment / Yönlendirme



45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme

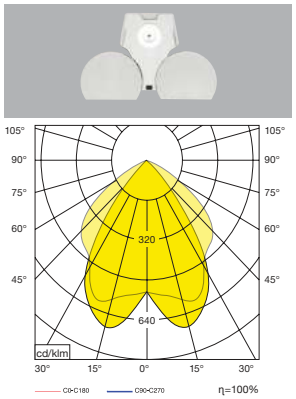



I02.LL.19207

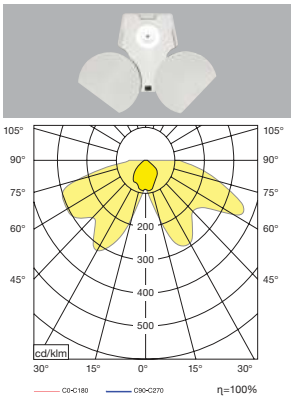

I02.LL.19217


I02.LL.19227

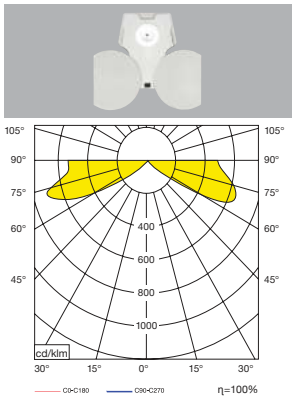
0° Adjustment / Yönlendirme



45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme

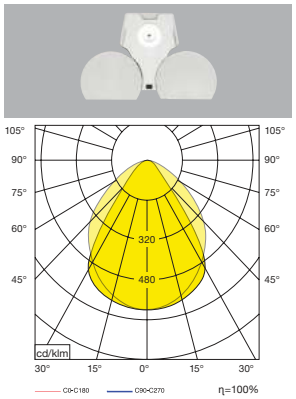



I02.LL.19209

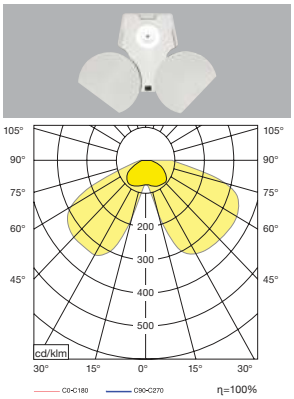

I02.LL.19219


I02.LL.19229

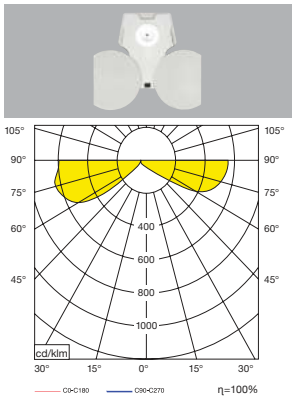
0° Adjustment / Yönlendirme



45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme



Features

- Highly efficient long-life LED light engines
- Advanced optical system compliant with supermarket glare norms
- System efficiency above 90 lm/W with opal diffuser.

Özellikler

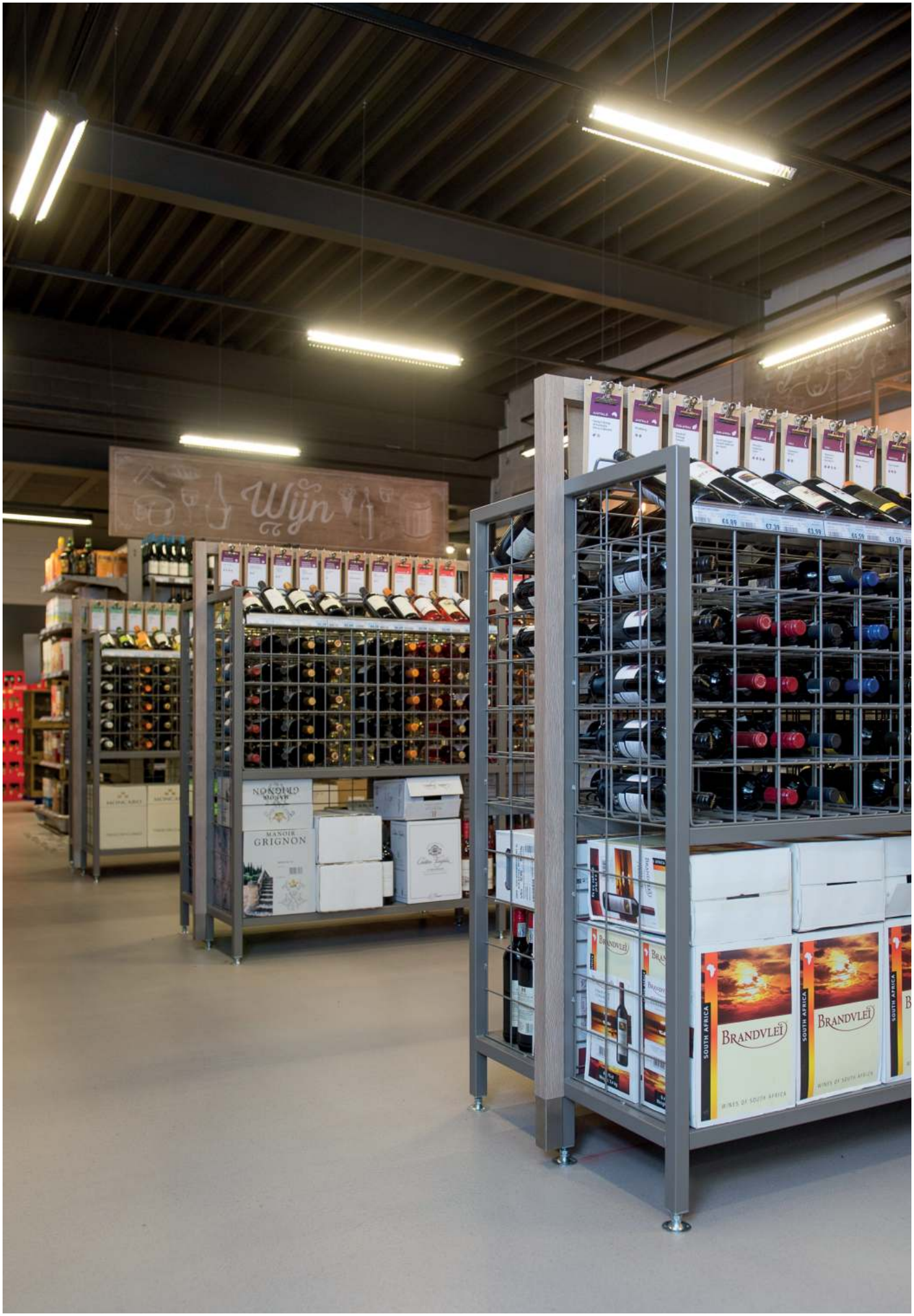
- Uzun Ömürlü LED aydınlatma modülleri içerir
- Marketlerde olması gereken düşük kamaşma özelliği
- Sistem verimliliği opal pleksi ile 90 lm/W'ın üzerindedir.

Application

- Markets
- Industry
- Offices

Uygulama Alanları

- Marketler
- Endüstriyel Alanlar
- Ofisler


Wijn
MANOIR
GRIGNON
BRANDVLEI
SOUTH AFRICA

ROOD Linea Led





ROOD is a functional linear led lighting solution that can be used in wide range of applications like offices, retail areas, hotels etc. The movable panel offers flexible and efficient LED lighting. Different options like opal diffuser attachment, reflector louvre and white painted raster louvre solutions can be integrated. Highest lumen/watt SMD led technology preferred.

ROOD otel, ofis ve mağaza satış alanları gibi geniş bir alanda kullanılabilen fonksyonel bir üründür. Hareketli ışık panelleri sayesinde farklı tavan ve raf yüksekliklerine adapte olur. Yüzde yüze yakın enerji tasarrufu sağlar. Opal pleksi, parabolik reflektör ve beyaz boyalı sac petekli seçeneklere sahiptir. En yüksek lümen/watt değerlerine sahip SMD LED teknolojisi uygulanmaktadır.

Rood

DIM Options / DIM seçenekleri

		 Rood Susp.	 Rood Surface	 Rood Track	 Rood Susp.	 Rood Surface
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its ROOD linear range that provides easy control and saves time on wiring during installation.

Avolux ROOD serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Rood linear range.

Avolux Rood serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Rood

 Rood Track	 Rood Susp.	 Rood Surface	 Rood Track
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its ROOD linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux ROOD serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS

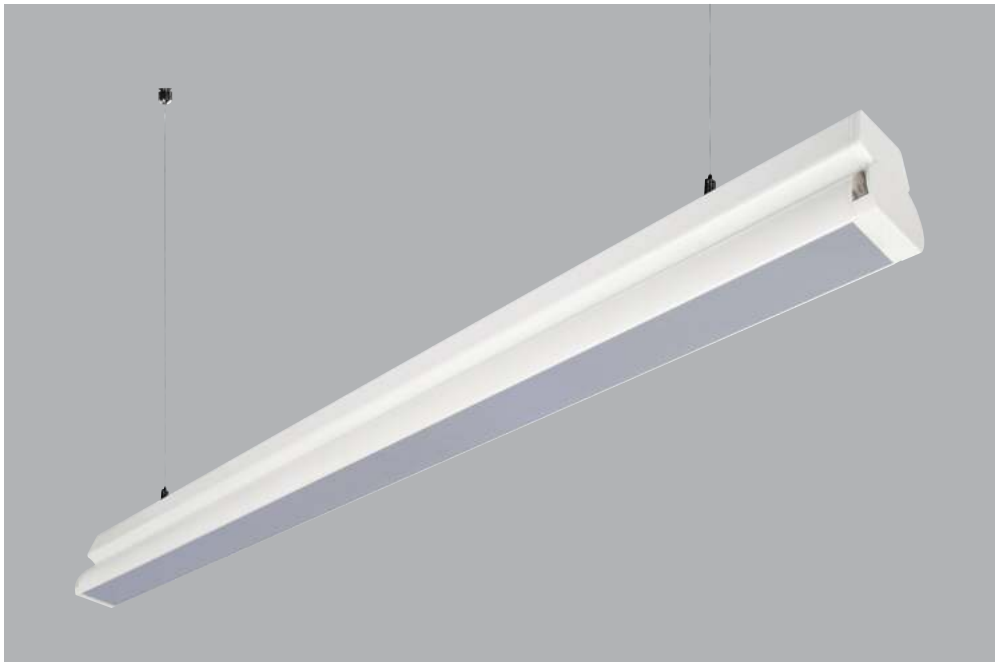


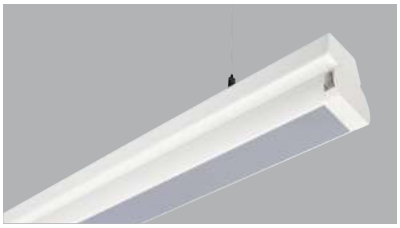
Xpress





Rood





* Code example / Kod örneği:

I02.LL.19210 . 1180 . 035 . 830 . 01

1 2 3 4 5

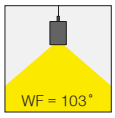
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | 90° 0° | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

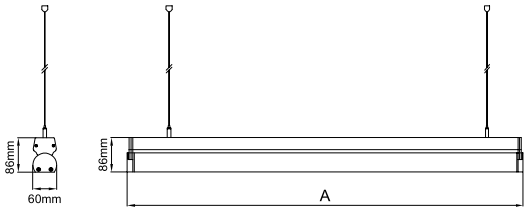
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



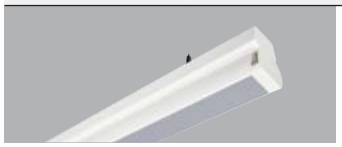
Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19210.1180.035.830.01
Family Name / Aile Adı	Rood
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	60mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>76lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Rood

Rood Suspendant / I02.LL.19210



* Code example / Kod örneği:

I02.LL.19210 . 1180 . 035 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19210 . (...) . (...) . (...)	2700K	1910	2457	3103
			3000K	1971	2535	3202
			3500K	2001	2574	3252
			4000K	2078	2673	3376
			5000K	2108	2712	3425
	CRI>90	I02.LL.19210 . (...) . (...) . (...)	2700K	1604	2068	2606
			3000K	1650	2122	2681
			3500K	1680	2162	2730
			4000K	1741	2240	2830

Rood Surface Mounted / I02.LL.19220



* Code example / Kod örneği:

I02.LL.19220 . 1180 . 035 . 830 . 01

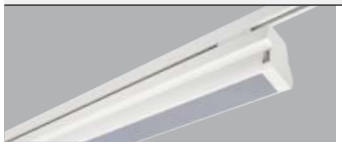
1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19220 . (...) . (...) . (...)	2700K	1910	2457	3103
			3000K	1971	2535	3202
			3500K	2001	2574	3252
			4000K	2078	2673	3376
			5000K	2108	2712	3425
	CRI>90	I02.LL.19220 . (...) . (...) . (...)	2700K	1604	2068	2606
			3000K	1650	2122	2681
			3500K	1680	2162	2730
			4000K	1741	2240	2830

Rood Track Mounted / I02.LL.19230



* Code example / Kod örneği:

I02.LL.19230 . 1180 . 035 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19230 . (...) . (...) . (...)	2700K	1910	2457	3103
			3000K	1971	2535	3202
			3500K	2001	2574	3252
			4000K	2078	2673	3376
			5000K	2108	2712	3425
	CRI>90	I02.LL.19230 . (...) . (...) . (...)	2700K	1604	2068	2606
			3000K	1650	2122	2681
			3500K	1680	2162	2730
			4000K	1741	2240	2830

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
900mm	28W	28W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1180mm	35W	35W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1460mm	43W	43W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Rood





* Code example / Kod örneği:

I02.LL.19212 . 1180 . 035 . 830 . 01

1 2 3 4 5

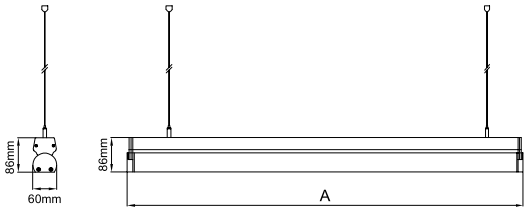
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | 90° 0° | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

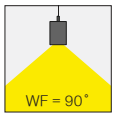
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19212.1180.035.830.01
Family Name / Aile Adı	Rood
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	60mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>114lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Parabolic Aluminium Reflector / Parabolik Aluminyum Reflektör

Rood

Rood Suspendant / I02.LL.19212



* Code example / Kod örneği:

I02.LL.19212 . 1180 . 035 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19212 . (...) . (...) . (...)	2700K	2884	3674	3492
			3000K	2976	3791	3604
			3500K	3022	3850	3660
			4000K	3138	3997	3800
			5000K	3184	4056	3856
	CRI>90	I02.LL.19212 . (...) . (...) . (...)	2700K	2442	3086	2933
			3000K	2492	3174	3017
			3500K	2538	3233	3073
			4000K	2630	3350	3185

Rood Surface Mounted / I02.LL.19222



* Code example / Kod örneği:

I02.LL.19222 . 1180 . 035 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19222 . (...) . (...) . (...)	2700K	2884	3674	3492
			3000K	2976	3791	3604
			3500K	3022	3850	3660
			4000K	3138	3997	3800
			5000K	3184	4056	3856
	CRI>90	I02.LL.19222 . (...) . (...) . (...)	2700K	2442	3086	2933
			3000K	2492	3174	3017
			3500K	2538	3233	3073
			4000K	2630	3350	3185

Rood Track Mounted / I02.LL.19232



* Code example / Kod örneği:

I02.LL.19232 . 1180 . 035 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19232 . (...) . (...) . (...)	2700K	2884	3674	3492
			3000K	2976	3791	3604
			3500K	3022	3850	3660
			4000K	3138	3997	3800
			5000K	3184	4056	3856
	CRI>90	I02.LL.19232 . (...) . (...) . (...)	2700K	2442	3086	2933
			3000K	2492	3174	3017
			3500K	2538	3233	3073
			4000K	2630	3350	3185

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
900mm	28W	28W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1180mm	35W	35W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1460mm	43W	43W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Rood





* Code example / Kod örneği:

I02.LL.19214 . 1180 . 035 . 830 . 01

1 2 3 4 5

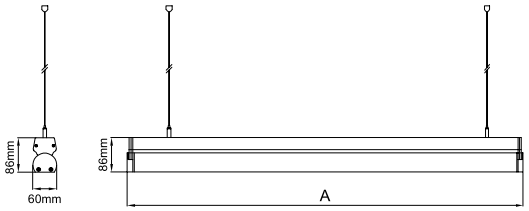
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi



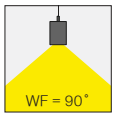
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



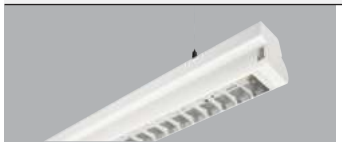
Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19214.1180.035.830.01
Family Name / Aile Adı	Rood
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear Movable / Lineer Hareketli
Profile Width / Profil Genişliği	60mm
Profile Height / Profil Yüksekliği	86mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>90lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	RAL Painted Metal Louver / RAL Boyalı Sac Petekli Lamel

Rood

Rood Suspendant / I02.LL.19214



* Code example / Kod örneği:

I02.LL.19214 . 1180 . 035 . 830 . 01

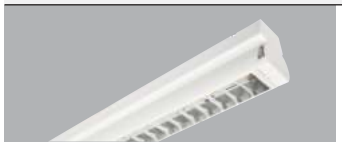
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19214 . (...) . (...) . (...)	2700K	2295	2936	3695
			3000K	2368	3030	3813
			3500K	2405	3077	3872
			4000K	2497	3195	4020
			5000K	2533	3242	4079
	CRI>90	I02.LL.19214 . (...) . (...) . (...)	2700K	1927	2466	3103
			3000K	1983	2537	3192
			3500K	2019	2584	3251
			4000K	2093	2678	3369

Rood Surface Mounted / I02.LL.19224



* Code example / Kod örneği:

I02.LL.19224 . 1180 . 035 . 830 . 01

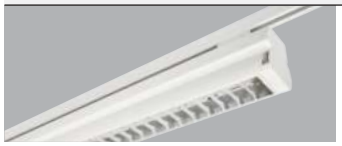
1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19224 . (...) . (...) . (...)	2700K	2295	2936	3695
			3000K	2368	3030	3813
			3500K	2405	3077	3872
			4000K	2497	3195	4020
			5000K	2533	3242	4079
	CRI>90	I02.LL.19224 . (...) . (...) . (...)	2700K	1927	2466	3103
			3000K	1983	2537	3192
			3500K	2019	2584	3251
			4000K	2093	2678	3369

Rood Track Mounted / I02.LL.19234



* Code example / Kod örneği:

I02.LL.19234 . 1180 . 035 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	900mm 28W 350mA lm	1180mm 35W 350mA lm	1460mm 43W 350mA lm
900mm - 28W 1180mm - 35W 1460mm - 43W	CRI>80	I02.LL.19234 . (...) . (...) . (...)	2700K	2295	2936	3695
			3000K	2368	3030	3813
			3500K	2405	3077	3872
			4000K	2497	3195	4020
			5000K	2533	3242	4079
	CRI>90	I02.LL.19234 . (...) . (...) . (...)	2700K	1927	2466	3103
			3000K	1983	2537	3192
			3500K	2019	2584	3251
			4000K	2093	2678	3369

(...) / Complete Code / Komple Kod

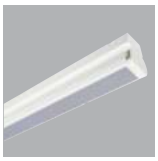
2 Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
900mm	28W	28W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1180mm	35W	35W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1460mm	43W	43W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

LDT Files / LDT Dataları

Lightheads can be adjusted to various positions according to project requirement.

Işık kaynağı projenin gereksinimlerine göre farklı derecede yönlendirilerek alternatif aydınlatma çözümü sunar.

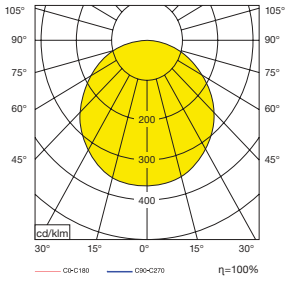

I02.LL.19210


I02.LL.19220


I02.LL.19230

0° Adjustment / Yönlendirme





45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme



Features

- Highly efficient long-life LED light engines
- Advanced optical system compliant with supermarket glare norms
- System efficiency above 90 lm/W with opal diffuser.

Özellikler

- Uzun Ömürlü LED aydınlatma modülleri içerir
- Marketlerde olması gereken düşük kamaşma özelliği
- Sistem verimliliği opal pleksi ile 90 lm/W'ın üzerindedir.

Application

- Markets
- Industry
- Offices

Uygulama Alanları

- Marketler
- Endüstriyel Alanlar
- Ofisler

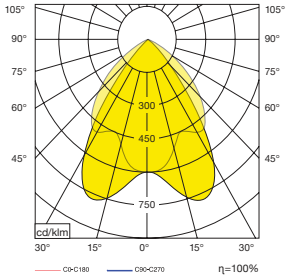

I02.LL.19212


I02.LL.19222


I02.LL.19232

0° Adjustment / Yönlendirme





45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme



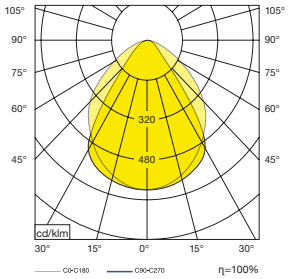

I02.LL.19214


I02.LL.19224


I02.LL.19234

0° Adjustment / Yönlendirme





45° Adjustment / Yönlendirme



90° Adjustment / Yönlendirme




HANOS
s a concept!
CANTUCCINI - AMANETTI
PATISSERIE NON-FOOD
TABLET
SAPORI

EXTRUDE Linea Led





EXTRUDE inspired from its traditional T5 version. High efficient opal diffuser placed on led modules to create integrated lamp effect. Powered by aluminium reflectors on both corners, the efficiency of the Extrude range is over 110lm/Watt despite the opal diffuser application.

Minimalistic design of the profile widely preffered by architects and lighting designers. Both suspended, surface mounted and track mounting versions increases the range of applications that can be used. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI, Wireless DIM and Tunable White selections increases the functionality of the luminaire.

EXTRUDE serisi T5 versiyonundan esinlendi. Led modüllerin üzerine yerleştirilen ampul görünümlü yüksek verimli opal diffüzör entegre ampul görüntüsü yaratmaktadır. Armatürün her iki yanına yerleştirilen reflektörler opal diffüzör kullanılmasına rağmen 110lm/Watt'ın üzerinde verimlilik yaratmaktadır.

Armatür profilinin minimal kesitleri projelerde mimar ve aydınlatma tasarımcıları arasında geniş bir rağbet görmesini sağlamaktadır. Sıvaüstü, sarkıt ve raya monte versiyonları ile geniş bir uygulama alanına sahiptir. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI, Kablosuz DIM ve Dinamik Beyaz seçenekleri armatürün fonksyonelliğni artırır.

Extrude

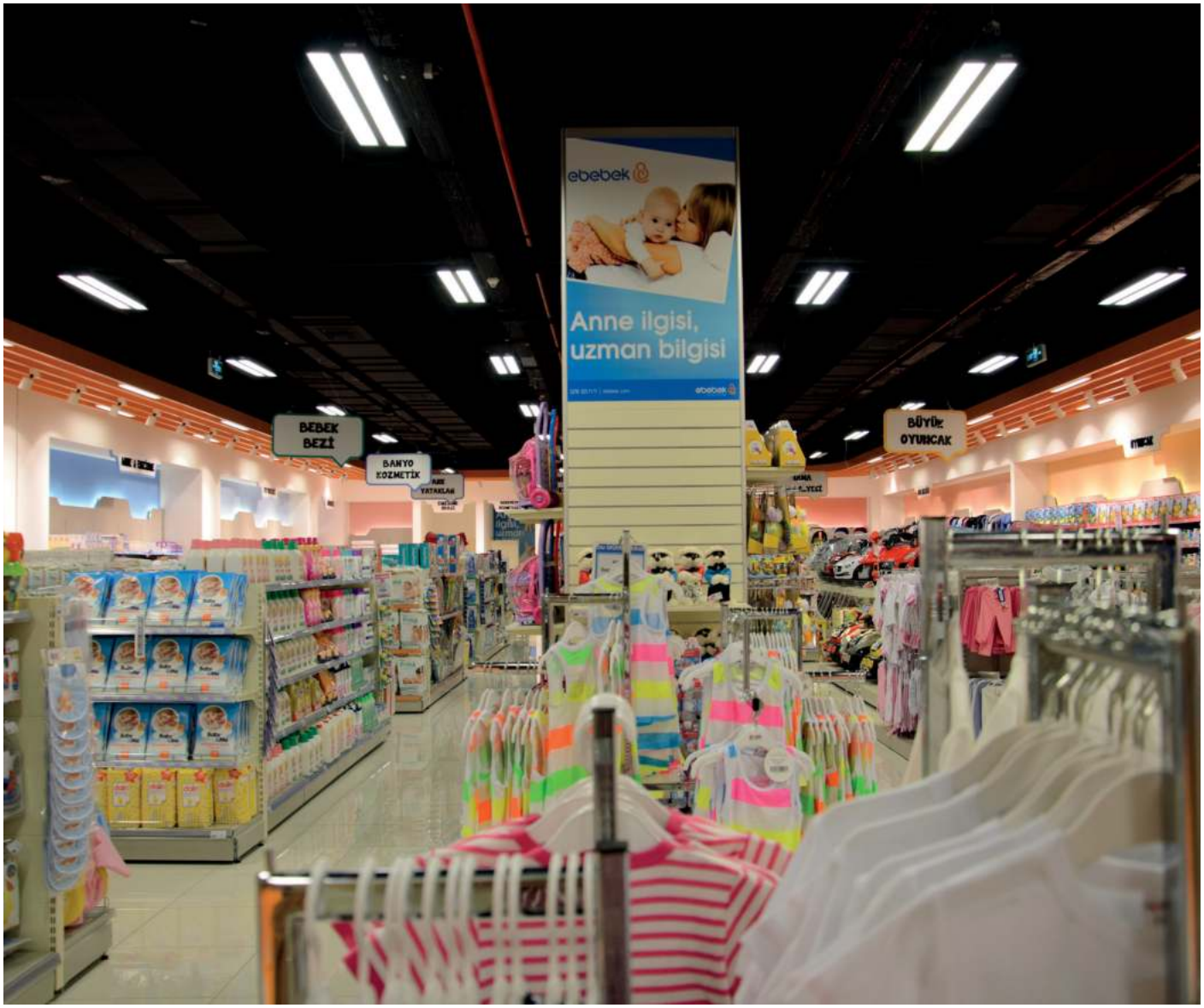
DIM Options / DIM seçenekleri

		 Extrude Susp.	 Extrude Surface	 Extrude Track	 Extrude Susp.	 Extrude Surface	 Extrude Track
ON-OFF		•	•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH						
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM						
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•	•

		 Extrude Susp.	 Extrude Surface	 Extrude Track
ON-OFF		•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH			
1-10V DIM	Ext.Code / Kod: .VO	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM			
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•

Extrude

 Extrude Susp.	 Extrude Surface	 Extrude Track	 Extrude Susp.	 Extrude Surface	 Extrude Track	 Extrude Susp.	 Extrude Surface	 Extrude Track
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•



Extrude

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its EXTRUDE linear range that provides easy control and saves time on wiring during installation.

Avolux EXTRUDDE serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Extrude linear range.

Avolux Extrude serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its EXTRUDE linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux EXTRUDE serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



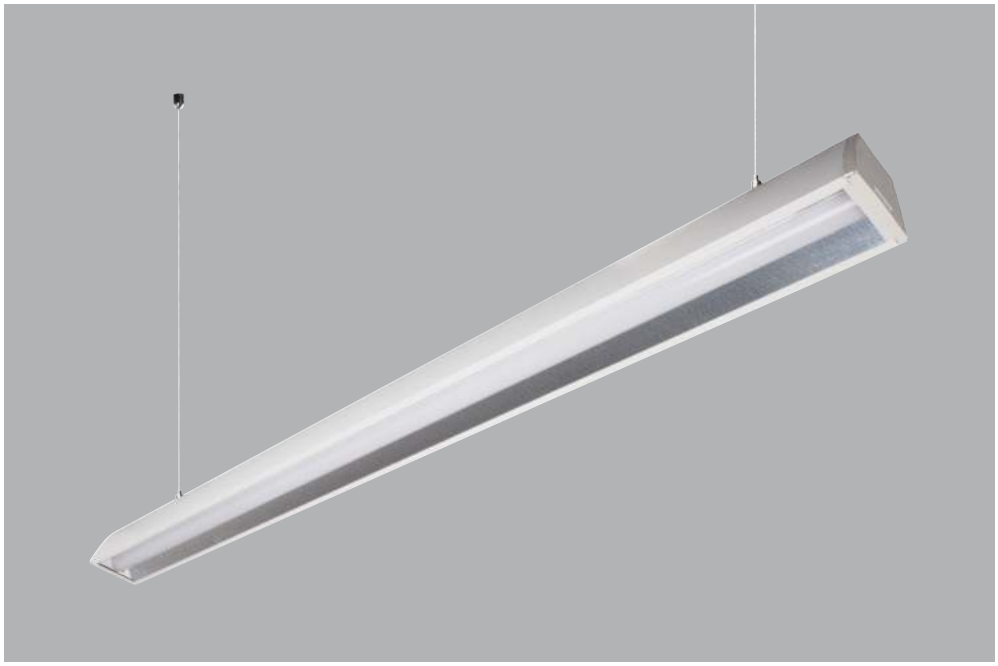
Xpress






BEBEK BEZİ
bebek bezi ebebek'ten alınır!
Anne ve bebeğin tüm
Anne ilgisi uzman
ebebek
Bu ürüne dikkat
3
4
7
44

Extrude





* Code example / Kod örneği:

I02.LL.19030 . 1150 . 034 . 830 . 01

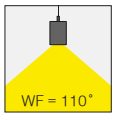
1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

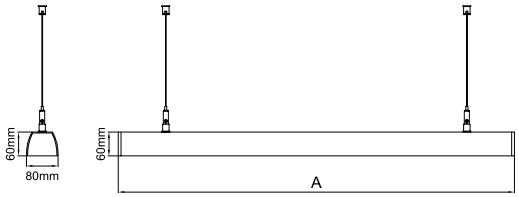
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19030.1150.034.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	80mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>112lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Extrude

Extrude Suspendant / I02.LL.19030



* Code example / Kod örneği:

I02.LL.19030 . 1150 . 034 . 830 . 01

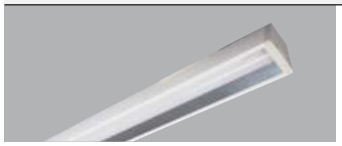
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.19030 . (...) . (...) . (...)	2700K	3505	4434	5409
			3000K	3617	4575	5582
			3500K	3674	4647	5670
			4000K	3814	4825	5886
			5000K	3870	4895	5973
	CRI>90	I02.LL.19030 . (...) . (...) . (...)	2700K	2944	3724	4544
			3000K	3029	3831	4675
			3500K	3085	3902	4761
			4000K	3197	4044	4934

Extrude Surface Mounted / I02.LL.19033



* Code example / Kod örneği:

I02.LL.19033 . 1150 . 034 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.19033 . (...) . (...) . (...)	2700K	3505	4434	5409
			3000K	3617	4575	5582
			3500K	3674	4647	5670
			4000K	3814	4825	5886
			5000K	3870	4895	5973
	CRI>90	I02.LL.19033 . (...) . (...) . (...)	2700K	2944	3724	4544
			3000K	3029	3831	4675
			3500K	3085	3902	4761
			4000K	3197	4044	4934

Extrude Track Mounted / I02.LL.19035



* Code example / Kod örneği:

I02.LL.19035 . 1150 . 034 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi

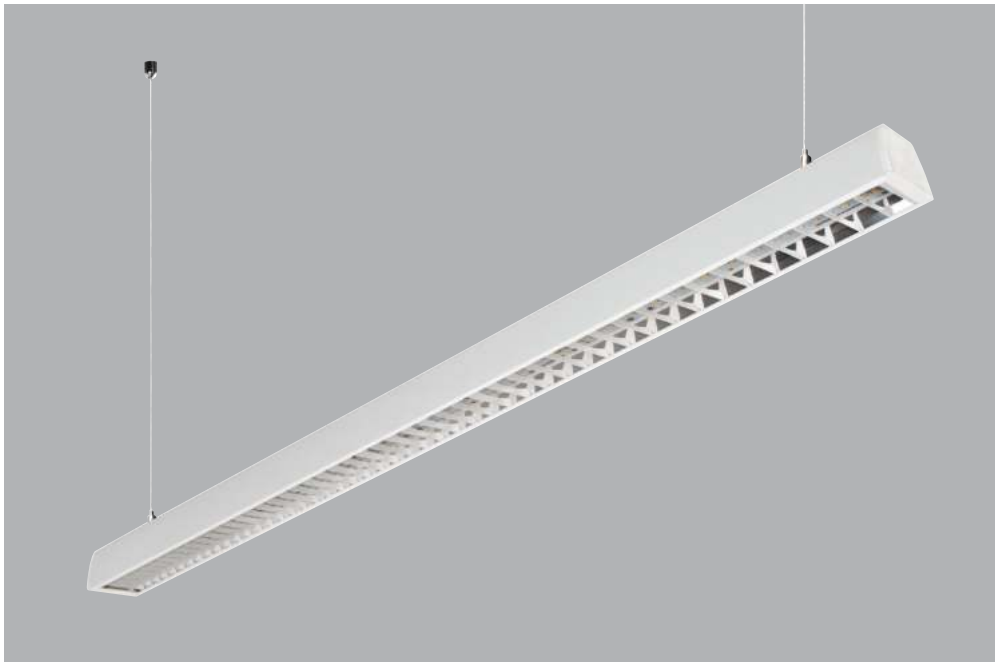


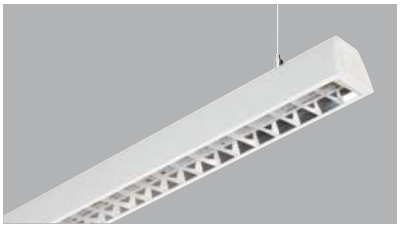
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.19035 . (...) . (...) . (...)	2700K	3505	4434	5409
			3000K	3617	4575	5582
			3500K	3674	4647	5670
			4000K	3814	4825	5886
			5000K	3870	4895	5973
	CRI>90	I02.LL.19035 . (...) . (...) . (...)	2700K	2944	3724	4544
			3000K	3029	3831	4675
			3500K	3085	3902	4761
			4000K	3197	4044	4934

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	34W	34W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1430mm	43W	43W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1710mm	51W	51W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Extrude





* Code example / Kod örneği:

I02.LL.18030 . 1150 . 034 . 830 . 01

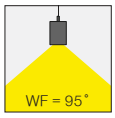
1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

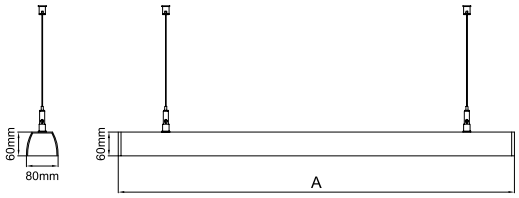
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.18030.1150.034.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	80mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>95lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	RAL Painted Metal Louver / RAL Boyalı Sac Petekli Lamel

Extrude

Extrude Suspendant / I02.LL.18030



* Code example / Kod örneği:

I02.LL.18030 . 1150 . 034 . 830 . 01

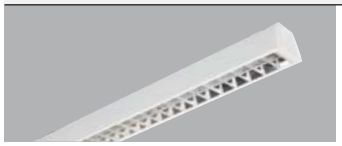
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.18030 . (...) . (...) . (...)	2700K	2969	3756	4582
			3000K	3064	3876	4729
			3500K	3112	3936	4803
			4000K	3231	4087	4987
			5000K	3278	4146	5059
	CRI>90	I02.LL.18030 . (...) . (...) . (...)	2700K	2494	3155	3849
			3000K	2566	3246	3960
			3500K	2613	3305	4033
			4000K	2708	3425	4179

Extrude Surface Mounted / I02.LL.18033



* Code example / Kod örneği:

I02.LL.18033 . 1150 . 034 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.18033 . (...) . (...) . (...)	2700K	2969	3756	4582
			3000K	3064	3876	4729
			3500K	3112	3936	4803
			4000K	3231	4087	4987
			5000K	3278	4146	5059
	CRI>90	I02.LL.18033 . (...) . (...) . (...)	2700K	2494	3155	3849
			3000K	2566	3246	3960
			3500K	2613	3305	4033
			4000K	2708	3425	4179

Extrude Track Mounted / I02.LL.18035



* Code example / Kod örneği:

I02.LL.18035 . 1150 . 034 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi

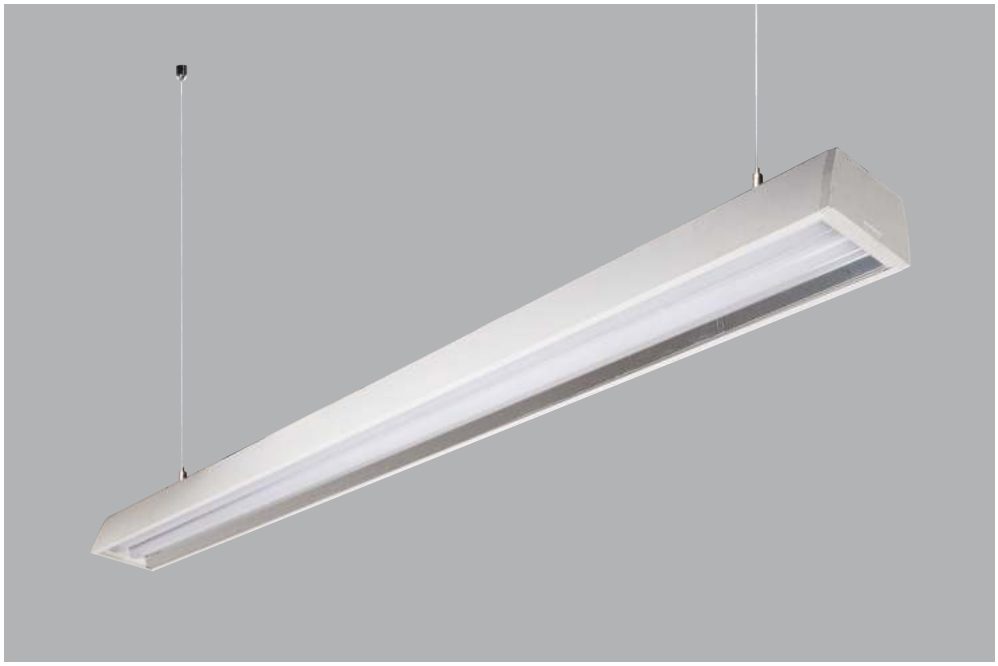


Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 34W 350mA lm	1430mm 43W 350mA lm	1710mm 51W 350mA lm
1150mm - 34W 1430mm - 43W 1710mm - 51W	CRI>80	I02.LL.18035 . (...) . (...) . (...)	2700K	2969	3756	4582
			3000K	3064	3876	4729
			3500K	3112	3936	4803
			4000K	3231	4087	4987
			5000K	3278	4146	5059
	CRI>90	I02.LL.18035 . (...) . (...) . (...)	2700K	2494	3155	3849
			3000K	2566	3246	3960
			3500K	2613	3305	4033
			4000K	2708	3425	4179

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	34W	34W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1430mm	43W	43W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1710mm	51W	51W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Extrude





* Code example / Kod örneği:

I02.LL.19045 . 1150 . 067 . 830 . 01

1 2 3 4 5

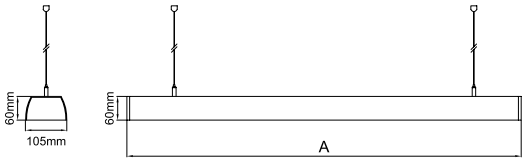
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

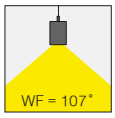
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19045.1150.067.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	105mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>109lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Extrude

Extrude Suspendant / I02.LL.19045



* Code example / Kod örneği:

I02.LL.19045 . 1150 . 067 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19045 . (...) . (...) . (...)	2700K	6701	8723	11305
			3000K	6916	9002	11666
			3500K	7023	9141	11847
			4000K	7291	9490	12299
			5000K	7398	9630	12481
	CRI>90	I02.LL.19045 . (...) . (...) . (...)	2700K	5629	7327	9496
			3000K	5790	7536	9767
			3500K	5897	7676	9948
			4000K	6112	7955	10310

Extrude Surface Mounted / I02.LL.19048



* Code example / Kod örneği:

I02.LL.19048 . 1150 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19048 . (...) . (...) . (...)	2700K	6701	8723	11305
			3000K	6916	9002	11666
			3500K	7023	9141	11847
			4000K	7291	9490	12299
			5000K	7398	9630	12481
	CRI>90	I02.LL.19048 . (...) . (...) . (...)	2700K	5629	7327	9496
			3000K	5790	7536	9767
			3500K	5897	7676	9948
			4000K	6112	7955	10310

Extrude Track Mounted / I02.LL.19050



* Code example / Kod örneği:

I02.LL.19050 . 1150 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19050 . (...) . (...) . (...)	2700K	6701	8723	11305
			3000K	6916	9002	11666
			3500K	7023	9141	11847
			4000K	7291	9490	12299
			5000K	7398	9630	12481
	CRI>90	I02.LL.19050 . (...) . (...) . (...)	2700K	5629	7327	9496
			3000K	5790	7536	9767
			3500K	5897	7676	9948
			4000K	6112	7955	10310

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	67W	67W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1430mm	84W	84W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1710mm	105W	105W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Extrude





* Code example / Kod örneği:

I02.LL.18045 . 1150 . 067 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

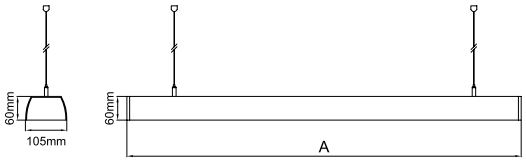
LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

5 / Product Color / Ürün Renk

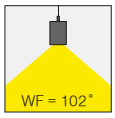


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.18045.1150.067.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	105mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>92lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	RAL Painted Metal Louver / RAL Boyalı Sac Petekli Lamel

Extrude

Extrude Suspendant / I02.LL.18045



* Code example / Kod örneği:

I02.LL.18045 . 1150 . 067 . 830 . 01

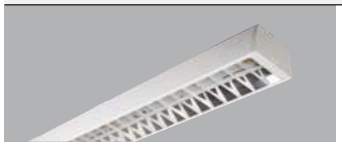
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18045 . (...) . (...) . (...)	2700K	5675	7389	9577
			3000K	5858	7625	9883
			3500K	5949	7743	10036
			4000K	6176	8039	10419
			5000K	6267	8157	10573
	CRI>90	I02.LL.18045 . (...) . (...) . (...)	2700K	4768	6206	8044
			3000K	4904	6384	8274
			3500K	4995	6502	8427
			4000K	5177	6739	8739

Extrude Surface Mounted / I02.LL.18048



* Code example / Kod örneği:

I02.LL.18048 . 1150 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18048 . (...) . (...) . (...)	2700K	5675	7389	9577
			3000K	5858	7625	9883
			3500K	5949	7743	10036
			4000K	6176	8039	10419
			5000K	6267	8157	10573
	CRI>90	I02.LL.18048 . (...) . (...) . (...)	2700K	4768	6206	8044
			3000K	4904	6384	8274
			3500K	4995	6502	8427
			4000K	5177	6739	8739

Extrude Track Mounted / I02.LL.18050



* Code example / Kod örneği:

I02.LL.18050 . 1150 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi

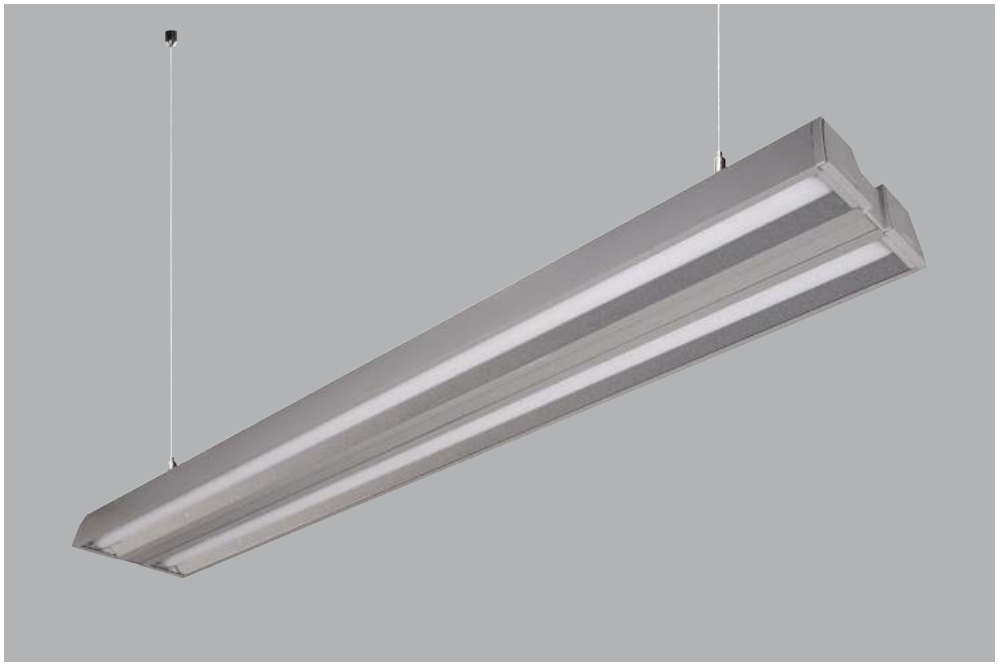


Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18050 . (...) . (...) . (...)	2700K	5675	7389	9577
			3000K	5858	7625	9883
			3500K	5949	7743	10036
			4000K	6176	8039	10419
			5000K	6267	8157	10573
	CRI>90	I02.LL.18050 . (...) . (...) . (...)	2700K	4768	6206	8044
			3000K	4904	6384	8274
			3500K	4995	6502	8427
			4000K	5177	6739	8739

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	67W	67W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
1430mm	84W	84W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
1710mm	105W	105W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
			850	CRI>80 - 5000K			05 dark gray
							06 special color

Extrude





* Code example / Kod örneği:

I02.LL.19060 . 1150 . 067 . 830 . 01

1 2 3 4 5

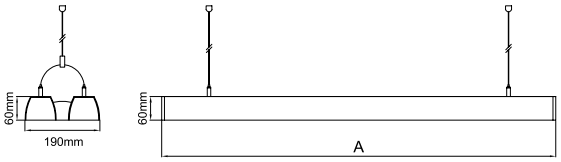
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

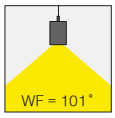
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



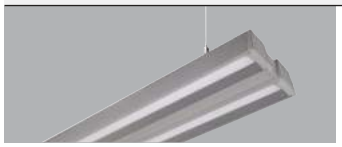
Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19060.1150.067.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	190mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>121lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Extrude

Extrude Suspendant / I02.LL.19060



* Code example / Kod örneği:

I02.LL.19060 . 1150 . 067 . 830 . 01

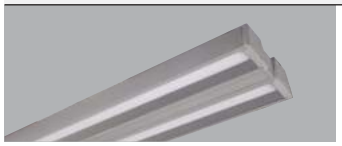
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19060 . (...) . (...) . (...)	2700K	7457	9677	12262
			3000K	7695	9986	12654
			3500K	7815	10141	12850
			4000K	8113	10528	13340
			5000K	8233	10683	13537
	CRI>90	I02.LL.19060 . (...) . (...) . (...)	2700K	6264	8128	10299
			3000K	6443	8361	10594
			3500K	6562	8516	10790
			4000K	6801	8825	11182

Extrude Surface Mounted / I02.LL.19066



* Code example / Kod örneği:

I02.LL.18048 . 1150 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19066 . (...) . (...) . (...)	2700K	7457	9677	12262
			3000K	7695	9986	12654
			3500K	7815	10141	12850
			4000K	8113	10528	13340
			5000K	8233	10683	13537
	CRI>90	I02.LL.19066 . (...) . (...) . (...)	2700K	6264	8128	10299
			3000K	6443	8361	10594
			3500K	6562	8516	10790
			4000K	6801	8825	11182

Extrude Track Mounted / I02.LL.19065



* Code example / Kod örneği:

I02.LL.18050 . 1150 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.19065 . (...) . (...) . (...)	2700K	7457	9677	12262
			3000K	7695	9986	12654
			3500K	7815	10141	12850
			4000K	8113	10528	13340
			5000K	8233	10683	13537
	CRI>90	I02.LL.19065 . (...) . (...) . (...)	2700K	6264	8128	10299
			3000K	6443	8361	10594
			3500K	6562	8516	10790
			4000K	6801	8825	11182

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	67W	67W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1430mm	84W	84W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1710mm	105W	105W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

Extrude





* Code example / Kod örneği:

I02.LL.18060 . 1150 . 067 . 830 . 01

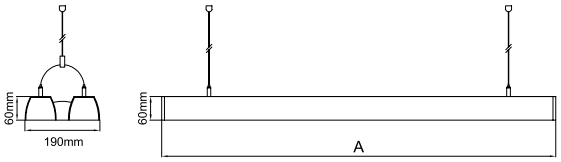
1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

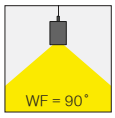
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



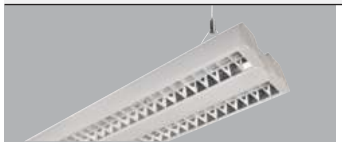
Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.18060.1150.067.830.01
Family Name / Aile Adı	Extrude
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	190mm
Profile Height / Profil Yüksekliği	60mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>103lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	RAL Painted Metal Louver / RAL Boyalı Sac Petekli Lamel

Extrude

Extrude Suspendant / I02.LL.18060



* Code example / Kod örneği:

I02.LL.18060 . 1150 . 067 . 830 . 01

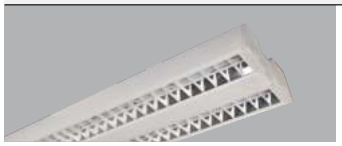
1 2 3 4 5

Suspension Wire
Sarkıtma Teli



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18060 . (...) . (...) . (...)	2700K	6317	8198	10387
			3000K	6519	8460	10720
			3500K	6620	8591	10886
			4000K	6873	8919	11301
			5000K	6974	9051	11468
	CRI>90	I02.LL.18060 . (...) . (...) . (...)	2700K	5306	6886	8725
			3000K	5458	7083	8975
			3500K	5559	7214	9141
			4000K	5761	7476	9473

Extrude Surface Mounted / I02.LL.18066



* Code example / Kod örneği:

I02.LL.18066 . 1150 . 067 . 830 . 01

1 2 3 4 5

Wadge
Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18066 . (...) . (...) . (...)	2700K	6317	8198	10387
			3000K	6519	8460	10720
			3500K	6620	8591	10886
			4000K	6873	8919	11301
			5000K	6974	9051	11468
	CRI>90	I02.LL.18066 . (...) . (...) . (...)	2700K	5306	6886	8725
			3000K	5458	7083	8975
			3500K	5559	7214	9141
			4000K	5761	7476	9473

Extrude Track Mounted / I02.LL.18065



* Code example / Kod örneği:

I02.LL.18065 . 1150 . 067 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi



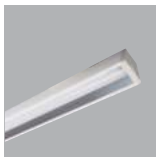
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1150mm 67W 350mA lm	1430mm 84W 350mA lm	1710mm 105W 350mA lm
1150mm - 67W 1430mm - 84W 1710mm - 105W	CRI>80	I02.LL.18065 . (...) . (...) . (...)	2700K	6317	8198	10387
			3000K	6519	8460	10720
			3500K	6620	8591	10886
			4000K	6873	8919	11301
			5000K	6974	9051	11468
	CRI>90	I02.LL.18065 . (...) . (...) . (...)	2700K	5306	6886	8725
			3000K	5458	7083	8975
			3500K	5559	7214	9141
			4000K	5761	7476	9473

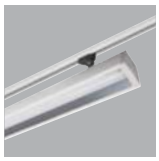
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1150mm	67W	67W (Direct) - 350mA	827	CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
1430mm	84W	84W (Direct) - 350mA	830	CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
1710mm	105W	105W (Direct) - 350mA	835	CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K		05	dark gray
						06	special color

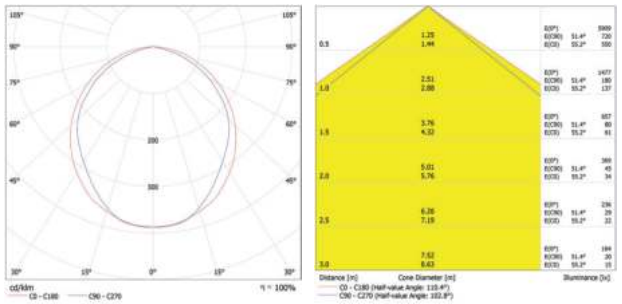
LDT Files / LDT Dataları


I02.LL.19030

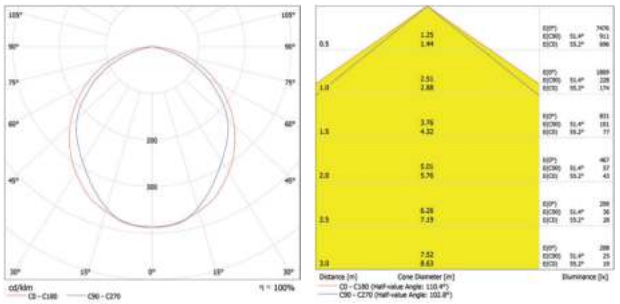

I02.LL.19033


I02.LL.19035

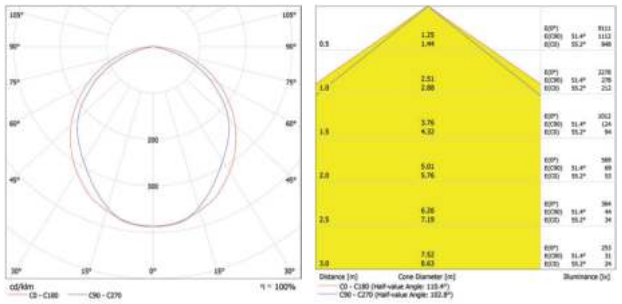
Beam Angle: 110° / 1150mm — 34W / 350mA / SMD LED



Beam Angle: 110° / 1430mm — 43W / 350mA / SMD LED



Beam Angle: 110° / 1710mm — 51W / 350mA / SMD LED

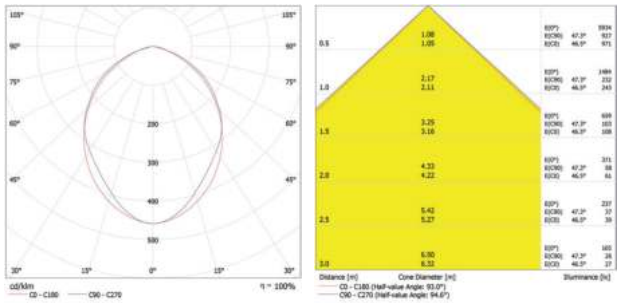



I02.LL.18030

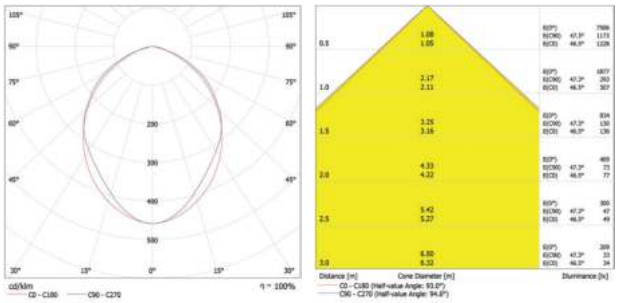

I02.LL.18033


I02.LL.18035

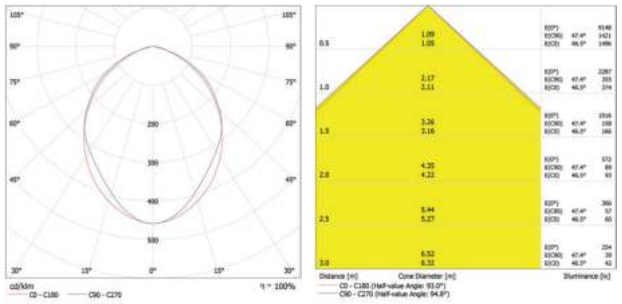
Beam Angle: 95° / 1150mm — 34W / 350mA / SMD LED



Beam Angle: 95° / 1430mm — 43W / 350mA / SMD LED

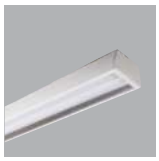


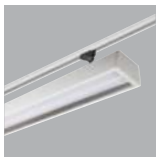
Beam Angle: 95° / 1710mm — 51W / 350mA / SMD LED



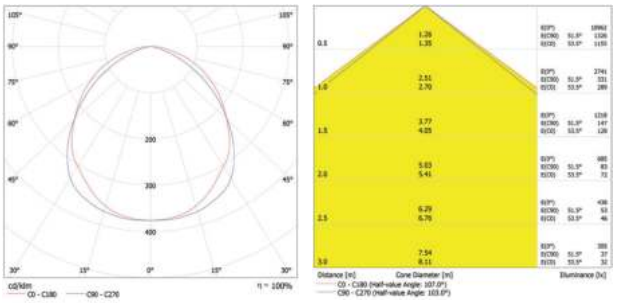
LDT Files / LDT Dataları


I02.LL.19045

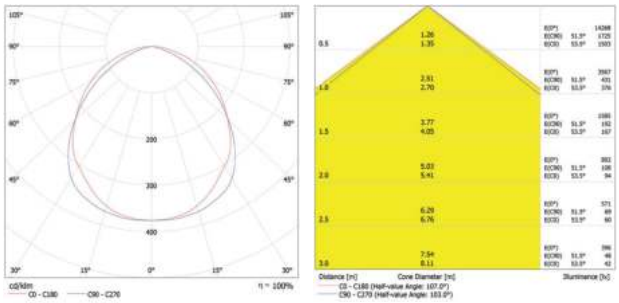

I02.LL.19048


I02.LL.19050

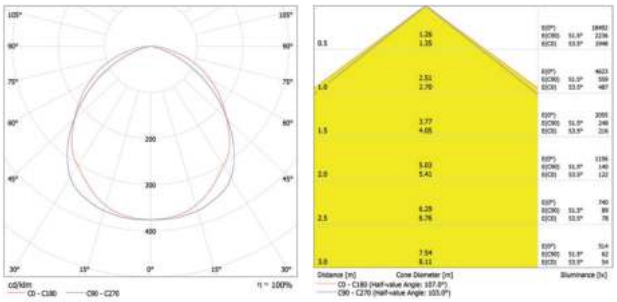
Beam Angle: 107° / 1150mm — 67W / 350mA / SMD LED



Beam Angle: 107° / 1430mm — 84W / 350mA / SMD LED



Beam Angle: 107° / 1710mm — 105W / 350mA / SMD LED

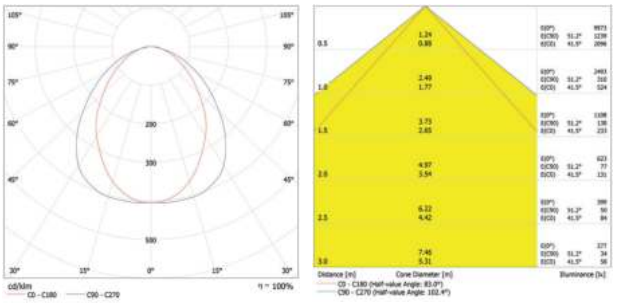



I02.LL.18045

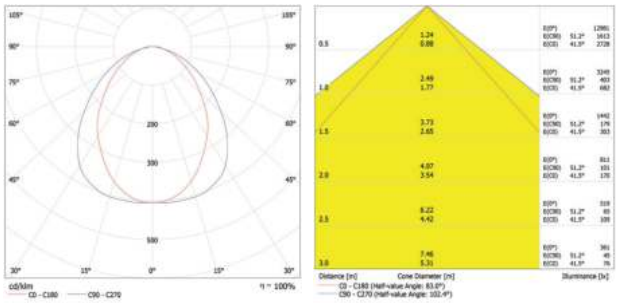

I02.LL.18048


I02.LL.18050

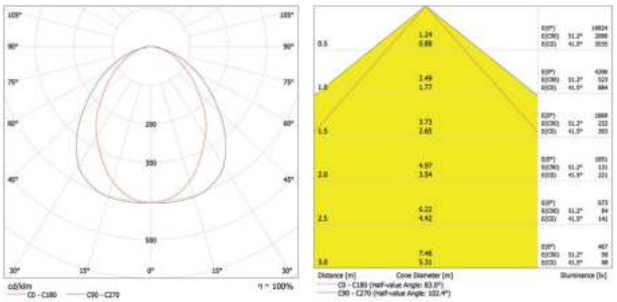
Beam Angle: 102° / 1150mm — 67W / 350mA / SMD LED



Beam Angle: 102° / 1430mm — 84W / 350mA / SMD LED

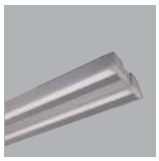


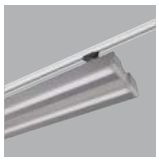
Beam Angle: 102° / 1710mm — 105W / 350mA / SMD LED



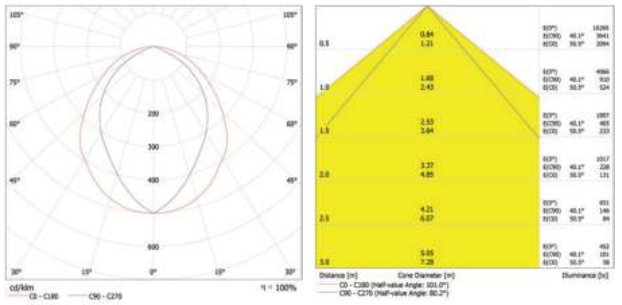
LDT Files / LDT Dataları


I02.LL.19060

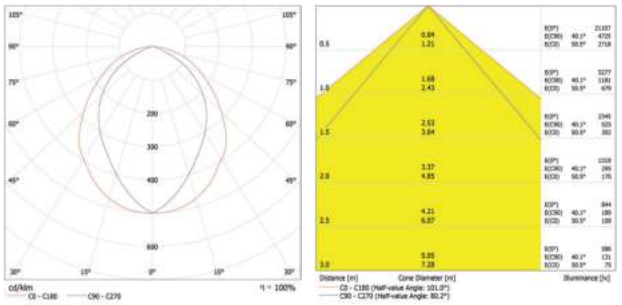

I02.LL.19066


I02.LL.19065

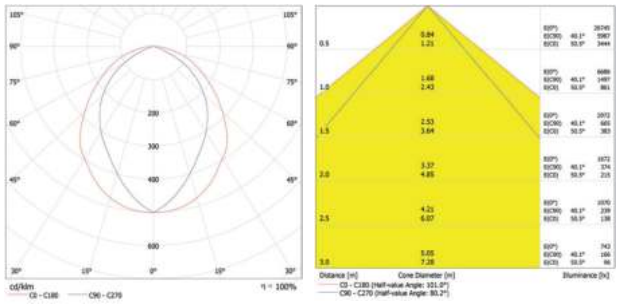
Beam Angle: 101° / 1150mm — 67W / 350mA / SMD LED



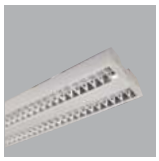
Beam Angle: 101° / 1430mm — 84W / 350mA / SMD LED



Beam Angle: 101° / 1710mm — 105W / 350mA / SMD LED

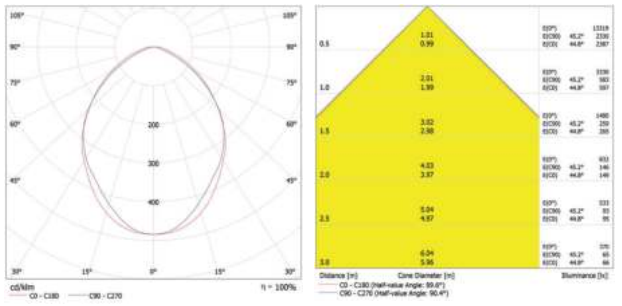



I02.LL.18060

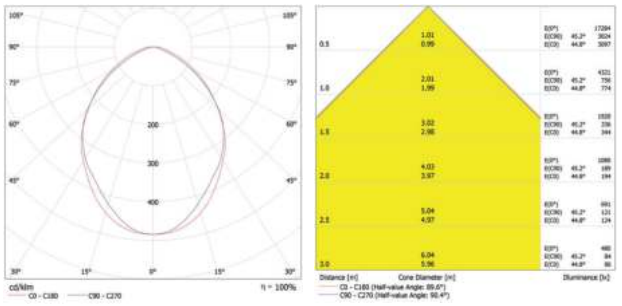

I02.LL.18066


I02.LL.18065

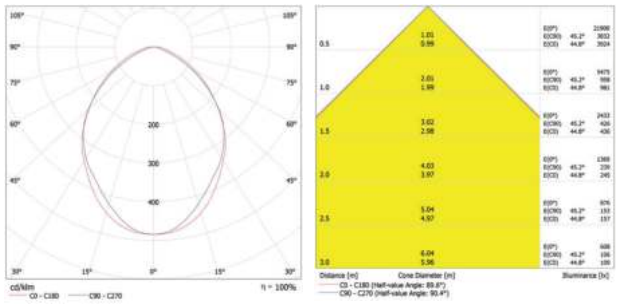
Beam Angle: 90° / 1150mm — 67W / 350mA / SMD LED



Beam Angle: 90° / 1430mm — 84W / 350mA / SMD LED



Beam Angle: 90° / 1710mm — 105W / 350mA / SMD LED




ebebek
Acaba bugün ne giysem?
Anne ilgisi, uzman bilgisi
AYAKKABI
OYUNCAK
129

PARS Line Linea Led





Pars Line optical system designed to create low UGR output. Minimalist profile enables this product widely preferred in various spaces. Medium and wide beam angle options available. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI, wireless DIM and Tunable White selections increases the functionality of the luminaire.

Pars Line optik sistemi düşük kamaşma ışık çıkışı için tasarlanmıştır. Minimal profil yapısı sayesinde ofis ve benzeri alanlarda yaygın olarak tercih edilir. Orta ve geniş açı seçenekleri mevcuttur. 2700K, 3000K, 3500K, 4000K ve 5000K ışık rengi farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI, Kablosuz DIM ve Dinamik Beyaz seçenekleri armatürün fonksyonelliğni artırır.

Pars Line

DIM Options / DIM seçenekleri

		 Pars Line Susp.	 Pars Line Surface	 Pars Line Track	 Pars Line Rec.
ON-OFF		•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH				
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM				
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its PARS LINE linear range that provides easy control and saves time on wiring during installation.

Avolux PARS LINE serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Pars Line linear range.

Avolux Pars Line serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



Pars Line

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its PARS LINE linear system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux PARS LINE serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.

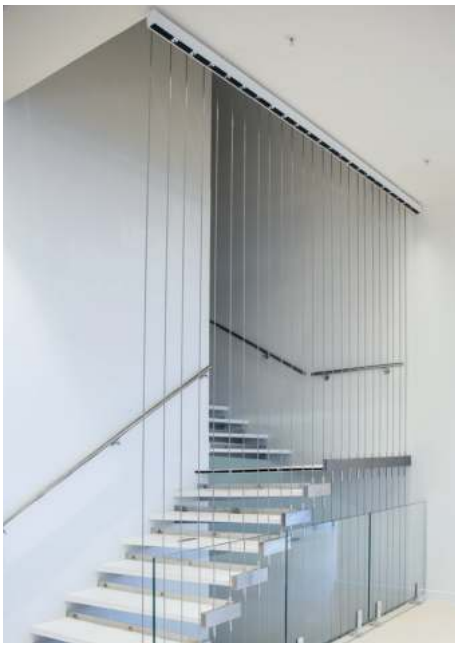


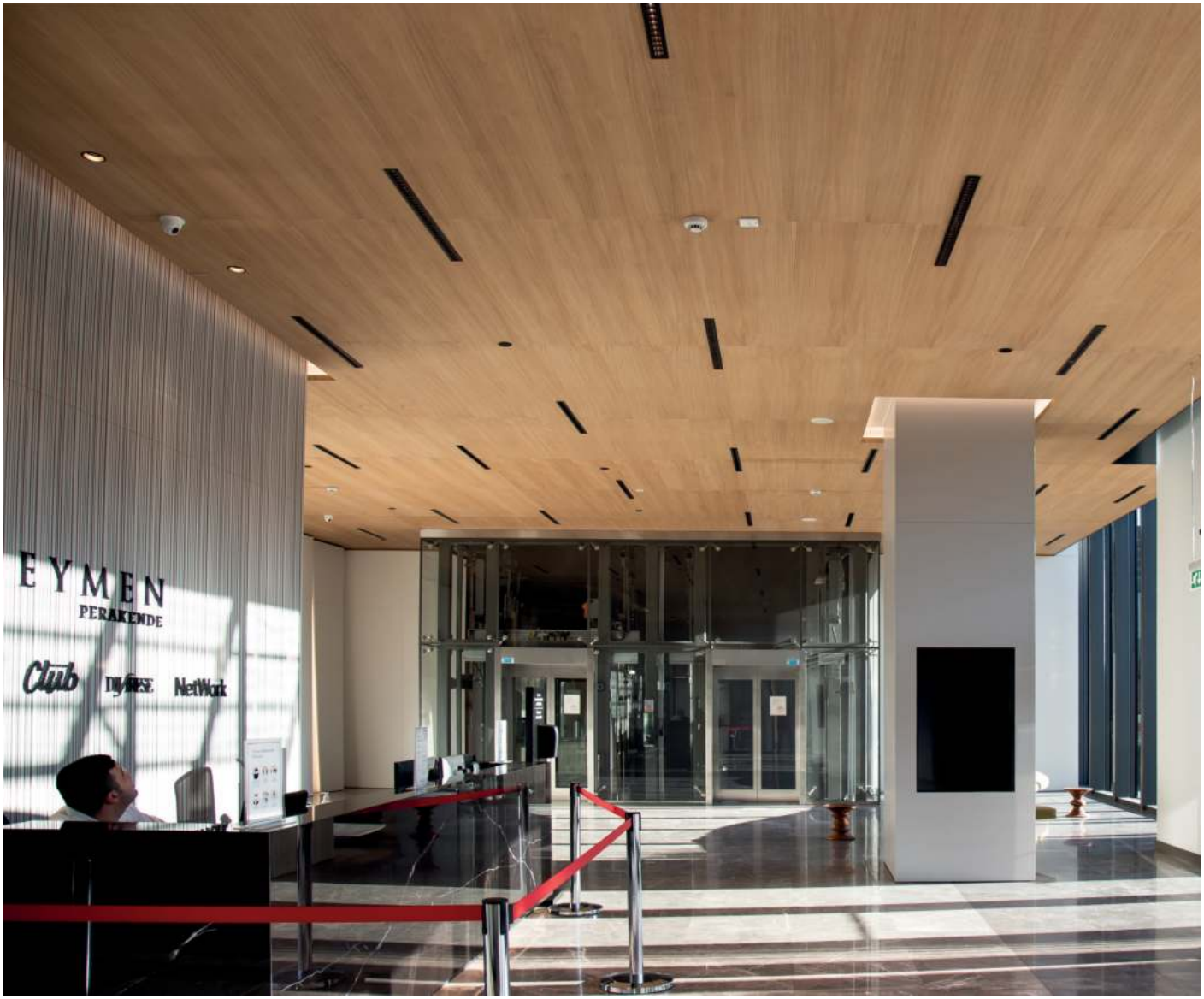
Android & İOS



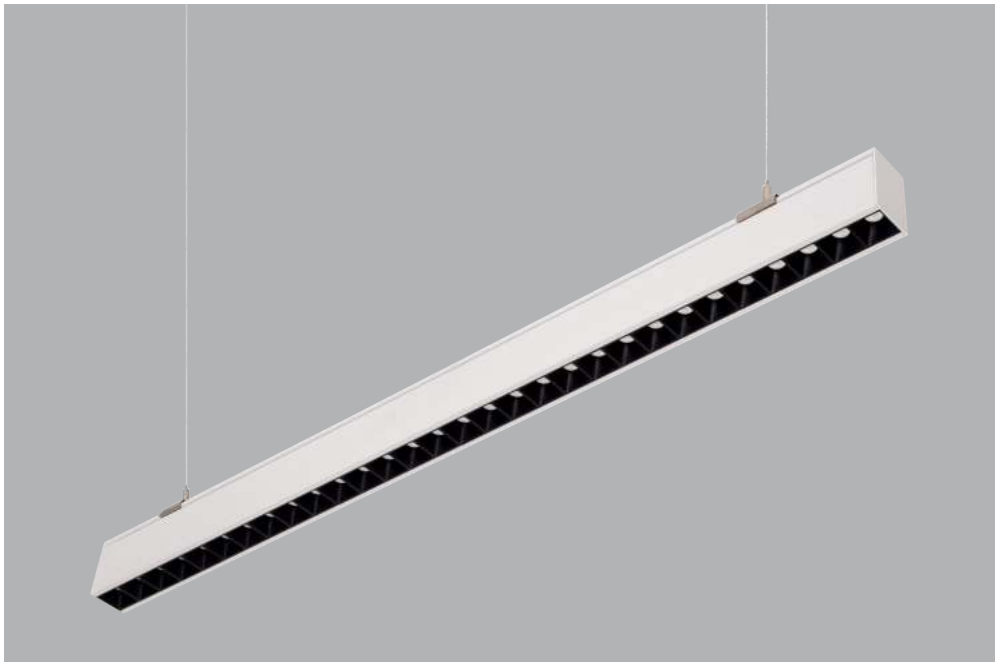
Xpress







Pars Line Suspendant





* Code example / Kod örneği:

I02.LL.19900.0626. 032 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord	Suspension Profile
Ray Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili



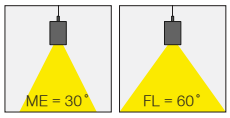


LED A A+ A++ SASO CB LVD CE EAC F IP44 CRI 80 CRI 90

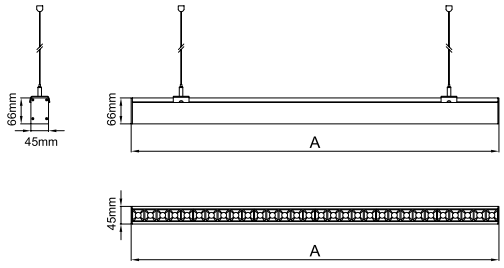
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19900.0626.032.030.830.01
Family Name / Aile Adı	Pars Line
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	45mm
Profile Height / Profil Yüksekliği	66mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sıvaüstü ve Raya Monteli
Efficiency / Verimlilik	>109lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium and Wide Flood / Simetrik Orta ve Geniş Açı
Protection Rating / Koruma Sınıfı	44
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Pars Line Suspendant

Pars Line Suspendant / I02.LL.19900

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	17W 250mA lm	23W 350mA lm	32W 500mA lm
626mm	CRI>80	I02.LL.19900.(...).(...).(...).(...)	2700K	1729	2390	3257
			3000K	1784	2466	3362
			3500K	1819	2515	3428
			4000K	1856	2566	3497
			5000K	1912	2644	3603
	CRI>90	I02.LL.19900.(...).(...).(...).(...)	2700K	1607	2222	3029
			3000K	1658	2292	3124
			3500K	1691	2338	3187
			4000K	1726	2387	3253
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	28W 350mA lm	39.5W 500mA lm
781mm	CRI>80	I02.LL.19900.(...).(...).(...).(...)	2700K	2161	2988	4072
			3000K	2230	3084	4203
			3500K	2274	3145	4286
			4000K	2320	3208	4372
			5000K	2390	3305	4504
	CRI>90	I02.LL.19900.(...).(...).(...).(...)	2700K	2009	2778	3787
			3000K	2073	2866	3906
			3500K	2114	2923	3984
			4000K	2158	2984	4067
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	33.5W 350mA lm	47W 500mA lm
936mm	CRI>80	I02.LL.19900.(...).(...).(...).(...)	2700K	2593	3585	4887
			3000K	2676	3700	5043
			3500K	2729	3773	5143
			4000K	2784	3849	5246
			5000K	2868	3966	5405
	CRI>90	I02.LL.19900.(...).(...).(...).(...)	2700K	2411	3334	4544
			3000K	2487	3439	4687
			3500K	2537	3507	4781
			4000K	2590	3581	4880
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	28W 250mA lm	39W 350mA lm	54W 500mA lm
1091mm	CRI>80	I02.LL.19900.(...).(...).(...).(...)	2700K	3111	4300	5865
			3000K	3211	4440	6050
			3500K	3275	4530	6170
			4000K	3340	4620	6295
			5000K	3440	4760	6485
	CRI>90	I02.LL.19900.(...).(...).(...).(...)	2700K	2895	4000	5450
			3000K	2985	4125	5625
			3500K	3045	4200	5735
			4000K	3108	4300	5855

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)

626mm	17W, 23W, 32W
781mm	20W, 28W, 39.5W
936mm	24W, 33.5W, 47W
1091mm	28W, 39W, 54W

3 Watt - Driving Current / Watt - Sürüş Akımı

17W	17W (Direct) - 250mA
23W	23W (Direct) - 350mA
32W	32W (Direct) - 500mA
20W	20W (Direct) - 250mA
28W	28W (Direct) - 350mA
39.5W	39.5W (Direct) - 500mA
24W	24W (Direct) - 250mA
33.5W	33.5W (Direct) - 350mA
47W	47W (Direct) - 500mA
28W	28W (Direct) - 250mA
39W	39W (Direct) - 350mA
54W	54W (Direct) - 500mA

4 Beam Angle / Işık Açısı

ME	30° - Medium
WF	60° - Wide Flood

5 CRI / Kelvin

827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

6 Product Color / Ürün Renk

01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Pars Line Surface Mounted

Pars Line Surface Mounted / I02.LL.19901



* Code example / Kod örneği:

I02.LL.19901.0626. 032 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Wadge / Takoz



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	17W 250mA lm	23W 350mA lm	32W 500mA lm
626mm	CRI>80	I02.LL.19901.(...).(...).(...)	2700K	1729	2390	3257
			3000K	1784	2466	3362
			3500K	1819	2515	3428
			4000K	1856	2566	3497
			5000K	1912	2644	3603
	CRI>90	I02.LL.19901.(...).(...).(...)	2700K	1607	2222	3029
			3000K	1658	2292	3124
			3500K	1691	2338	3187
			4000K	1726	2387	3253
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**20W 250mA lm**	**28W 350mA lm**	**39.5W 500mA lm**
781mm	CRI>80	I02.LL.19901.(...).(...).(...)	2700K	2161	2988	4072
			3000K	2230	3084	4203
			3500K	2274	3145	4286
			4000K	2320	3208	4372
			5000K	2390	3305	4504
	CRI>90	I02.LL.19901.(...).(...).(...)	2700K	2009	2778	3787
			3000K	2073	2866	3906
			3500K	2114	2923	3984
			4000K	2158	2984	4067
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**33.5W 350mA lm**	**47W 500mA lm**
936mm	CRI>80	I02.LL.19901.(...).(...).(...)	2700K	2593	3585	4887
			3000K	2676	3700	5043
			3500K	2729	3773	5143
			4000K	2784	3849	5246
			5000K	2868	3966	5405
	CRI>90	I02.LL.19901.(...).(...).(...)	2700K	2411	3334	4544
			3000K	2487	3439	4687
			3500K	2537	3507	4781
			4000K	2590	3581	4880
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**28W 250mA lm**	**39W 350mA lm**	**54W 500mA lm**
1091mm	CRI>80	I02.LL.19901.(...).(...).(...)	2700K	3111	4300	5865
			3000K	3211	4440	6050
			3500K	3275	4530	6170
			4000K	3340	4620	6295
			5000K	3440	4760	6485
	CRI>90	I02.LL.19901.(...).(...).(...)	2700K	2895	4000	5450
			3000K	2985	4125	5625
			3500K	3045	4200	5735
			4000K	3108	4300	5855

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
626mm	17W 17W (Direct) - 250mA 23W 23W (Direct) - 350mA 32W 32W (Direct) - 500mA	ME 30° - Medium WF 60° - Wide Flood	827 CRI>80 - 2700K 830 CRI>80 - 3000K 835 CRI>80 - 3500K 840 CRI>80 - 4000K 850 CRI>80 - 5000K	927 CRI>90 - 2700K 930 CRI>90 - 3000K 935 CRI>90 - 3500K 940 CRI>90 - 4000K	01 white 02 ral 9010 03 black 04 gray 05 dark gray 06 special color
781mm	20W 20W (Direct) - 250mA 28W 28W (Direct) - 350mA 39.5W 39.5W (Direct) - 500mA				
936mm	24W 24W (Direct) - 250mA 33.5W 33.5W (Direct) - 350mA 47W 47W (Direct) - 500mA				
1091mm	28W 28W (Direct) - 250mA 39W 39W (Direct) - 350mA 54W 54W (Direct) - 500mA				

Pars Line Track Mounted

Pars Line Track Mounted / I02.LL.19902



* Code example / Kod örneği:

I02.LL.19902 . 0626 . 032 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Track Adaptor
Ray Soketi

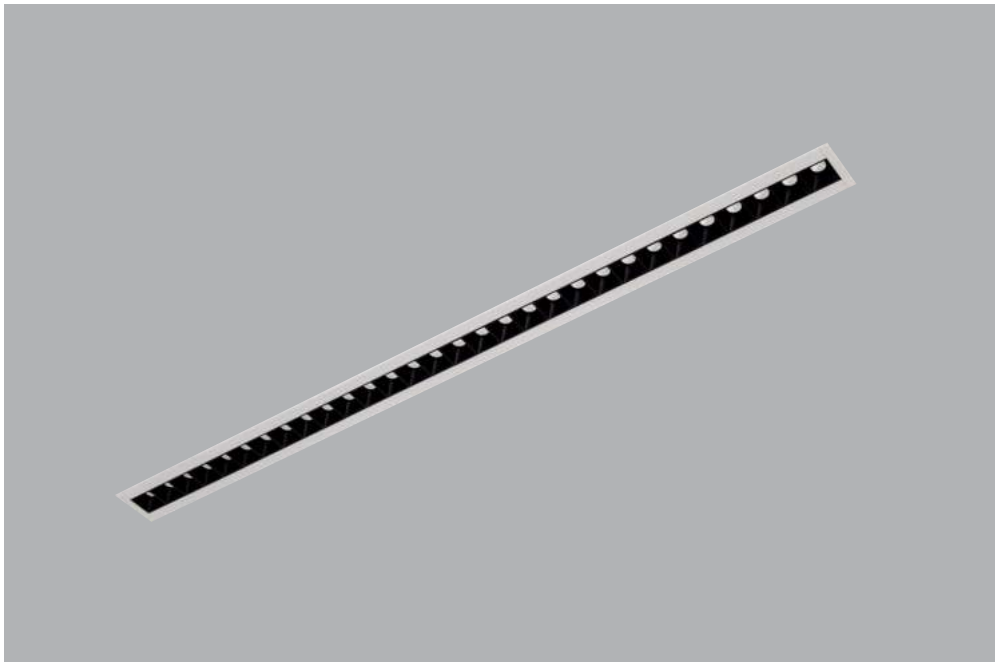


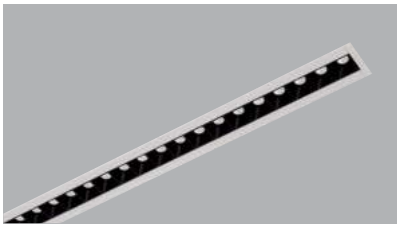
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	17W 250mA lm	23W 350mA lm	32W 500mA lm
626mm	CRI>80	I02.LL.19902 . (...) . (...) . (...)	2700K	1729	2390	3257
			3000K	1784	2466	3362
			3500K	1819	2515	3428
			4000K	1856	2566	3497
			5000K	1912	2644	3603
	CRI>90	I02.LL.19902 . (...) . (...) . (...)	2700K	1607	2222	3029
			3000K	1658	2292	3124
			3500K	1691	2338	3187
			4000K	1726	2387	3253
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**20W 250mA lm**	**28W 350mA lm**	**39.5W 500mA lm**
781mm	CRI>80	I02.LL.19902 . (...) . (...) . (...)	2700K	2161	2988	4072
			3000K	2230	3084	4203
			3500K	2274	3145	4286
			4000K	2320	3208	4372
			5000K	2390	3305	4504
	CRI>90	I02.LL.19902 . (...) . (...) . (...)	2700K	2009	2778	3787
			3000K	2073	2866	3906
			3500K	2114	2923	3984
			4000K	2158	2984	4067
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**33.5W 350mA lm**	**47W 500mA lm**
936mm	CRI>80	I02.LL.19902 . (...) . (...) . (...)	2700K	2593	3585	4887
			3000K	2676	3700	5043
			3500K	2729	3773	5143
			4000K	2784	3849	5246
			5000K	2868	3966	5405
	CRI>90	I02.LL.19902 . (...) . (...) . (...)	2700K	2411	3334	4544
			3000K	2487	3439	4687
			3500K	2537	3507	4781
			4000K	2590	3581	4880
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**28W 250mA lm**	**39W 350mA lm**	**54W 500mA lm**
1091mm	CRI>80	I02.LL.19902 . (...) . (...) . (...)	2700K	3111	4300	5865
			3000K	3211	4440	6050
			3500K	3275	4530	6170
			4000K	3340	4620	6295
			5000K	3440	4760	6485
	CRI>90	I02.LL.19902 . (...) . (...) . (...)	2700K	2895	4000	5450
			3000K	2985	4125	5625
			3500K	3045	4200	5735
			4000K	3108	4300	5855

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
626mm	17W 17W (Direct) - 250mA 23W 23W (Direct) - 350mA 32W 32W (Direct) - 500mA	ME 30° - Medium WF 60° - Wide Flood	827 CRI>80 - 2700K 830 CRI>80 - 3000K 835 CRI>80 - 3500K 840 CRI>80 - 4000K 850 CRI>80 - 5000K	927 CRI>90 - 2700K 930 CRI>90 - 3000K 935 CRI>90 - 3500K 940 CRI>90 - 4000K	01 white 02 ral 9010 03 black 04 gray 05 dark gray 06 special color
781mm	20W 20W (Direct) - 250mA 28W 28W (Direct) - 350mA 39.5W 39.5W (Direct) - 500mA				
936mm	24W 24W (Direct) - 250mA 33.5W 33.5W (Direct) - 350mA 47W 47W (Direct) - 500mA				
1091mm	28W 28W (Direct) - 250mA 39W 39W (Direct) - 350mA 54W 54W (Direct) - 500mA				

Pars Line Recessed





* Code example / Kod örneği:

I02.LL.19905.0626.032.030.830.01

1 2 3 4 5 6

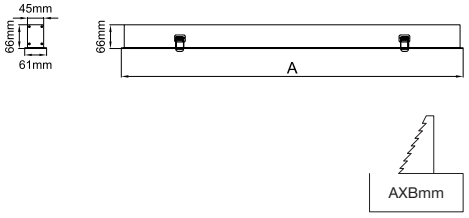
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP44 CRI 80 CRI 90

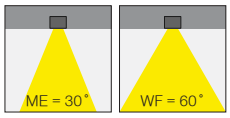
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



4 / Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19905.0626.032.030.830.01
Family Name / Aile Adı	Pars Line Recessed
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	61mm
Profile Height / Profil Yüksekliği	66mm
Installation Type / Kurulum Türü	Recessed / Ankastre
Efficiency / Verimlilik	>109lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium and Wide Flood / Simetrik Orta ve Geniş Açı
Protection Rating / Koruma Sınıfı	44
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Pars Line Recessed

Pars Line Recessed / I02.LL.19905

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	17W 250mA lm	23W 350mA lm	32W 500mA lm
637mm	CRI>80	I02.LL.19905.(...).(...).(...).(...)	2700K	1729	2390	3257
			3000K	1784	2466	3362
			3500K	1819	2515	3428
			4000K	1856	2566	3497
			5000K	1912	2644	3603
	CRI>90	I02.LL.19905.(...).(...).(...).(...)	2700K	1607	2222	3029
			3000K	1658	2292	3124
			3500K	1691	2338	3187
			4000K	1726	2387	3253
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	28W 350mA lm	39.5W 500mA lm
792mm	CRI>80	I02.LL.19905.(...).(...).(...).(...)	2700K	2161	2988	4072
			3000K	2230	3084	4203
			3500K	2274	3145	4286
			4000K	2320	3208	4372
			5000K	2390	3305	4504
	CRI>90	I02.LL.19905.(...).(...).(...).(...)	2700K	2009	2778	3787
			3000K	2073	2866	3906
			3500K	2114	2923	3984
			4000K	2158	2984	4067
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	33.5W 350mA lm	47W 500mA lm
947mm	CRI>80	I02.LL.19905.(...).(...).(...).(...)	2700K	2593	3585	4887
			3000K	2676	3700	5043
			3500K	2729	3773	5143
			4000K	2784	3849	5246
			5000K	2868	3966	5405
	CRI>90	I02.LL.19905.(...).(...).(...).(...)	2700K	2411	3334	4544
			3000K	2487	3439	4687
			3500K	2537	3507	4781
			4000K	2590	3581	4880
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	28W 250mA lm	39W 350mA lm	54W 500mA lm
1102mm	CRI>80	I02.LL.19905.(...).(...).(...).(...)	2700K	3111	4300	5865
			3000K	3211	4440	6050
			3500K	3275	4530	6170
			4000K	3340	4620	6295
			5000K	3440	4760	6485
	CRI>90	I02.LL.19905.(...).(...).(...).(...)	2700K	2895	4000	5450
			3000K	2985	4125	5625
			3500K	3045	4200	5735
			4000K	3108	4300	5855

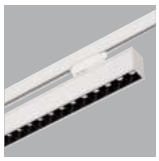
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
637mm	51x627mm	17W 17W (Direct) - 250mA 23W 23W (Direct) - 350mA 32W 32W (Direct) - 500mA	ME 30° - Medium WF 60° - Wide Flood	827 CRI>80 - 2700K 830 CRI>80 - 3000K 835 CRI>80 - 3500K 840 CRI>80 - 4000K 850 CRI>80 - 5000K		927 CRI>90 - 2700K 930 CRI>90 - 3000K 935 CRI>90 - 3500K 940 CRI>90 - 4000K		01 white 02 ral 9010 03 black 04 gray 05 dark gray 06 special color	
792mm	51x782mm	20W 20W (Direct) - 250mA 28W 28W (Direct) - 350mA 39.5W 39.5W (Direct) - 500mA							
947mm	51x937mm	24W 24W (Direct) - 250mA 33.5W 33.5W (Direct) - 350mA 47W 47W (Direct) - 500mA							
1102mm	51x1092mm	28W 28W (Direct) - 250mA 39W 39W (Direct) - 350mA 54W 54W (Direct) - 500mA							

LDT Files / LDT Dataları

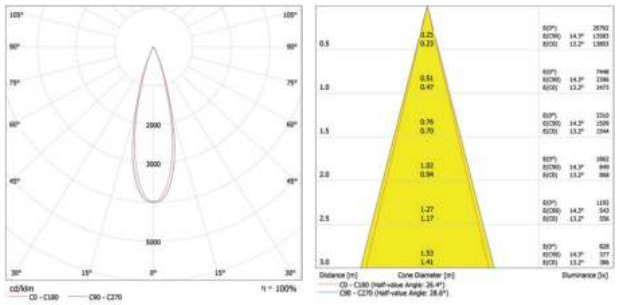

I02.LL.19900


I02.LL.19901

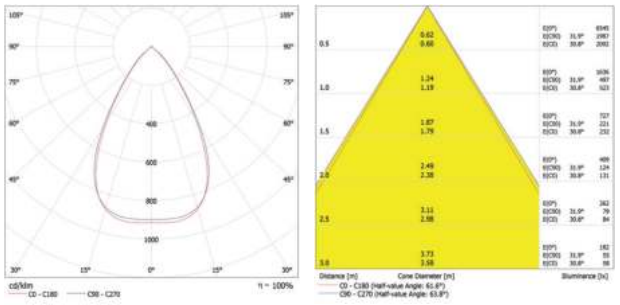

I02.LL.19902


I02.LL.19905

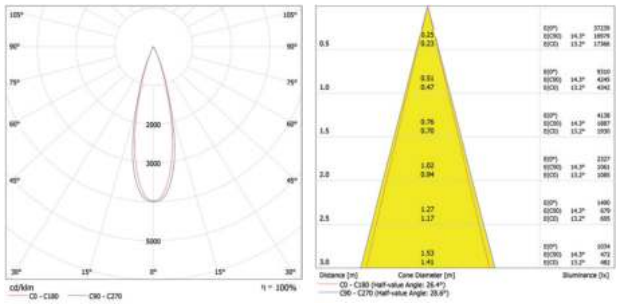
Beam Angle: 30° 17W / 250mA / SMD LED



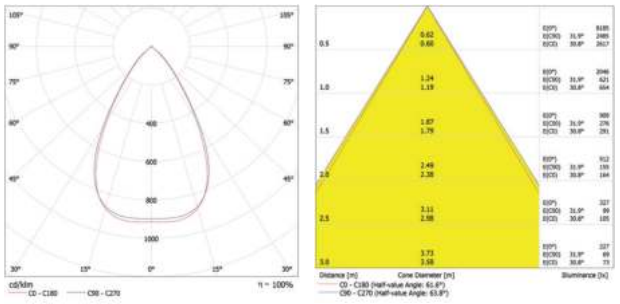
Beam Angle: 60° 17W / 250mA / SMD LED



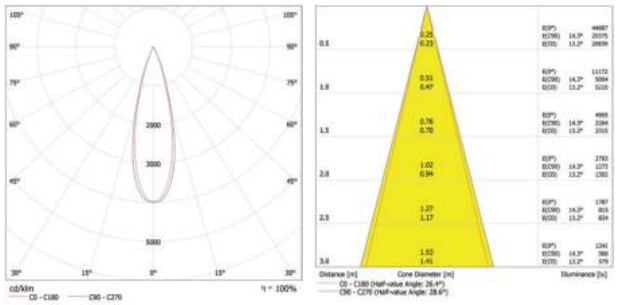
Beam Angle: 30° 20W / 250mA / SMD LED



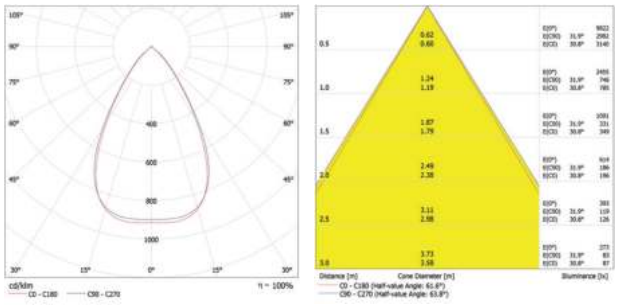
Beam Angle: 60° 20W / 250mA / SMD LED



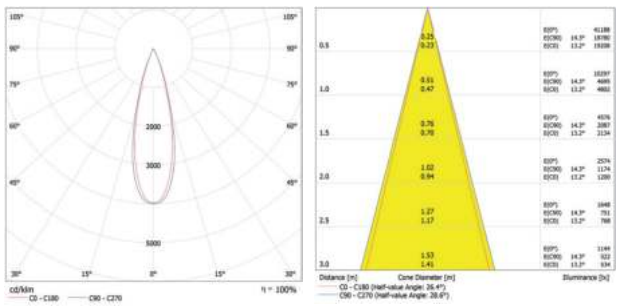
Beam Angle: 30° 24W / 250mA / SMD LED



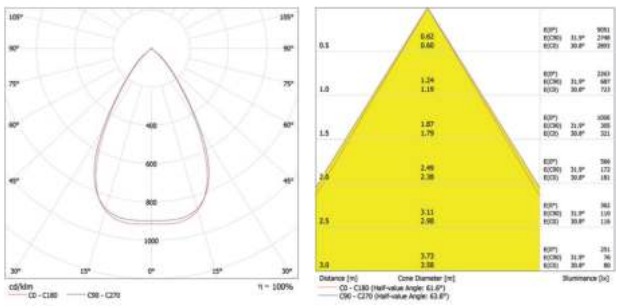
Beam Angle: 60° 24W / 250mA / SMD LED



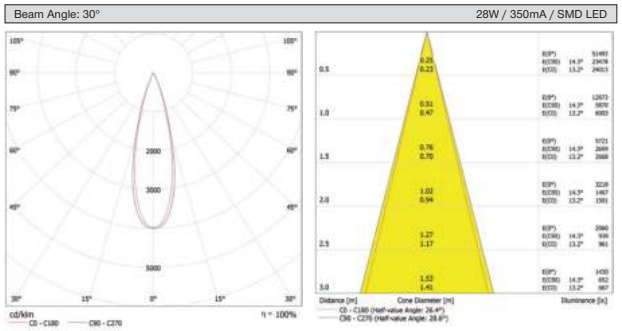
Beam Angle: 30° 23W / 350mA / SMD LED



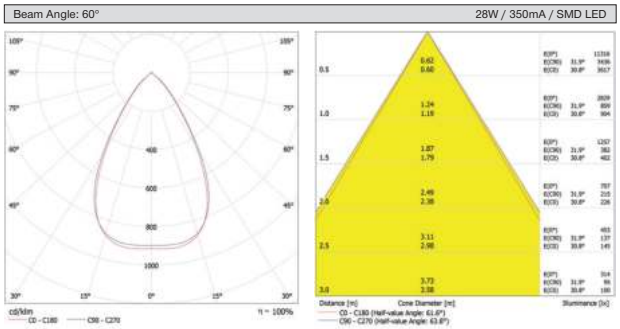
Beam Angle: 60° 23W / 350mA / SMD LED



Beam Angle: 30° 28W / 350mA / SMD LED

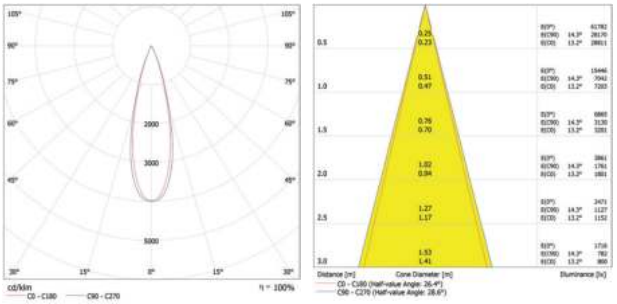


Beam Angle: 60° 28W / 350mA / SMD LED

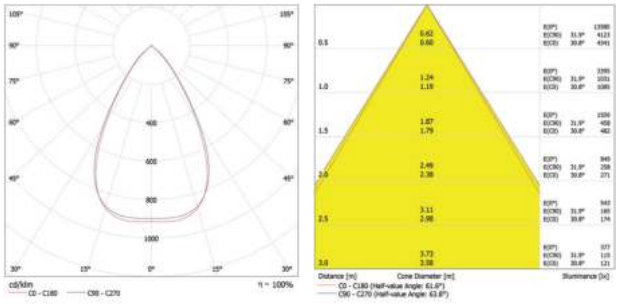


LDT Files / LDT Dataları

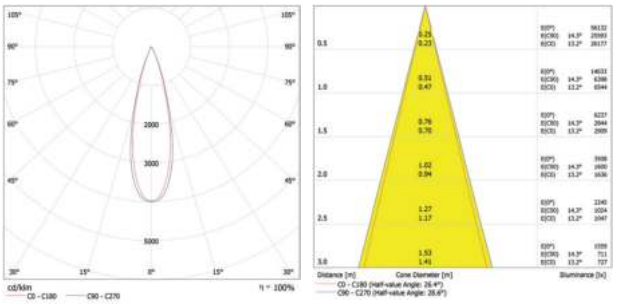
Beam Angle: 30° — 33.5W / 350mA / SMD LED



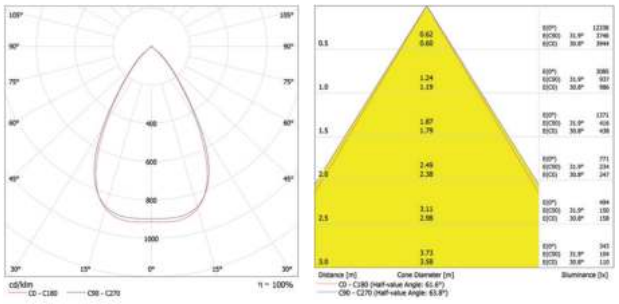
Beam Angle: 60° — 33.5W / 350mA / SMD LED



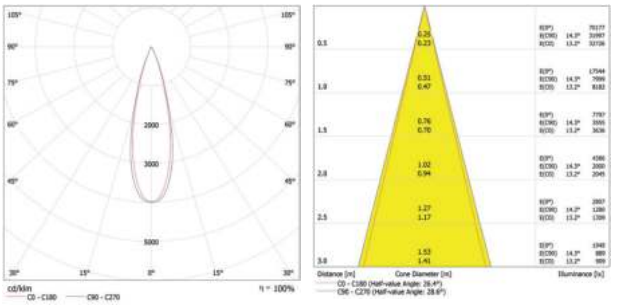
Beam Angle: 30° — 32W / 500mA / SMD LED



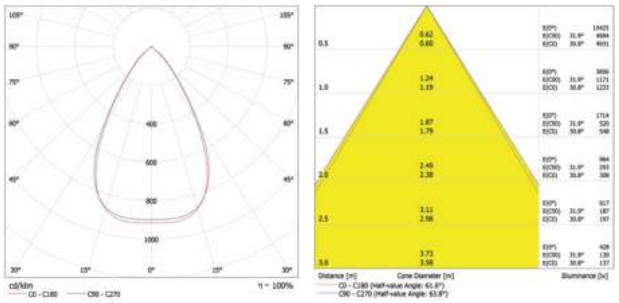
Beam Angle: 60° — 32W / 500mA / SMD LED



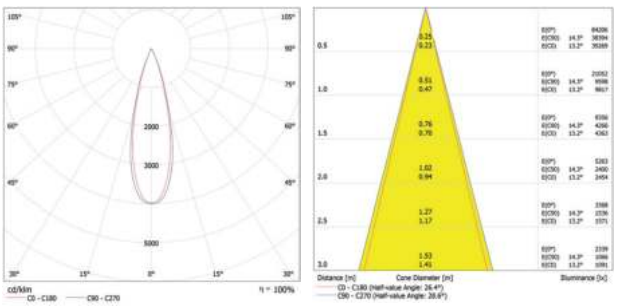
Beam Angle: 30° — 39.5W / 500mA / SMD LED



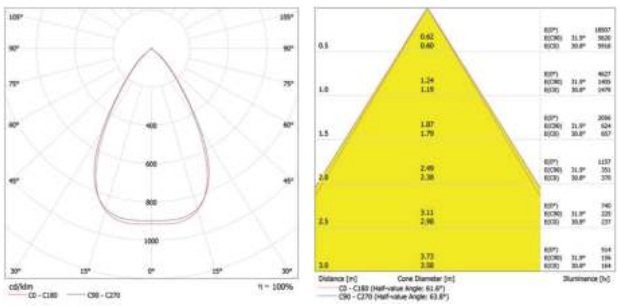
Beam Angle: 60° — 39.5W / 500mA / SMD LED



Beam Angle: 30° — 47W / 500mA / SMD LED



Beam Angle: 60° — 47W / 500mA / SMD LED



Blade Linea Led

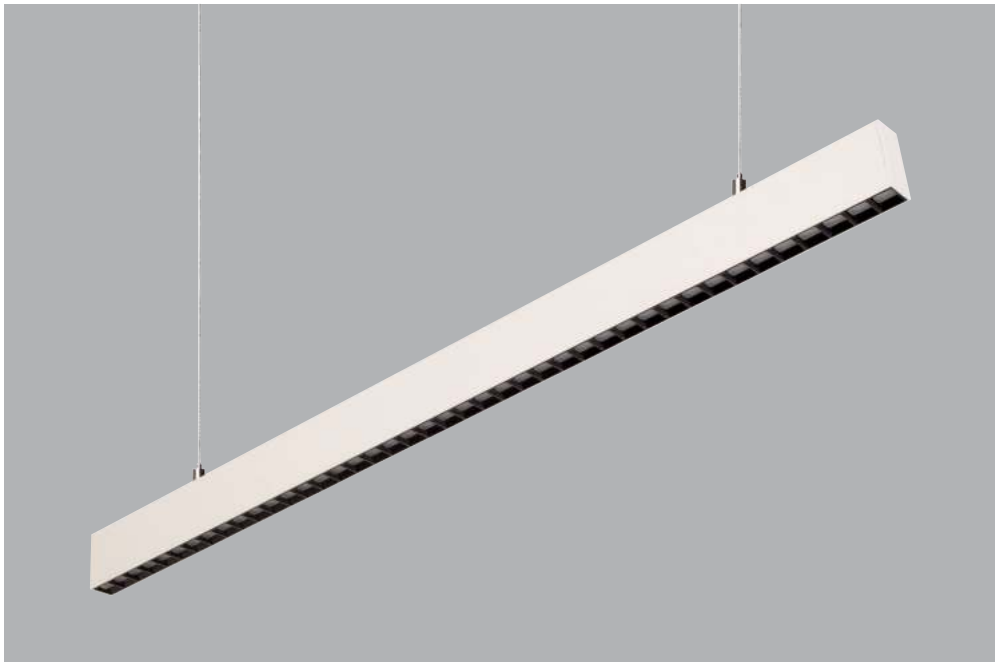




Blade Linea Led optical system designed to create low UGR output. Minimalist profile enables this product widely preferred in various spaces. Medium and wide beam angle options available. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI, wireless DIM and Tunable White selections increases the functionality of the luminaire.

Blade Linea Led optik sistemi düşük kamaşma ışık çıkışı için tasarlanmıştır. Minimal profil yapısı sayesinde ofis ve benzeri alanlarda yaygın olarak tercih edilir. Orta ve geniş açı seçenekleri mevcuttur. 2700K, 3000K, 3500K, 4000K ve 5000K ışık rengi farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI, Kablosuz DIM ve Dinamik Beyaz seçenekleri armatürün fonksyonelliğni artırır.

Blade





* Code example / Kod örneği:

I02.LL.19915 . 1180 . 015 . 830 . 01

1 2 3 4 5

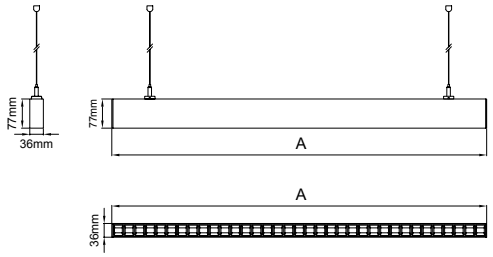
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

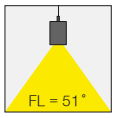
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı

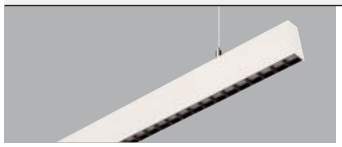


* See page 0 for Idt files. / Işık eğrileri için sayfa 0 bakınız.

Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19915.1180.015.830.01
Family Name / Aile Adı	Blade
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	36mm
Profile Height / Profil Yüksekliği	77mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>102lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Optic / Optik	Lens Optic / Lens Optik
UGR	<14

Blade

Blade Suspendant / I02.LL.19915



* Code example / Kod örneği:

I02.LL.19915 . 1180 . 015 . 830 . 01

1 2 3 4 5

Suspension Wire
Sarkıtma Teli

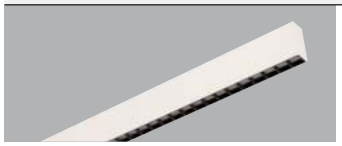


Suspension Profile
Sarkıtma Teli Bağlantı Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	11W 250mA lm	15W 350mA lm
1180mm	CRI>80	I02.LL.19915 . (...) . (...) . (...) . (...)	2700K	1192	1365
			3000K	1230	1408
			3500K	1249	1430
			4000K	1297	1485
			5000K	1316	1506
	CRI>90	I02.LL.19915 . (...) . (...) . (...) . (...)	2700K	1001	1146
			3000K	1030	1179
			3500K	1049	1201
			4000K	1087	1244

Blade Surface Mounted / I02.LL.19916



* Code example / Kod örneği:

I02.LL.19916 . 1180 . 015 . 830 . 01

1 2 3 4 5

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	11W 250mA lm	15W 350mA lm
1180mm	CRI>80	I02.LL.19916 . (...) . (...) . (...) . (...)	2700K	1192	1365
			3000K	1230	1408
			3500K	1249	1430
			4000K	1297	1485
			5000K	1316	1506
	CRI>90	I02.LL.19916 . (...) . (...) . (...) . (...)	2700K	1001	1146
			3000K	1030	1179
			3500K	1049	1201
			4000K	1087	1244

Blade Track Mounted / I02.LL.19917



* Code example / Kod örneği:

I02.LL.19917 . 1180 . 015 . 830 . 01

1 2 3 4 5

Track Adaptor
Ray Soketi

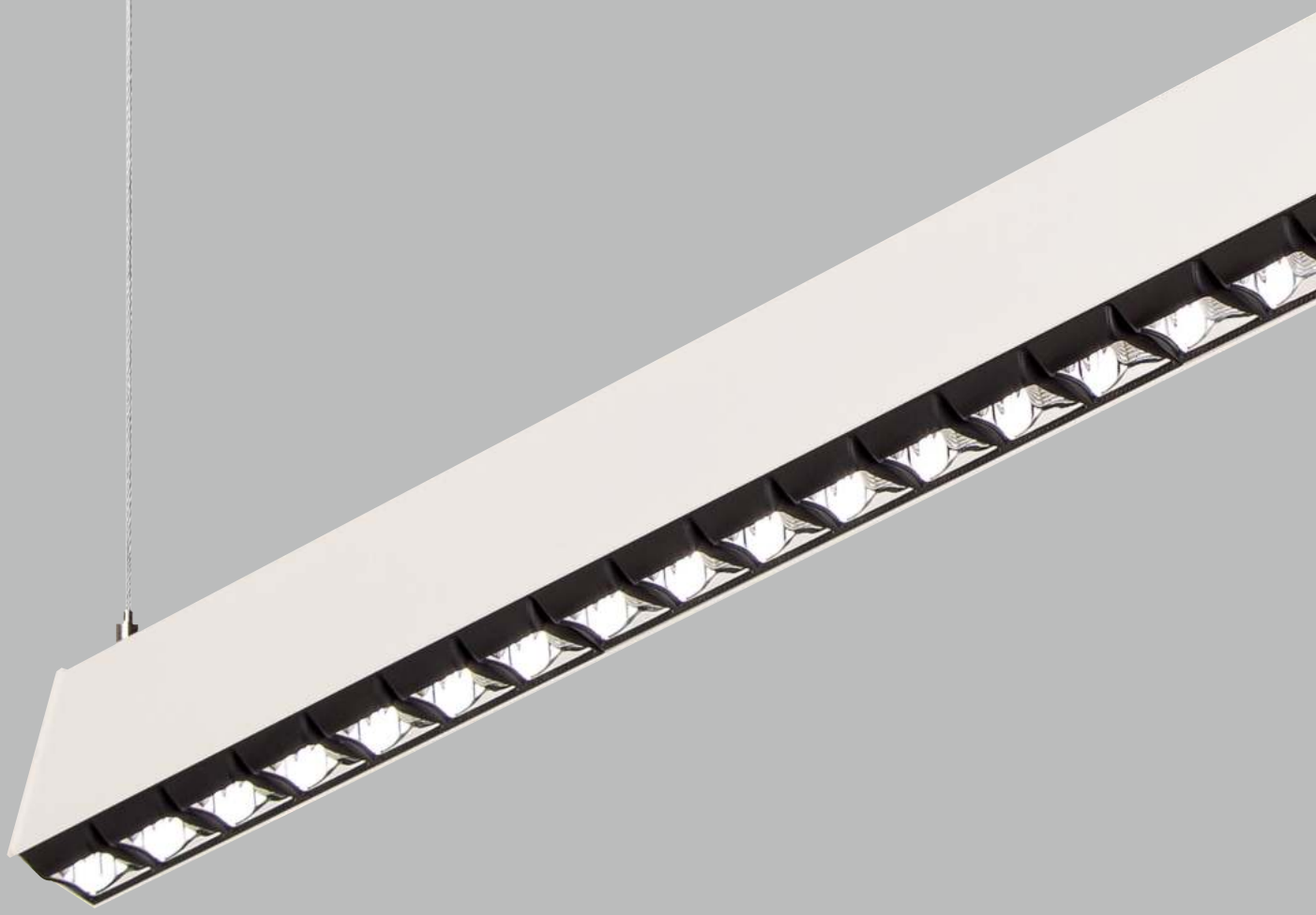


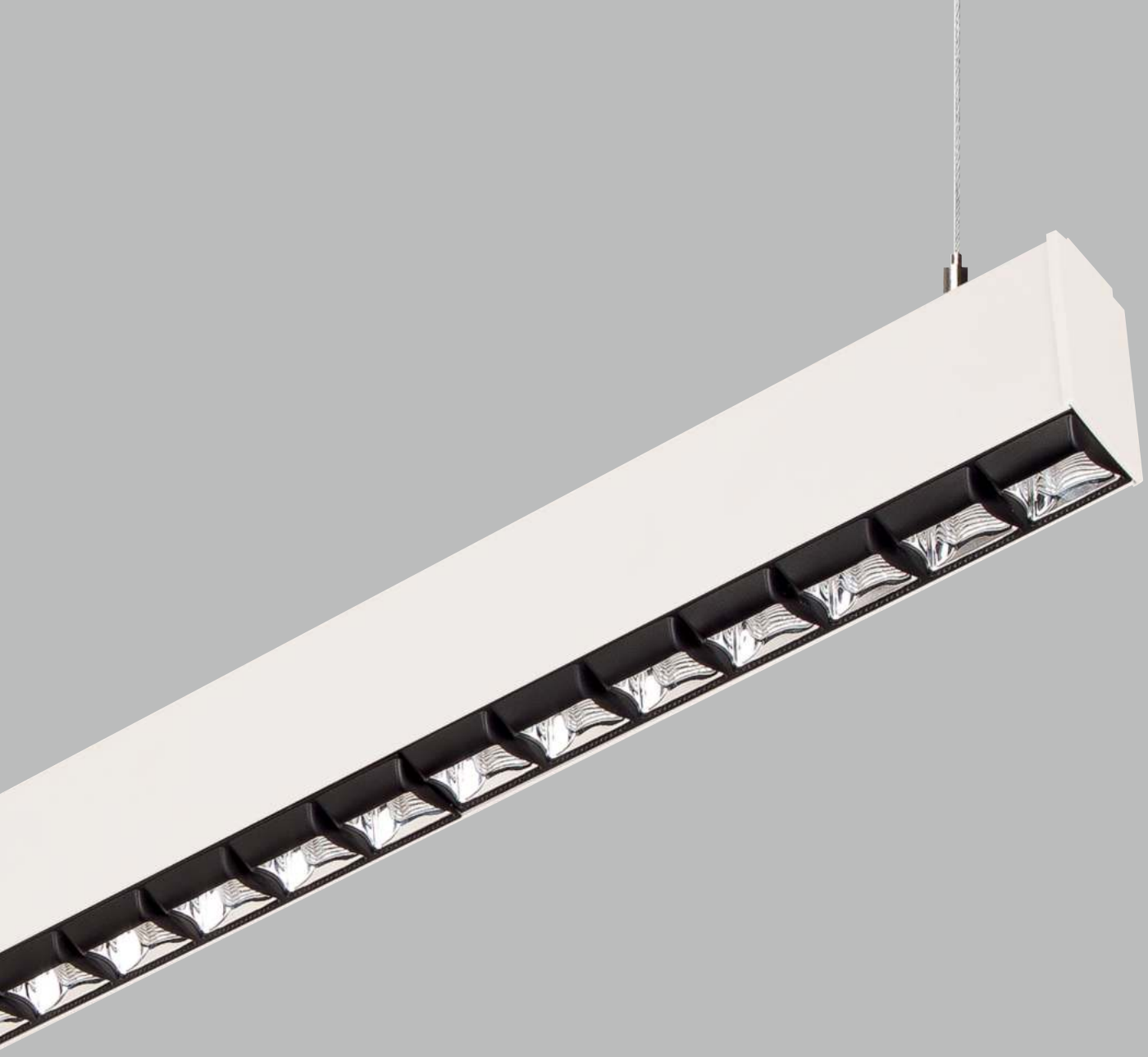
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	11W 250mA lm	15W 350mA lm
1180mm	CRI>80	I02.LL.19917 . (...) . (...) . (...) . (...)	2700K	1192	1365
			3000K	1230	1408
			3500K	1249	1430
			4000K	1297	1485
			5000K	1316	1506
	CRI>90	I02.LL.19917 . (...) . (...) . (...) . (...)	2700K	1001	1146
			3000K	1030	1179
			3500K	1049	1201
			4000K	1087	1244

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1180mm	11W 11W (Direct) - 250mA 15W 15W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
		830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
		835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
		840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
		850	CRI>80 - 5000K			05	dark gray
						06	special color

CRAFT Linea Led





Craft is an exclusive linear pendant with direct-indirect light distribution. Direct side can be with different light distribution options that are symmetric medium, wide, wide flood and asymmetric wallwasher with reflector lens optic. Indirect side with symmetric wide flood light distribution. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size and DIM options including DALI, Tunable White, Wireless DIM etc.

Craft özel bir lineer armatür olup direkt endirekt ışık dağılımı sağlamaktadır. Direkt tarafı orta, geniş, çok geniş ve asimetirk ışık dağılımı seçenekleri olan reflektör lens optik yapılıdır. Endirekt tarafı ise simetirk çok geniş açılıdır. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç, boy ve DIM tercihleri ile uygulanabilir. DIM seçenekleri arasında DALI, Dinamik Beyaz, Kablosuz DIM gibi seçeneklerde mevcuttur.

Craft





* Code example / Kod örneği:

I02.LL.19330 . 1125 . 044 . 100 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord	Suspension Profile
Ray Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





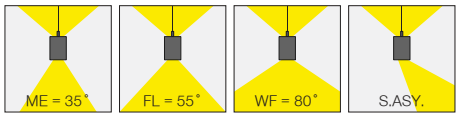
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

6 / Product Color / Ürün Renk

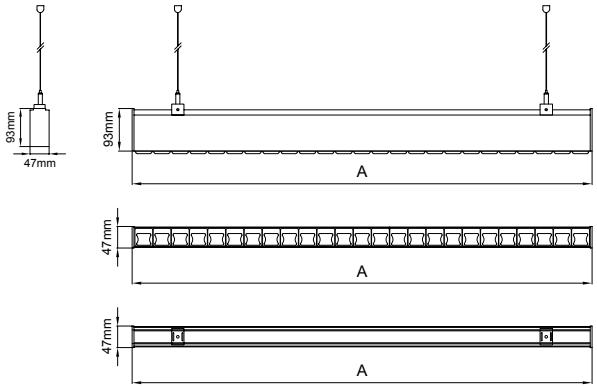


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19330.1125.044.830.01
Family Name / Aile Adı	Craft
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	47mm
Profile Height / Profil Yüksekliği	93mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>103lm/W
CRI	80
Light Distribution Direct / Işık Dağılımı Direkt	Symmetric Medium, Flood, Wide Flood and Single Asymmetric / Simetrik Orta, Geniş, Çok Geniş ve Tek Asimetrik
Light Distribution Indirect / Işık Dağılımı Endirekt	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic Direct Side / Optik Direkt Taraf	Lens Optic / Lens Optik

Craft

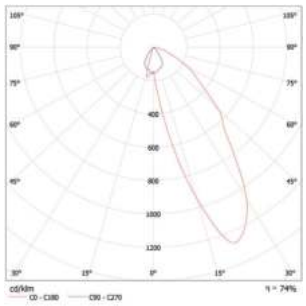
Craft / I02.LL.19330

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	31.5W 350mA lm ↓	12W 250mA lm ↑
1125mm	CRI>80	I02.LL.19330.(...).(...).(...).(...)	2700K	2708	1454
			3000K	2794	1500
			3500K	2837	1523
			4000K	2947	1582
			5000K	2989	1605
	CRI>90	I02.LL.19330.(...).(...).(...).(...)	2700K	2275	1221
			3000K	2339	1256
			3500K	2383	1279
			4000K	2469	1326

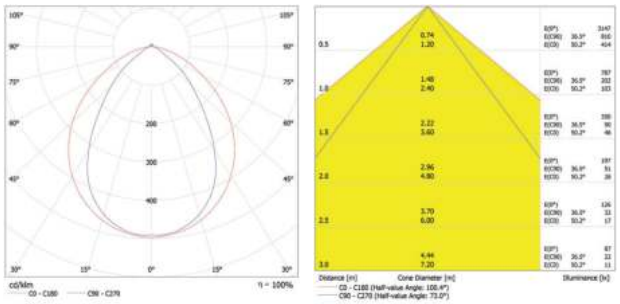
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı		5 CRI / Kelvin				6 Product Color / Ürün Renk		
1125mm	43.5W	31.5W (Direct) - 350mA / 12W (Indirect) - 250mA	ME 35° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
			FL 55° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
			WF 80° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			S.ASY. Single Asymmetric	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
				850	CRI>80 - 5000K				05	dark gray
									06	special color

Beam Angle: Sinngle Asymmetric — 31.5W / 350mA / Direct / SMD LED



Beam Angle: 100° — 12W / 250mA / Indirect / SMD LED



MINILINE Linea Led



Optical system of MINILINE designed to create low UGR output. Minimalist ultra thin profile enables this product widely preferred in various spaces. Medium, flood and wide flood beam angle options available. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI, wireless DIM and Tunable White selections increases the functionality of the luminaire.

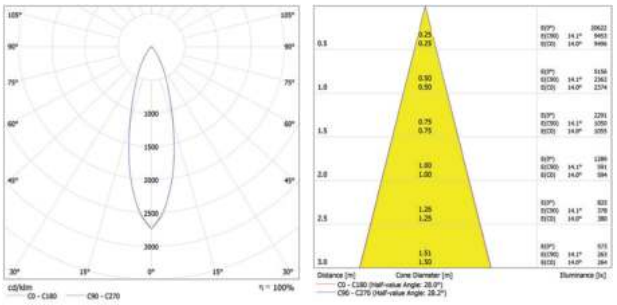
MINILINE'ın optik sistemi düşük kamaşma ışık çıkışı için tasarlanmıştır. Minimal ve çok ince profil yapısı sayesinde ofis ve benzeri alanlarda yaygın olarak tercih edilir. Orta, geniş ve çok geniş açı seçenekleri mevcuttur. 2700K, 3000K, 3500K, 4000K ve 5000K ışık rengi farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI, Kablosuz DIM ve Dinamik Beyaz seçenekleri armatürün fonksyonelliğni artırır.

LDT Files / LDT Dataları

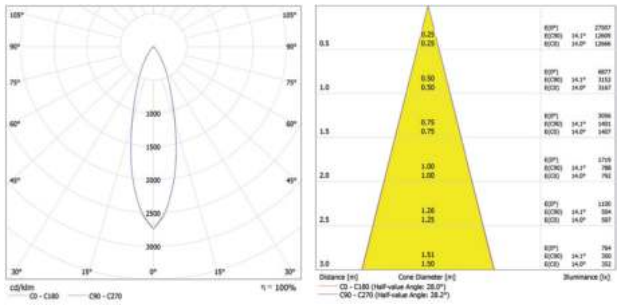


I02.LL.19805

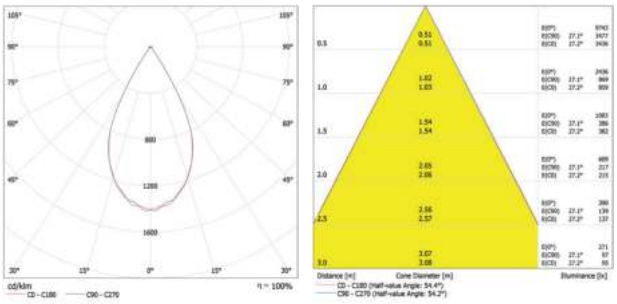
Beam Angle: 30°	16W / 400mA / SMD LED



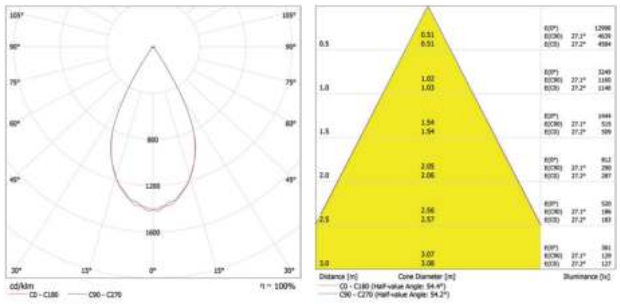
Beam Angle: 30°	22W / 400mA / SMD LED



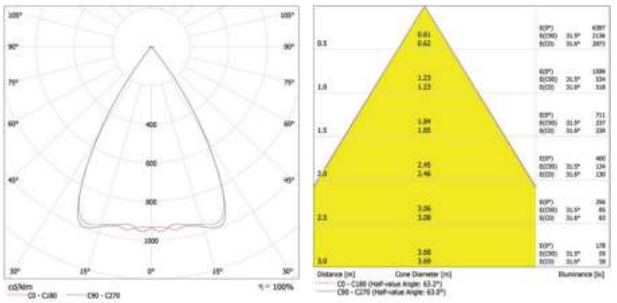
Beam Angle: 55°	16W / 400mA / SMD LED



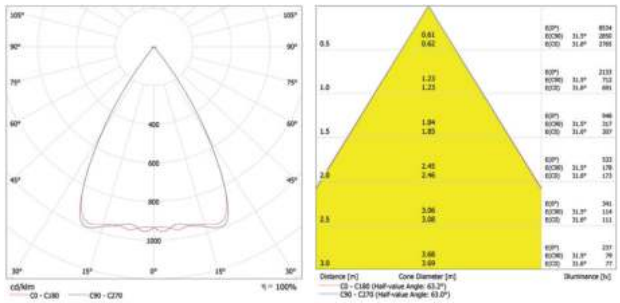
Beam Angle: 55°	22W / 400mA / SMD LED



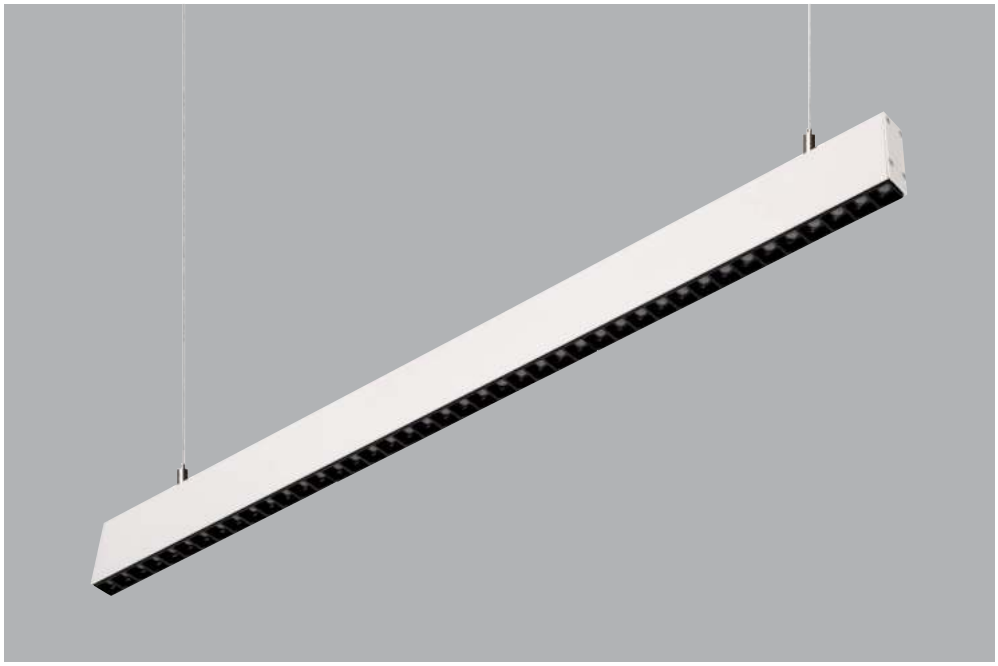
Beam Angle: 65°	16W / 400mA / SMD LED



Beam Angle: 65°	22W / 400mA / SMD LED



Miniline





* Code example / Kod örneği:

I02.LL.19805 . 1124 . 022 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord
Ray Sarkıtma Teli

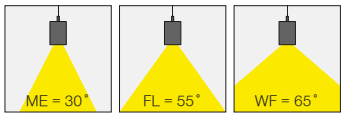


LED A A+ A++ SASO CB LVD CE EAC F IP20

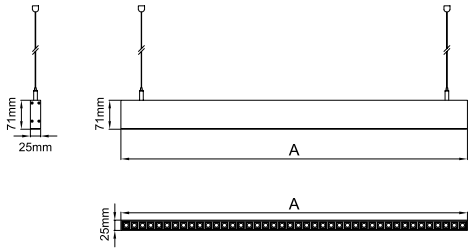
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19805.1124.022.030.830.01
Family Name / Aile Adı	Miniline
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	25mm
Profile Height / Profil Yüksekliği	71mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>114lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Medium, Flood and Wide Flood / Simetrik Orta, Geniş ve Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Miniline

Miniline / I02.LL.19805

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	16W 400mA lm
844mm	CRI>80	I02.LL.19805.(...).(...).(...).(...)	2700K	1731
			3000K	1787
			3500K	1814
			4000K	1884
			5000K	1911
	CRI>90	I02.LL.19805.(...).(...).(...).(...)	2700K	1454
			3000K	1496
			3500K	1523
			4000K	1579
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**22W 400mA lm**
1124mm	CRI>80	I02.LL.19805.(...).(...).(...).(...)	2700K	2309
			3000K	2383
			3500K	2420
			4000K	2513
			5000K	2550
	CRI>90	I02.LL.19805.(...).(...).(...).(...)	2700K	1940
			3000K	1995
			3500K	2032
			4000K	2106

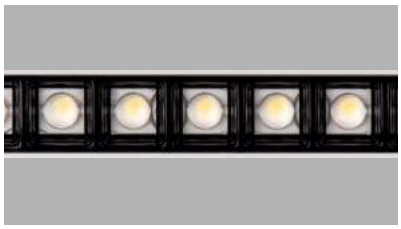
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı		4 Beam Angle / Işık Açısı		5 CRI / Kelvin				6 Product Color / Ürün Renk	
844mm	16W	16W (Direct) - 400mA	ME	30° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1124mm	22W	21.5W (Direct) - 400mA	FL	55° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			WF	65° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
					840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
					850	CRI>80 - 5000K			05	dark gray
									06	special color



Ultra slim profile 25mm.

25mm genişliğinde ultra ince profil.

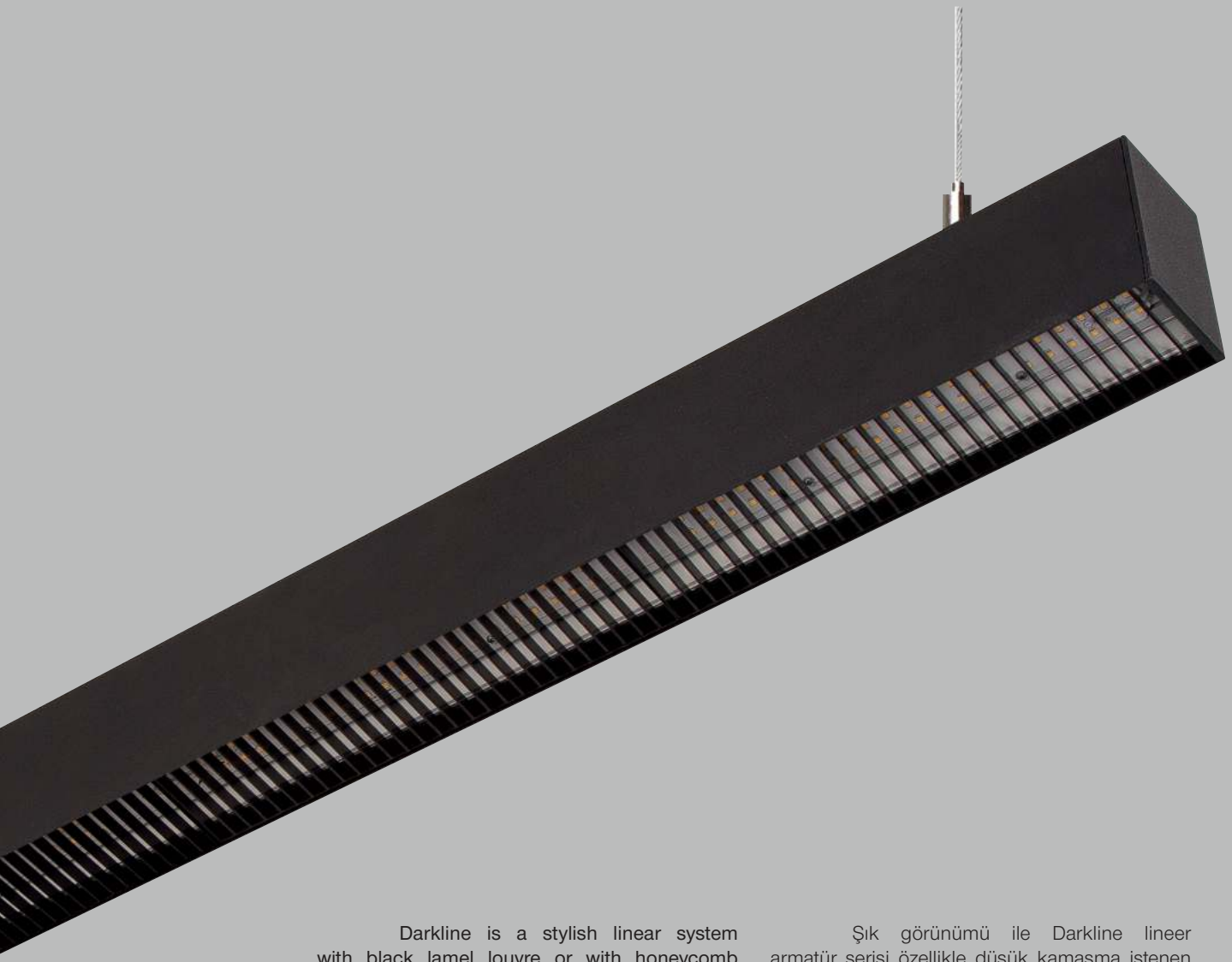


High efficient modular lens optic with low UGR index.

Yüksek verimli modüler lens optik, düşük kamaşma.

DARKLINE Linea Led



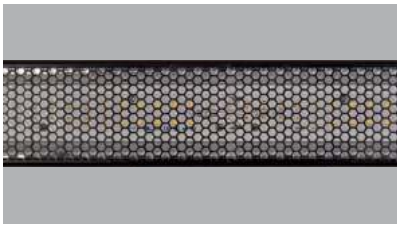


Darkline is a stylish linear system with black lamel louvre or with honeycomb louver options. It provides perfect glare control convenient for offices or workspaces in which very low UGR required. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size and DIM options including DALI, Tunable White, Wireless DIM etc.

Şık görünümü ile Darkline lineer armatür serisi özellikle düşük kamaşma istenen projeler için benzersiz çözüm sağlar. Siyah lamelli ve balpetekli versiyonları ile UGR seviyesi çok düşüktür. Ofis vb çalışma alanlarında kullanımı için uygundur. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç, boy ve DIM tercihleri ile uygulanabilir. DIM seçenekleri arasında DALI, Dinamik Beyaz, Kablosuz DIM gibi seçeneklerde mevcuttur.

Darkline Suspendant





* Code example / Kod örneği:

I02.LL.19290 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





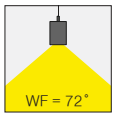
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

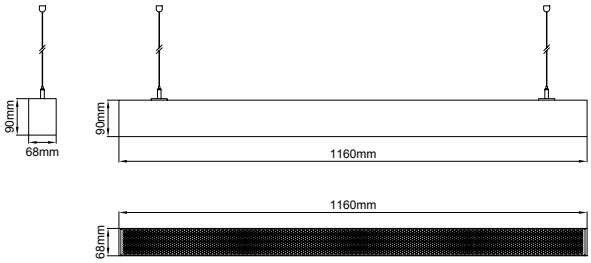


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19290.1144.034.830.01
Family Name / Aile Adı	Darkline
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	68mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>46lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Honeycomb Louver / Balpeteği Filtre
UGR	<16

Darkline Suspendant

Darkline Suspendant / I02.LL.19290

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19290.(...).(...).(...).(...)	2700K	553	694
			3000K	571	717
			3500K	579	728
			4000K	602	756
			5000K	610	767
	CRI>90	I02.LL.19290.(...).(...).(...).(...)	2700K	464	583
			3000K	478	600
			3500K	486	611
			4000K	504	633
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19W 250mA lm	26W 350mA lm
864mm	CRI>80	I02.LL.19290.(...).(...).(...).(...)	2700K	785	1051
			3000K	811	1085
			3500K	823	1102
			4000K	855	1144
			5000K	867	1160
	CRI>90	I02.LL.19290.(...).(...).(...).(...)	2700K	660	883
			3000K	679	908
			3500K	691	925
			4000K	716	959
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1144mm	CRI>80	I02.LL.19290.(...).(...).(...).(...)	2700K	1036	1437
			3000K	1070	1483
			3500K	1086	1506
			4000K	1128	1564
			5000K	1144	1587
	CRI>90	I02.LL.19290.(...).(...).(...).(...)	2700K	870	1207
			3000K	895	1242
			3500K	912	1265
			4000K	945	1311
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1424mm	CRI>80	I02.LL.19290.(...).(...).(...).(...)	2700K	1351	1853
			3000K	1394	1912
			3500K	1416	1942
			4000K	1470	2016
			5000K	1491	2045
	CRI>90	I02.LL.19290.(...).(...).(...).(...)	2700K	1134	1556
			3000K	1167	1601
			3500K	1189	1630
			4000K	1232	1690
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	49W 350mA lm
1704mm	CRI>80	I02.LL.19290.(...).(...).(...).(...)	2700K	1687	2252
			3000K	1741	2324
			3500K	1768	2360
			4000K	1836	2450
			5000K	1863	2486
	CRI>90	I02.LL.19290.(...).(...).(...).(...)	2700K	1417	1891
			3000K	1458	1945
			3500K	1485	1981
			4000K	1539	2053

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
584mm	14W 14W (Direct) - 250mA 18W 18W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
864mm	19W 19W (Direct) - 250mA 26W 26W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1144mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1424mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1704mm	36W 36W (Direct) - 250mA 49W 49W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Darkline Surface Mounted

Darkline Surface Mounted / I02.LL.19291



* Code example / Kod örneği:

I02.LL.19291 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	553	694
			3000K	571	717
			3500K	579	728
			4000K	602	756
			5000K	610	767
	CRI>90	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	464	583
			3000K	478	600
			3500K	486	611
			4000K	504	633
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**19W 250mA lm**	**26W 350mA lm**
864mm	CRI>80	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	785	1051
			3000K	811	1085
			3500K	823	1102
			4000K	855	1144
			5000K	867	1160
	CRI>90	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	660	883
			3000K	679	908
			3500K	691	925
			4000K	716	959
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1144mm	CRI>80	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	1036	1437
			3000K	1070	1483
			3500K	1086	1506
			4000K	1128	1564
			5000K	1144	1587
	CRI>90	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	870	1207
			3000K	895	1242
			3500K	912	1265
			4000K	945	1311
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1424mm	CRI>80	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	1351	1853
			3000K	1394	1912
			3500K	1416	1942
			4000K	1470	2016
			5000K	1491	2045
	CRI>90	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	1134	1556
			3000K	1167	1601
			3500K	1189	1630
			4000K	1232	1690
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**49W 350mA lm**
1704mm	CRI>80	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	1687	2252
			3000K	1741	2324
			3500K	1768	2360
			4000K	1836	2450
			5000K	1863	2486
	CRI>90	I02.LL.19291 . (...) . (...) . (...) . (...)	2700K	1417	1891
			3000K	1458	1945
			3500K	1485	1981
			4000K	1539	2053

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
584mm	14W 14W (Direct) - 250mA 18W 18W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
864mm	19W 19W (Direct) - 250mA 26W 26W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1144mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1424mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1704mm	36W 36W (Direct) - 250mA 49W 49W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Darkline Track Mounted

Darkline Track Mounted / I02.LL.19292



* Code example / Kod örneği:

I02.LL.19292 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi

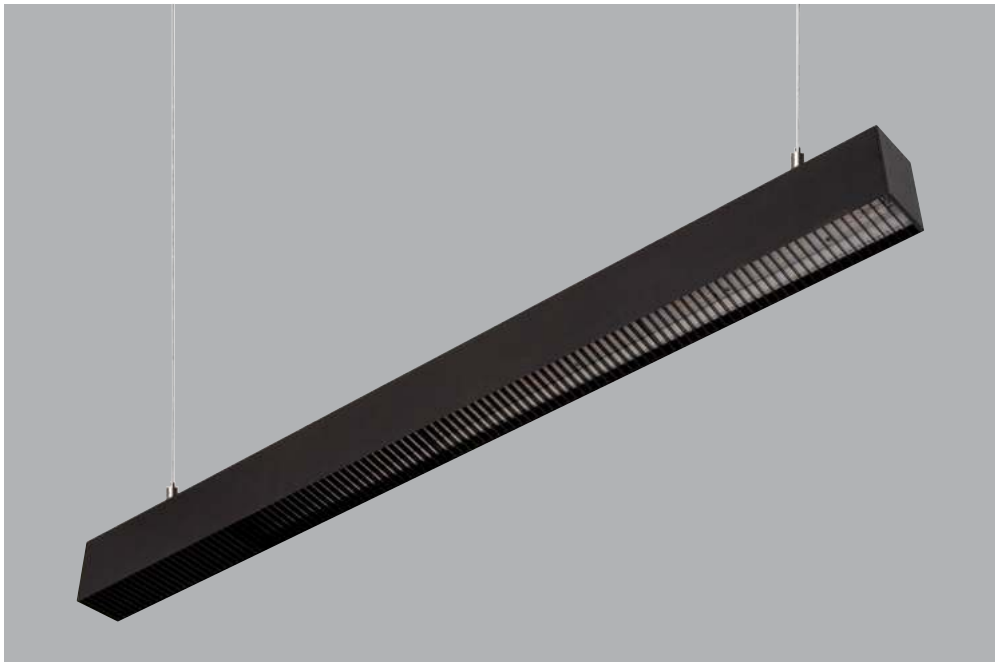


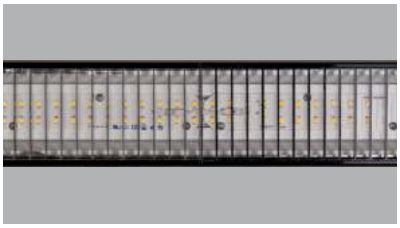
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	553	694
			3000K	571	717
			3500K	579	728
			4000K	602	756
			5000K	610	767
	CRI>90	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	464	583
			3000K	478	600
			3500K	486	611
			4000K	504	633
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19W 250mA lm	26W 350mA lm
864mm	CRI>80	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	785	1051
			3000K	811	1085
			3500K	823	1102
			4000K	855	1144
			5000K	867	1160
	CRI>90	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	660	883
			3000K	679	908
			3500K	691	925
			4000K	716	959
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1144mm	CRI>80	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	1036	1437
			3000K	1070	1483
			3500K	1086	1506
			4000K	1128	1564
			5000K	1144	1587
	CRI>90	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	870	1207
			3000K	895	1242
			3500K	912	1265
			4000K	945	1311
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1424mm	CRI>80	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	1351	1853
			3000K	1394	1912
			3500K	1416	1942
			4000K	1470	2016
			5000K	1491	2045
	CRI>90	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	1134	1556
			3000K	1167	1601
			3500K	1189	1630
			4000K	1232	1690
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	49W 350mA lm
1704mm	CRI>80	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	1687	2252
			3000K	1741	2324
			3500K	1768	2360
			4000K	1836	2450
			5000K	1863	2486
	CRI>90	I02.LL.19292 . (...) . (...) . (...) . (...)	2700K	1417	1891
			3000K	1458	1945
			3500K	1485	1981
			4000K	1539	2053

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
584mm	14W 14W (Direct) - 250mA 18W 18W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
864mm	19W 19W (Direct) - 250mA 26W 26W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1144mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1424mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1704mm	36W 36W (Direct) - 250mA 49W 49W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Darkline Suspendant





* Code example / Kod örneği:

I02.LL.19295 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





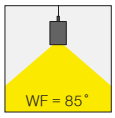
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

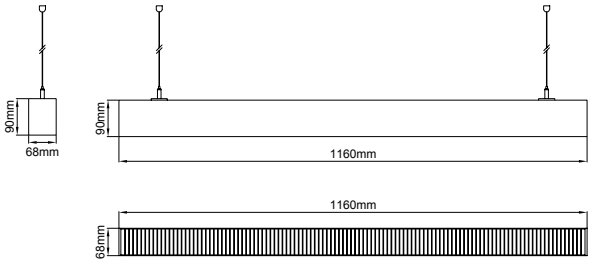


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19295.1144.034.830.01
Family Name / Aile Adı	Darkline
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	68mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>59lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Black Lamel Louvre / Siyah Lamelli
UGR	<19

Darkline Suspendant

Darkline Suspendant / I02.LL.19295

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19295.(...).(...).(...).(...)	2700K	720	920
			3000K	743	949
			3500K	755	964
			4000K	784	1001
			5000K	795	1015
	CRI>90	I02.LL.19295.(...).(...).(...).(...)	2700K	605	772
			3000K	622	794
			3500K	634	809
			4000K	657	839
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19W 250mA lm	26W 350mA lm
864mm	CRI>80	I02.LL.19295.(...).(...).(...).(...)	2700K	1012	1378
			3000K	1045	1422
			3500K	1061	1444
			4000K	1102	1500
			5000K	1118	1522
	CRI>90	I02.LL.19295.(...).(...).(...).(...)	2700K	850	1158
			3000K	875	1191
			3500K	891	1213
			4000K	923	1257
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1144mm	CRI>80	I02.LL.19295.(...).(...).(...).(...)	2700K	1333	1842
			3000K	1376	1900
			3500K	1397	1930
			4000K	1451	2004
			5000K	1472	2033
	CRI>90	I02.LL.19295.(...).(...).(...).(...)	2700K	1120	1547
			3000K	1152	1591
			3500K	1173	1621
			4000K	1216	1679
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1424mm	CRI>80	I02.LL.19295.(...).(...).(...).(...)	2700K	1682	2298
			3000K	1735	2372
			3500K	1762	2409
			4000K	1830	2501
			5000K	1857	2538
	CRI>90	I02.LL.19295.(...).(...).(...).(...)	2700K	1412	1931
			3000K	1453	1986
			3500K	1480	2023
			4000K	1534	2096
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	49W 350mA lm
1704mm	CRI>80	I02.LL.19295.(...).(...).(...).(...)	2700K	2051	2763
			3000K	2117	2851
			3500K	2150	2895
			4000K	2232	3006
			5000K	2265	3050
	CRI>90	I02.LL.19295.(...).(...).(...).(...)	2700K	1723	2320
			3000K	1772	2387
			3500K	1805	2431
			4000K	1871	2519

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	
584mm	14W 18W	14W (Direct) - 250mA 18W (Direct) - 350mA
864mm	19W 26W	19W (Direct) - 250mA 26W (Direct) - 350mA
1144mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA
1424mm	30W 42W	30W (Direct) - 250mA 30W (Direct) - 350mA
1704mm	36W 49W	36W (Direct) - 250mA 49W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Darkline Surface Mounted

Darkline Surface Mounted / I02.LL.19296



* Code example / Kod örneği:

I02.LL.19296 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	720	920
			3000K	743	949
			3500K	755	964
			4000K	784	1001
			5000K	795	1015
	CRI>90	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	605	772
			3000K	622	794
			3500K	634	809
			4000K	657	839
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**19W 250mA lm**	**26W 350mA lm**
864mm	CRI>80	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1012	1378
			3000K	1045	1422
			3500K	1061	1444
			4000K	1102	1500
			5000K	1118	1522
	CRI>90	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	850	1158
			3000K	875	1191
			3500K	891	1213
			4000K	923	1257
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1144mm	CRI>80	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1333	1842
			3000K	1376	1900
			3500K	1397	1930
			4000K	1451	2004
			5000K	1472	2033
	CRI>90	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1120	1547
			3000K	1152	1591
			3500K	1173	1621
			4000K	1216	1679
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1424mm	CRI>80	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1682	2298
			3000K	1735	2372
			3500K	1762	2409
			4000K	1830	2501
			5000K	1857	2538
	CRI>90	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1412	1931
			3000K	1453	1986
			3500K	1480	2023
			4000K	1534	2096
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**49W 350mA lm**
1704mm	CRI>80	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	2051	2763
			3000K	2117	2851
			3500K	2150	2895
			4000K	2232	3006
			5000K	2265	3050
	CRI>90	I02.LL.19296 . (...) . (...) . (...) . (...)	2700K	1723	2320
			3000K	1772	2387
			3500K	1805	2431
			4000K	1871	2519

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
584mm	14W 14W (Direct) - 250mA 18W 18W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
864mm	19W 19W (Direct) - 250mA 26W 26W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1144mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1424mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
1704mm	36W 36W (Direct) - 250mA 49W 49W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

Darkline Track Mounted

Darkline Track Mounted / I02.LL.19297



* Code example / Kod örneği:

I02.LL.19297 . 1144 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
584mm	CRI>80	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	720	920
			3000K	743	949
			3500K	755	964
			4000K	784	1001
			5000K	795	1015
	CRI>90	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	605	772
			3000K	622	794
			3500K	634	809
			4000K	657	839
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**19W 250mA lm**	**26W 350mA lm**
864mm	CRI>80	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1012	1378
			3000K	1045	1422
			3500K	1061	1444
			4000K	1102	1500
			5000K	1118	1522
	CRI>90	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	850	1158
			3000K	875	1191
			3500K	891	1213
			4000K	923	1257
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1144mm	CRI>80	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1333	1842
			3000K	1376	1900
			3500K	1397	1930
			4000K	1451	2004
			5000K	1472	2033
	CRI>90	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1120	1547
			3000K	1152	1591
			3500K	1173	1621
			4000K	1216	1679
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1424mm	CRI>80	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1682	2298
			3000K	1735	2372
			3500K	1762	2409
			4000K	1830	2501
			5000K	1857	2538
	CRI>90	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1412	1931
			3000K	1453	1986
			3500K	1480	2023
			4000K	1534	2096
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**49W 350mA lm**
1704mm	CRI>80	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	2051	2763
			3000K	2117	2851
			3500K	2150	2895
			4000K	2232	3006
			5000K	2265	3050
	CRI>90	I02.LL.19297 . (...) . (...) . (...) . (...)	2700K	1723	2320
			3000K	1772	2387
			3500K	1805	2431
			4000K	1871	2519

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	
584mm	14W 18W	14W (Direct) - 250mA 18W (Direct) - 350mA
864mm	19W 26W	19W (Direct) - 250mA 26W (Direct) - 350mA
1144mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA
1424mm	30W 42W	30W (Direct) - 250mA 30W (Direct) - 350mA
1704mm	36W 49W	36W (Direct) - 250mA 49W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

LDT Files / LDT Dataları



I02.LL.19290

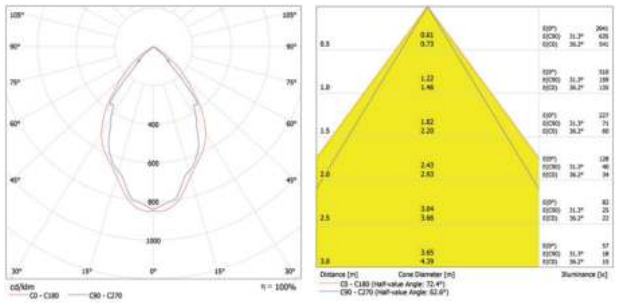


I02.LL.19291

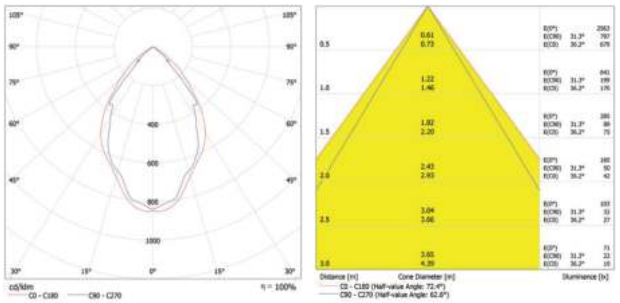


I02.LL.19292

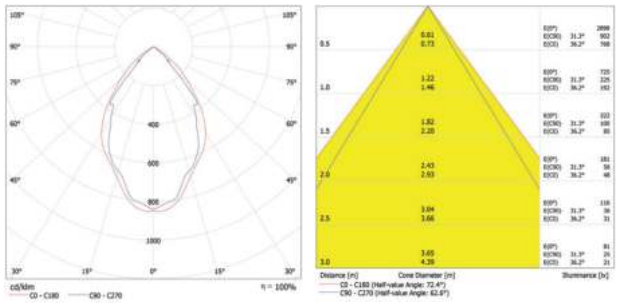
Beam Angle: 72° / 584mm — 14W / 250mA / SMD LED



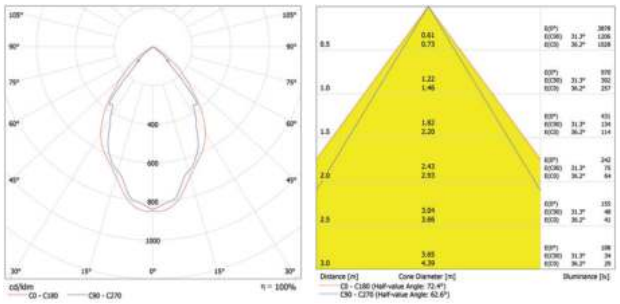
Beam Angle: 72° / 584mm — 18W / 350mA / SMD LED



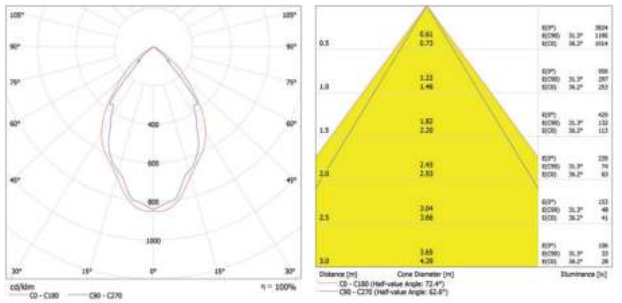
Beam Angle: 72° / 864mm — 19W / 250mA / SMD LED



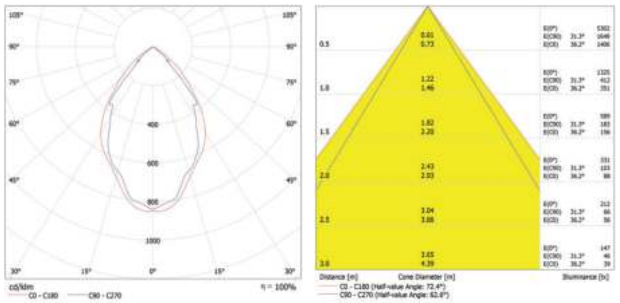
Beam Angle: 72° / 864mm — 26W / 350mA / SMD LED



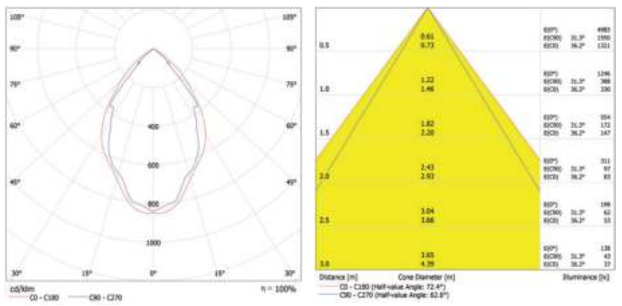
Beam Angle: 72° / 1144mm — 24W / 250mA / SMD LED



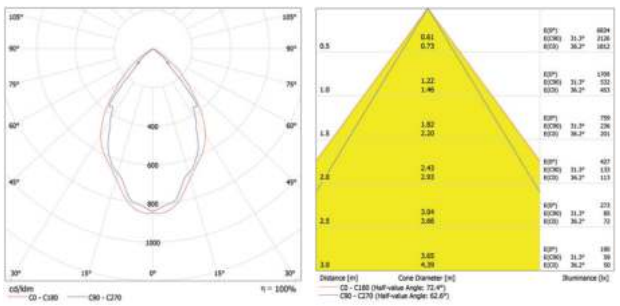
Beam Angle: 72° / 1144mm — 34W / 350mA / SMD LED



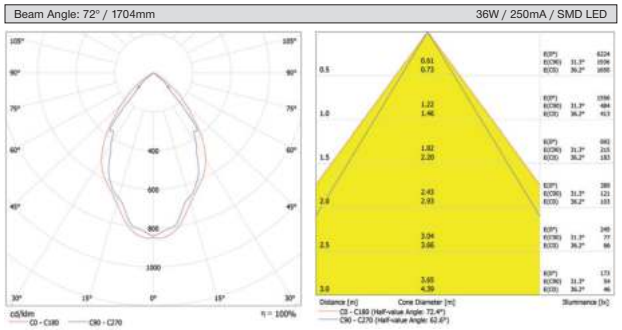
Beam Angle: 72° / 1424mm — 30W / 250mA / SMD LED



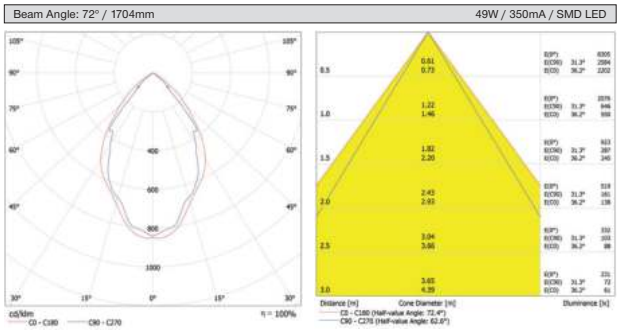
Beam Angle: 72° / 1424mm — 42W / 350mA / SMD LED



Beam Angle: 72° / 1704mm — 36W / 250mA / SMD LED



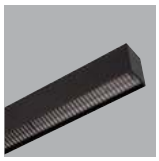
Beam Angle: 72° / 1704mm — 49W / 350mA / SMD LED



LDT Files / LDT Dataları



I02.LL.19295

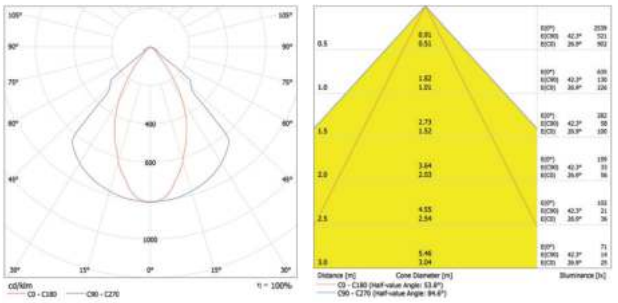


I02.LL.19296

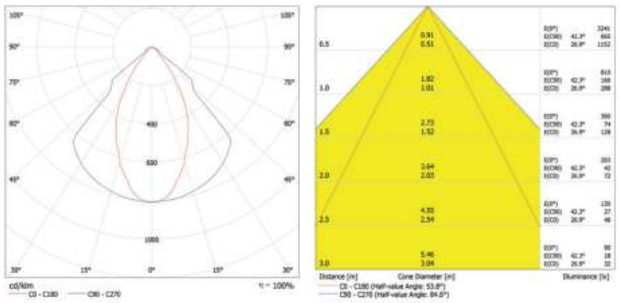


I02.LL.19297

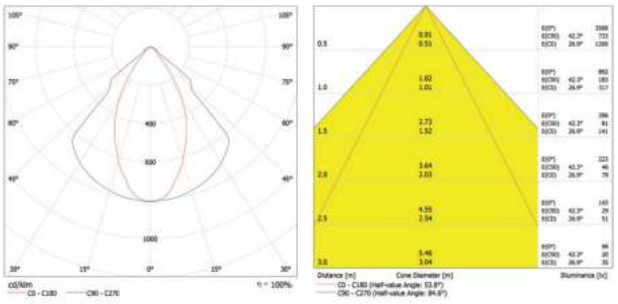
Beam Angle: 85° / 584mm — 14W / 250mA / SMD LED



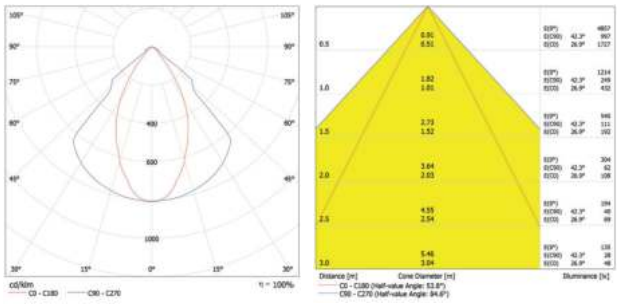
Beam Angle: 85° / 584mm — 18W / 350mA / SMD LED



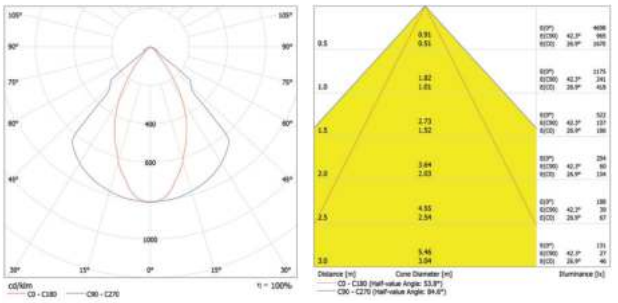
Beam Angle: 85° / 864mm — 19W / 250mA / SMD LED



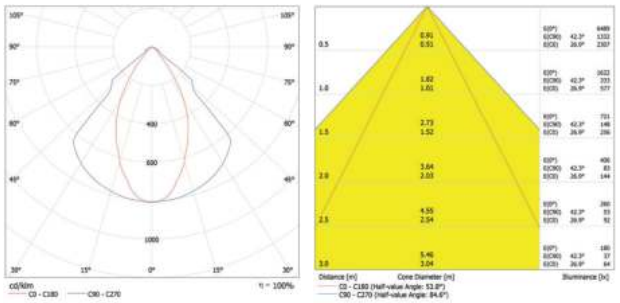
Beam Angle: 85° / 864mm — 26W / 350mA / SMD LED



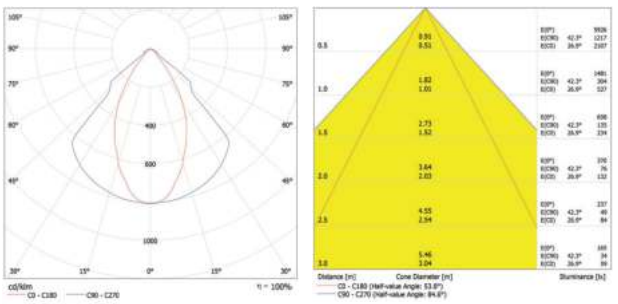
Beam Angle: 85° / 1144mm — 24W / 250mA / SMD LED



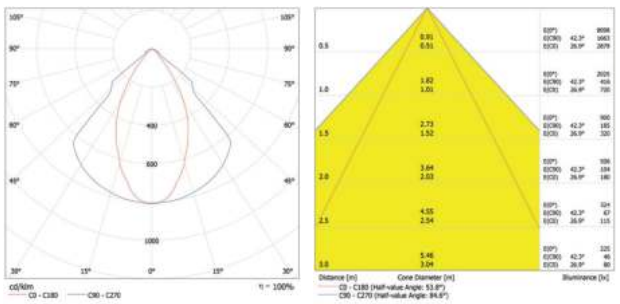
Beam Angle: 85° / 1144mm — 34W / 350mA / SMD LED



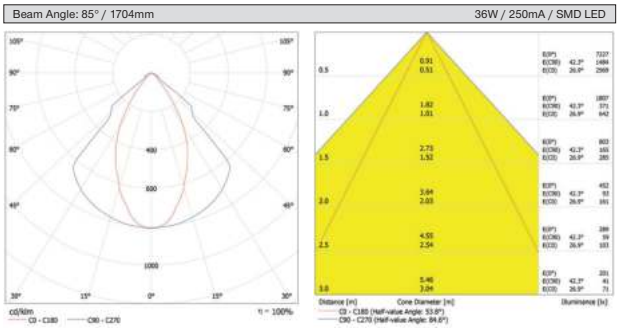
Beam Angle: 85° / 1424mm — 30W / 250mA / SMD LED



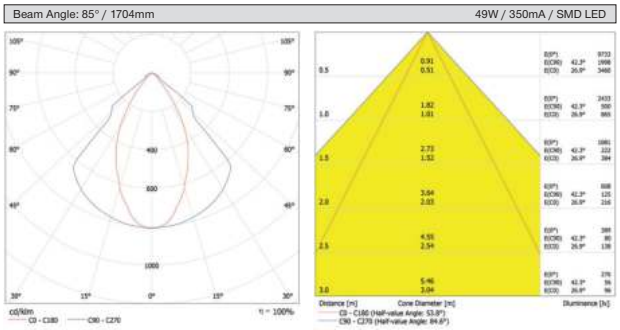
Beam Angle: 85° / 1424mm — 42W / 350mA / SMD LED



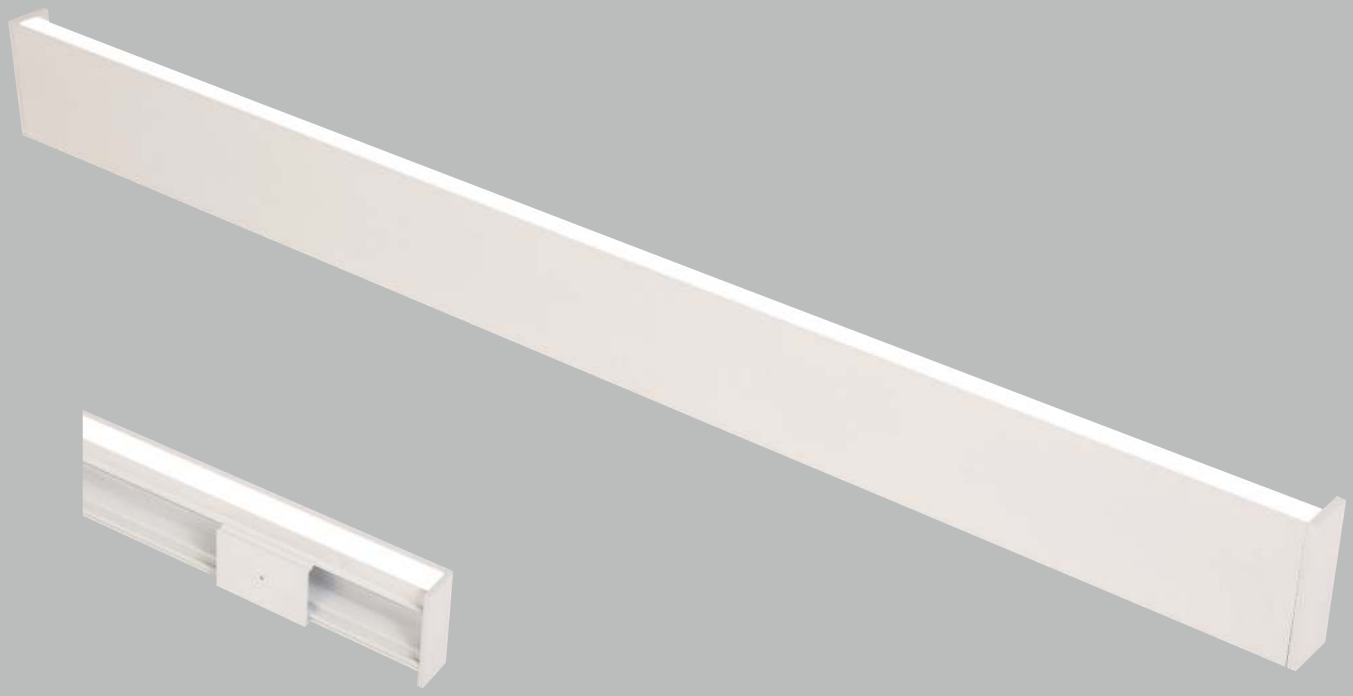
Beam Angle: 85° / 1704mm — 36W / 250mA / SMD LED



Beam Angle: 85° / 1704mm — 49W / 350mA / SMD LED



SPARK Linea Led



SPARK is an ideal solution for wall mounted applications. Minimalist profile enables this product widely preferred in various spaces. Light output is direct/indirect and profile structure hides the lightsource that decreases the glare. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V, DALI, Wireless DIM and Tunable White selections increases the functionality of the luminaire.

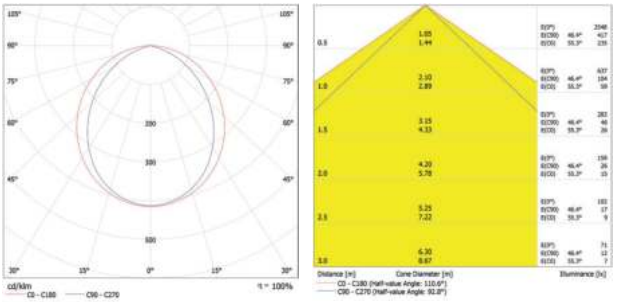
SPARK duvar aydınlatma çözümleri için ideal çözümler sunar. Minimalist gövde kesit yapısı sayesinde mimarlar tarafından sıkça tercih edilmektedir. Direkt/Endirekt ışık çıkışı sağlayan profil yapısı, ışık kaynağını gizleyen etek yapısı sayesinde düşük kamaşmaya sahiptir. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir. 1-10V, DALI, Kablosuz DIM ve Dinamik Beyaz renk değiştirme seçenekleri armatürün fonksyonelliğni artırır.

LDT Files / LDT Dataları

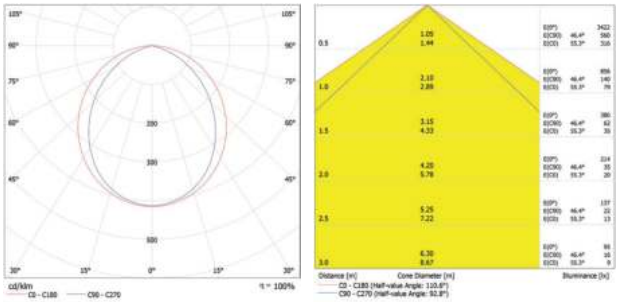


I02.LL.06090

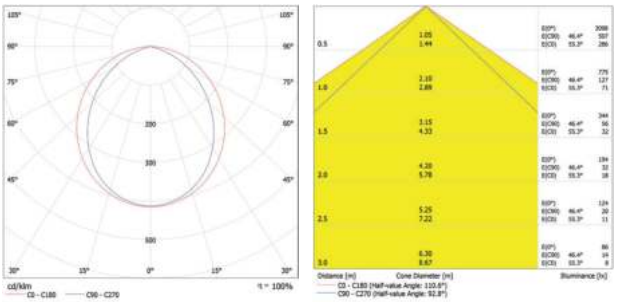
Beam Angle: 111° / 874mm — 20W / 250mA / SMD LED



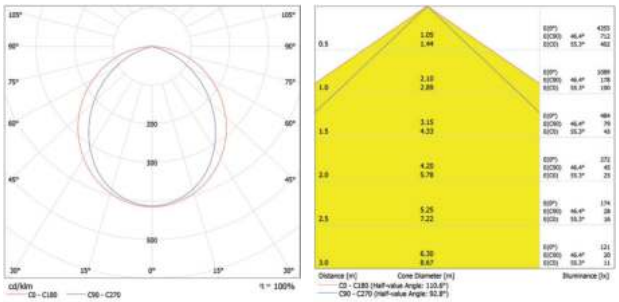
Beam Angle: 111° / 874mm — 27W / 350mA / SMD LED



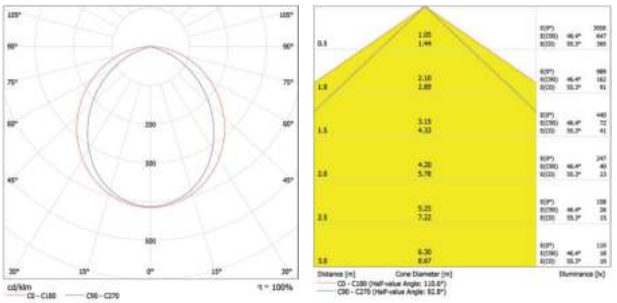
Beam Angle: 111° / 1154mm — 24W / 250mA / SMD LED



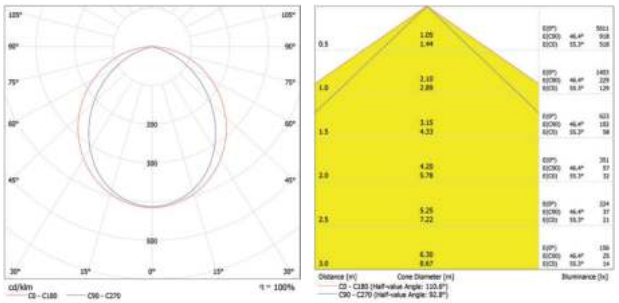
Beam Angle: 111° / 1154mm — 34W / 350mA / SMD LED



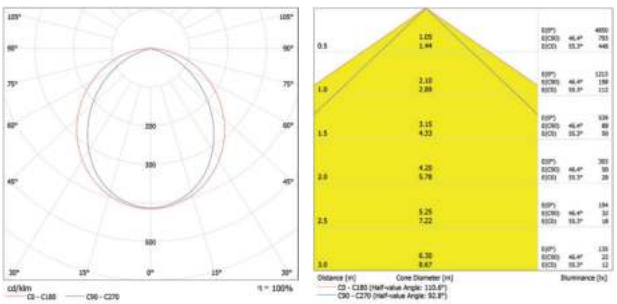
Beam Angle: 111° / 1434mm — 30W / 250mA / SMD LED



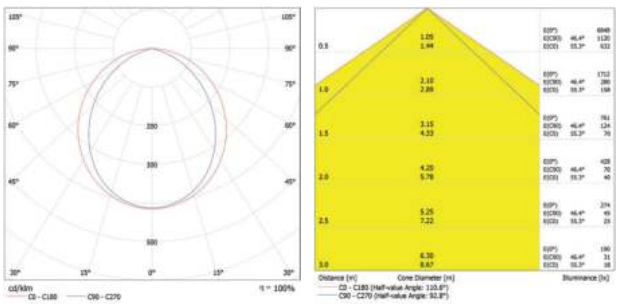
Beam Angle: 111° / 1434mm — 43W / 350mA / SMD LED



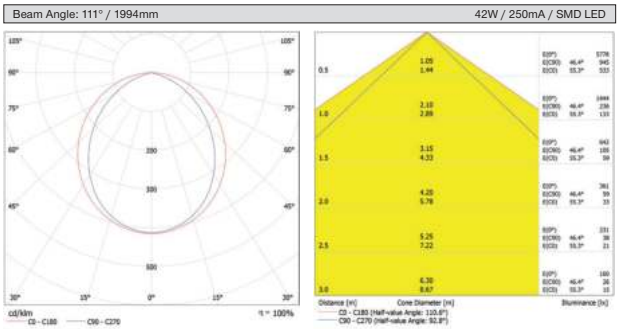
Beam Angle: 111° / 1714mm — 36W / 250mA / SMD LED



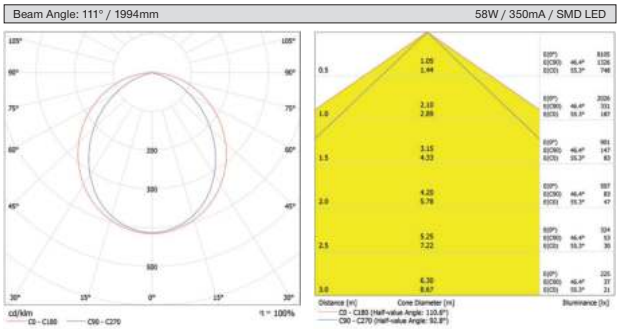
Beam Angle: 111° / 1714mm — 51W / 350mA / SMD LED



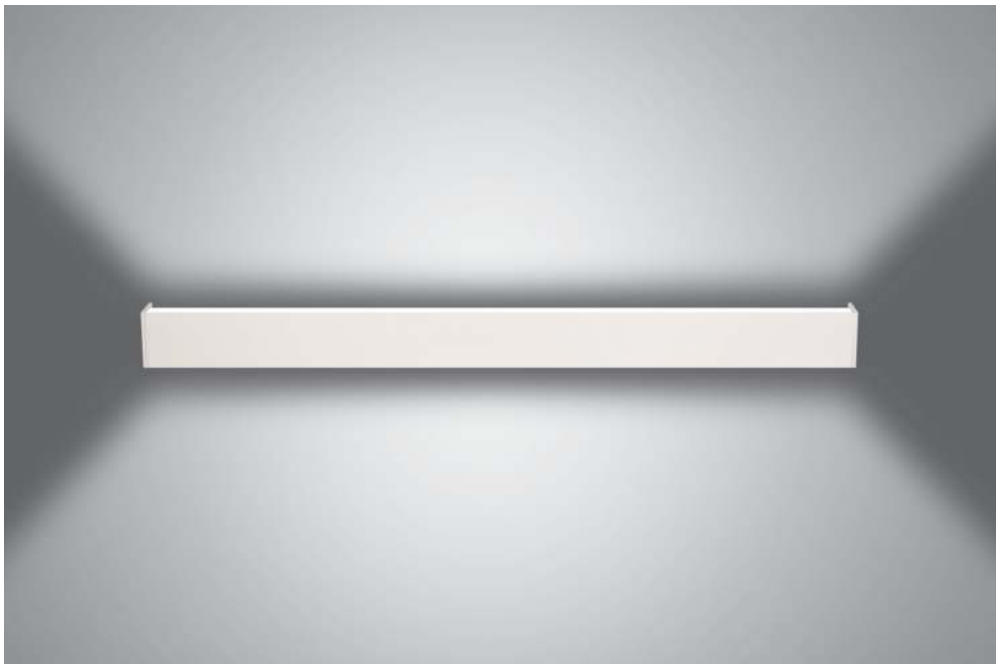
Beam Angle: 111° / 1994mm — 42W / 250mA / SMD LED



Beam Angle: 111° / 1994mm — 58W / 350mA / SMD LED



Spark





* Code example / Kod örneği:

I02.LL.06090 . 1154 . 068 . 830 . 01

1 2 3 4 5

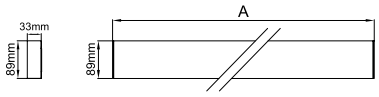
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.06090.1154.068.830.01
Family Name / Aile Adı	Spark
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	33mm
Profile Height / Profil Yüksekliği	89mm
Installation Type / Kurulum Türü	Wall Mounted / Duvara Monteli
Efficiency / Verimlilik	>77lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Spark

Spark / I02.LL.06090

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm ↓	20W 250mA lm ↑	27W 350mA lm ↓	27W 350mA lm ↑
874mm	CRI>80	I02.LL.06090.(...).(...).(...).(...)	2700K	1409	1409	1892	1892
			3000K	1454	1454	1953	1953
			3500K	1476	1476	1983	1983
			4000K	1533	1533	2059	2059
			5000K	1555	1555	2089	2089
	CRI>90	I02.LL.06090.(...).(...).(...).(...)	2700K	1183	1183	1589	1589
			3000K	1217	1217	1635	1635
			3500K	1240	1240	1665	1665
			4000K	1285	1285	1726	1726
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm ↓	24W 250mA lm ↑	34W 350mA lm ↓	34W 350mA lm ↑
1154mm	CRI>80	I02.LL.06090.(...).(...).(...).(...)	2700K	1713	1713	2408	2408
			3000K	1768	1768	2485	2485
			3500K	1795	1795	2523	2523
			4000K	1864	1864	2620	2620
			5000K	1891	1891	2658	2658
	CRI>90	I02.LL.06090.(...).(...).(...).(...)	2700K	1439	1439	2022	2022
			3000K	1480	1480	2080	2080
			3500K	1507	1507	2119	2119
			4000K	1562	1562	2196	2196
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm ↓	30W 250mA lm ↑	43W 350mA lm ↓	43W 350mA lm ↑
1434mm	CRI>80	I02.LL.06090.(...).(...).(...).(...)	2700K	2188	2188	3103	3103
			3000K	2258	2258	3202	3202
			3500K	2293	2293	3252	3252
			4000K	2381	2381	3376	3376
			5000K	2416	2416	3425	3425
	CRI>90	I02.LL.06090.(...).(...).(...).(...)	2700K	1838	1838	2606	2606
			3000K	1890	1890	2681	2681
			3500K	1925	1925	2730	2730
			4000K	1995	1995	2830	2830
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm ↓	36W 250mA lm ↑	51W 350mA lm ↓	51W 350mA lm ↑
1714mm	CRI>80	I02.LL.06090.(...).(...).(...).(...)	2700K	2682	2682	3787	3787
			3000K	2768	2768	3908	3908
			3500K	2810	2810	3968	3968
			4000K	2918	2918	4120	4120
			5000K	2961	2961	4180	4180
	CRI>90	I02.LL.06090.(...).(...).(...).(...)	2700K	2252	2252	3181	3181
			3000K	2317	2317	3272	3272
			3500K	2360	2360	3332	3332
			4000K	2446	2446	3453	3453
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm ↓	42W 250mA lm ↑	58W 350mA lm ↓	58W 350mA lm ↑
1994mm	CRI>80	I02.LL.06090.(...).(...).(...).(...)	2700K	3195	3195	4482	4482
			3000K	3297	3297	4625	4625
			3500K	3348	3348	4697	4697
			4000K	3476	3476	4876	4876
			5000K	3527	3527	4948	4948
	CRI>90	I02.LL.06090.(...).(...).(...).(...)	2700K	2683	2683	3764	3764
			3000K	2760	2760	3872	3872
			3500K	2811	2811	3944	3944
			4000K	2913	2913	4087	4087

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	
874mm	40W 54W	20W (Direct) / 20W (Indirect) - 250mA 27W (Direct) / 27W (Indirect) - 350mA
1154mm	48W 68W	24W (Direct) / 24W (Indirect) - 250mA 34W (Direct) / 34W (Indirect) - 350mA
1434mm	60W 86W	30W (Direct) / 30W (Indirect) - 250mA 43W (Direct) / 43W (Indirect) - 350mA
1714mm	72W 102W	36W (Direct) / 36W (Indirect) - 250mA 51W (Direct) / 51W (Indirect) - 350mA
1994mm	84W 116W	42W (Direct) / 42W (Indirect) - 250mA 58W (Direct) / 58W (Indirect) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color

CUBICLINE Linea Led



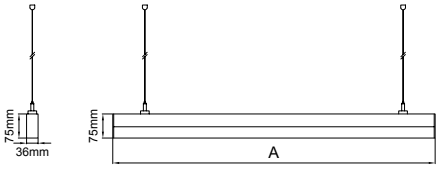
LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

5 / Product Color / Ürün Renk

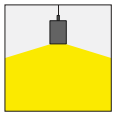


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19445.1145.034.830.01
Family Name / Aile Adı	Cubicline
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	36mm
Profile Height / Profil Yüksekliği	75mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>109lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Cubicline Suspendant

Cubicline Suspendant / I02.LL.19445



* Code example / Kod örneği:

I02.LL.19445 . 1145 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1145mm	CRI>80	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	2419	3394
			3000K	2496	3502
			3500K	2535	3556
			4000K	2633	3694
			5000K	2670	3746
	CRI>90	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	2031	2850
			3000K	2089	2932
			3500K	2128	2986
			4000K	2205	3095
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1425mm	CRI>80	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	3082	4274
			3000K	3180	4410
			3500K	3229	4479
			4000K	3354	4652
			5000K	3401	4717
	CRI>90	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	2588	3589
			3000K	2662	3692
			3500K	2712	3761
			4000K	2810	3897
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1705mm	CRI>80	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	3768	5289
			3000K	3888	5457
			3500K	3949	5542
			4000K	4101	5756
			5000K	4159	5837
	CRI>90	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	3164	4442
			3000K	3255	4569
			3500K	3316	4654
			4000K	3436	4822
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1985mm	CRI>80	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	4478	6233
			3000K	4620	6431
			3500K	4692	6531
			4000K	4873	6784
			5000K	4942	6879
	CRI>90	I02.LL.19445 . (...) . (...) . (...) . (...)	2700K	3760	5234
			3000K	3868	5384
			3500K	3940	5485
			4000K	4083	5683

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1145mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1425mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1705mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
1985mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
		850	CRI>80 - 5000K				05	dark gray
							06	special color

Cubicline Surface Mounted

Cubicline Surface Mounted / I02.LL.19446



* Code example / Kod örneği:

I02.LL.19446 . 1145 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Surface Mounting Profile
Sıvaüstü Montaj Profili



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1145mm	CRI>80	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	2419	3394
			3000K	2496	3502
			3500K	2535	3556
			4000K	2633	3694
			5000K	2670	3746
	CRI>90	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	2031	2850
			3000K	2089	2932
			3500K	2128	2986
			4000K	2205	3095
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1425mm	CRI>80	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	3082	4274
			3000K	3180	4410
			3500K	3229	4479
			4000K	3354	4652
			5000K	3401	4717
	CRI>90	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	2588	3589
			3000K	2662	3692
			3500K	2712	3761
			4000K	2810	3897
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1705mm	CRI>80	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	3768	5289
			3000K	3888	5457
			3500K	3949	5542
			4000K	4101	5756
			5000K	4159	5837
	CRI>90	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	3164	4442
			3000K	3255	4569
			3500K	3316	4654
			4000K	3436	4822
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1985mm	CRI>80	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	4478	6233
			3000K	4620	6431
			3500K	4692	6531
			4000K	4873	6784
			5000K	4942	6879
	CRI>90	I02.LL.19446 . (...) . (...) . (...) . (...)	2700K	3760	5234
			3000K	3868	5384
			3500K	3940	5485
			4000K	4083	5683

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin		5 Product Color / Ürün Renk	
1145mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01 white	
1425mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	830 CRI>80 - 3000K	930 CRI>90 - 3000K	02 ral 9010	
1705mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	835 CRI>80 - 3500K	935 CRI>90 - 3500K	03 black	
1985mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	840 CRI>80 - 4000K	940 CRI>90 - 4000K	04 gray	
		850 CRI>80 - 5000K		05 dark gray	
				06 special color	

Cubicline Track Mounted

Cubicline Track Mounted / I02.LL.19447



* Code example / Kod örneği:

I02.LL.19447 . 1145 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Track Adaptor
Ray Soketi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1145mm	CRI>80	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	2419	3394
			3000K	2496	3502
			3500K	2535	3556
			4000K	2633	3694
			5000K	2670	3746
	CRI>90	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	2031	2850
			3000K	2089	2932
			3500K	2128	2986
			4000K	2205	3095
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1425mm	CRI>80	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	3082	4274
			3000K	3180	4410
			3500K	3229	4479
			4000K	3354	4652
			5000K	3401	4717
	CRI>90	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	2588	3589
			3000K	2662	3692
			3500K	2712	3761
			4000K	2810	3897
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1705mm	CRI>80	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	3768	5289
			3000K	3888	5457
			3500K	3949	5542
			4000K	4101	5756
			5000K	4159	5837
	CRI>90	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	3164	4442
			3000K	3255	4569
			3500K	3316	4654
			4000K	3436	4822
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
1985mm	CRI>80	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	4478	6233
			3000K	4620	6431
			3500K	4692	6531
			4000K	4873	6784
			5000K	4942	6879
	CRI>90	I02.LL.19447 . (...) . (...) . (...) . (...)	2700K	3760	5234
			3000K	3868	5384
			3500K	3940	5485
			4000K	4083	5683

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1145mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1425mm	30W 42W	30W (Direct) - 250mA 42W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1705mm	36W 51W	36W (Direct) - 250mA 51W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1985mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

SLIMLINE Linea Led



SLIMLINE office lighting with double line lightsource with 15° curved finish enables illuminating the sides of table with a higher level providing better working environment on work and meeting tables. Slim structure of the profile is widely preffered by architects.

SLIMLINE 15°'lik açılı ışık kaynağı eğimi ile toplantı masaları üzerinde kenarlara doğru yüksek lux seviyesi sağlama özelliği ile konforlu çalışma ortamı sağlar. İnce profil yapısı ile projelerde mimarlar tarafından yaygın bir şekilde tercih edilir.

Slimline

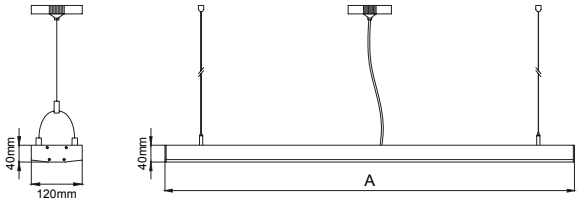


LED A A+ A++ | 0° 0° | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

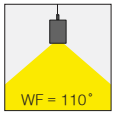
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Slimline / I02.LL.19110



* Code example / Kod örneği:

I02.LL.19110 . 1136 . 048 . 830 . 01

1 2 3 4 5

Suspension Wire	Suspension Profile
Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili




Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	1136mm 48W 250mA lm	1415mm 60W 250mA lm	1696mm 72W 250mA lm
1136mm - 48W 1415mm - 60W 1696mm - 72W	CRI>80	I02.LL.19110 . (...) . (...) . (...)	2700K	4186	5294	6460
			3000K	4319	5463	6666
			3500K	4386	5548	6770
			4000K	4554	5760	7028
			5000K	4621	5845	7132
	CRI>90	I02.LL.19110 . (...) . (...) . (...)	2700K	3516	4447	5426
			3000K	3616	4574	5581
			3500K	3683	4659	5684
			4000K	3817	4828	5891

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1136mm	48W	48W (Direct) - 250mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1415mm	60W	60W (Direct) - 250mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1696mm	72W	72W (Direct) - 250mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

SQUARE Linea Led



SQUARE is a square or rectangular shaped pendant with various dimensions preferably used on meeting tables. Can be modified according to the size of working space. Direct and indirect light distribution. Dimming option available upon request.

Microprism louvre in acrylic (PMMA). SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

SQUARE kare şekilli sarkıt armatür olup farklı ölçülerde üretilebilir. Genel olarak toplantı masaları ve ofis alanlarında tercih edilmekte olup mekanın ölçülerine göre farklı uzunlukta alternatifleri mevcuttur. Direkt ve endirekt aydınlatma sağlamakla birlikte dim seçeneği de mevcuttur.

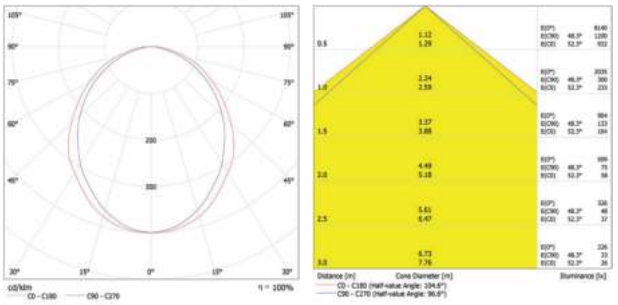
Mikroprizmatik akrilik (PMMA) diffüzörlü. Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

LDT Files / LDT Dataları

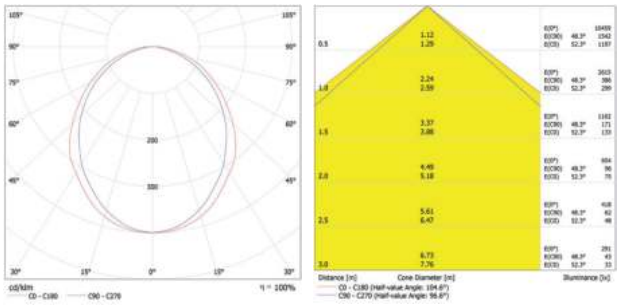


I02.LL.19625

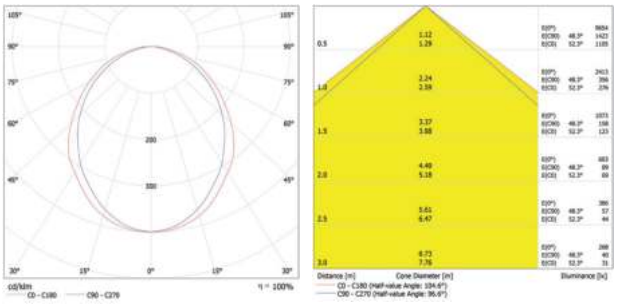
Beam Angle: 105° | 56W / 250mA / SMD LED



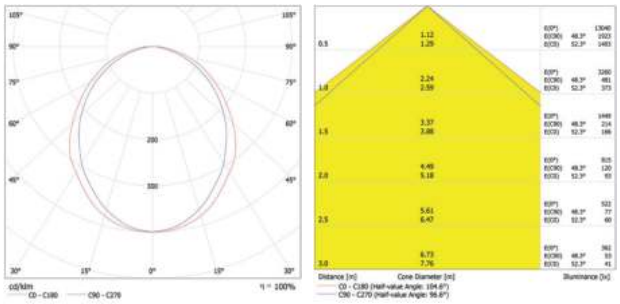
Beam Angle: 105° | 72W / 350mA / SMD LED



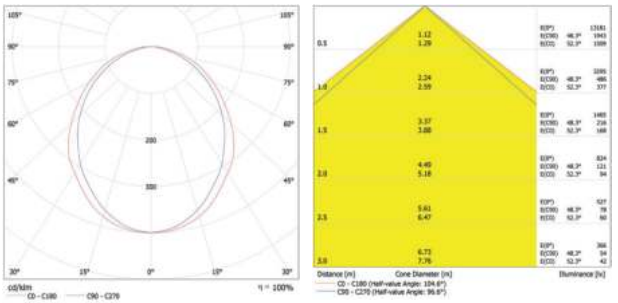
Beam Angle: 105° | 80W / 250mA / SMD LED



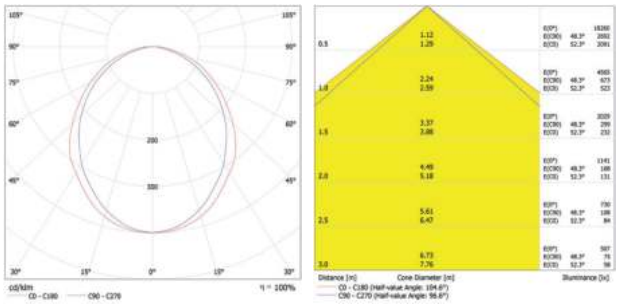
Beam Angle: 105° | 108W / 350mA / SMD LED

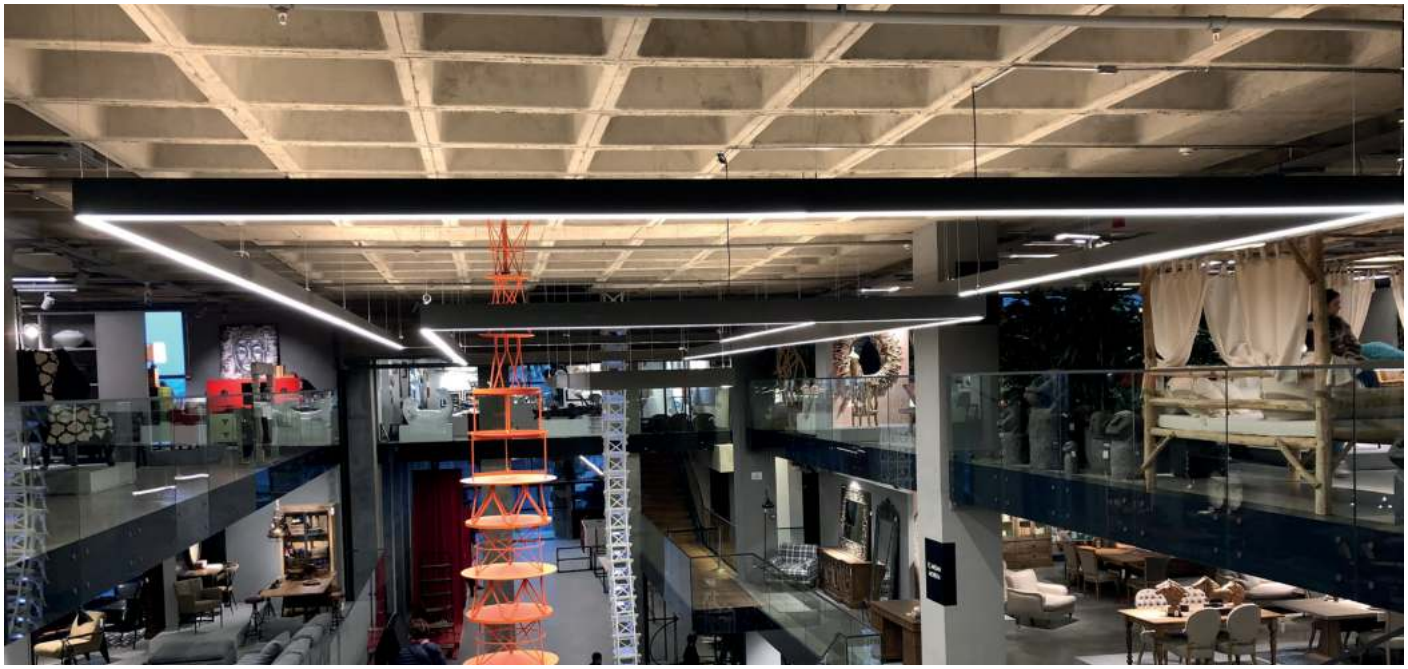


Beam Angle: 105° | 104W / 250mA / SMD LED



Beam Angle: 105° | 144W / 350mA / SMD LED





Square





* Code example / Kod örneği:

I02.LL.19625 . 1515 . 104 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire
Sarkıtma Teli

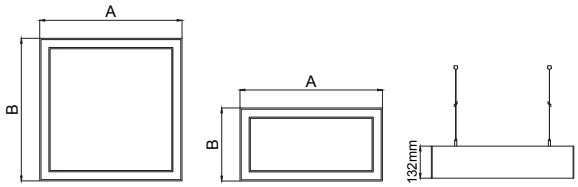


LED A A+ A++ 0° 0° SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

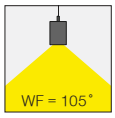
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19625.1515.104.830.01
Family Name / Aile Adı	Square
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	42.5mm
Profile Height / Profil Yüksekliği	132mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>79lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Square

Square / I02.LL.19625

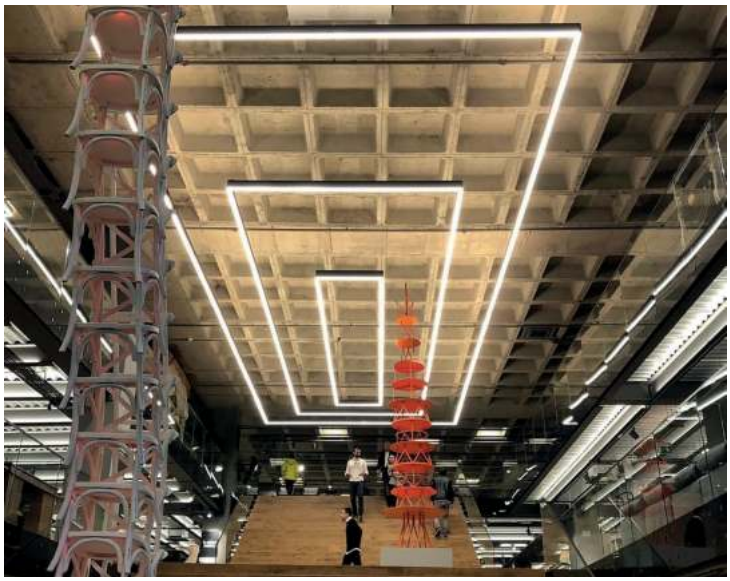
Lenght / Uzunluk (AxB)	CRI	Order Code / Sipariş Kodu	Kelvin	56W 250mA lm	72W 350mA lm
515x515mm	CRI>80	I02.LL.19625.(...).(...).(...).(...)	2700K	4684	6018
			3000K	4834	6211
			3500K	4908	6307
			4000K	5096	6548
			5000K	5171	6644
	CRI>90	I02.LL.19625.(...).(...).(...).(...)	2700K	3934	5055
			3000K	4047	5200
			3500K	4122	5296
			4000K	4271	5489
Lenght / Uzunluk (AxB)	CRI	Order Code / Sipariş Kodu	Kelvin	80W 250mA lm	108W 350mA lm
1015x1015mm	CRI>80	I02.LL.19625.(...).(...).(...).(...)	2700K	5555	7504
			3000K	5733	7744
			3500K	5822	7864
			4000K	6044	8164
			5000K	6133	8284
	CRI>90	I02.LL.19625.(...).(...).(...).(...)	2700K	4666	6303
			3000K	4800	6483
			3500K	4888	6603
			4000K	5066	6843
Lenght / Uzunluk (AxB)	CRI	Order Code / Sipariş Kodu	Kelvin	104W 250mA lm	144W 350mA lm
1515x1515mm	CRI>80	I02.LL.19625.(...).(...).(...).(...)	2700K	7585	10508
			3000K	7827	10844
			3500K	7949	11012
			4000K	8252	11432
			5000K	8374	11601
	CRI>90	I02.LL.19625.(...).(...).(...).(...)	2700K	6371	8826
			3000K	6553	9079
			3500K	6675	9247
			4000K	6917	9583

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (AxB)	3 Watt - Driving Current / Watt - Sürüş Akımı	
515x515mm	56W 72W	56W (Direct) - 250mA 72W (Direct) - 350mA
1015x1015mm	80W 108W	80W (Direct) - 250mA 108W (Direct) - 350mA
1515x1515mm	104W 144W	104W (Direct) - 250mA 144W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk		
	01	white
	02	ral 9010
	03	black
	04	gray
	05	dark gray
	06	special color



DORA Linea Led



DORA is a linear direct/indirect illumination profile. Can be modified according to the size of working space. Dimming option available upon request.

Microprism louvre in acrylic (PMMA). SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

DORA diekt ve endirekt aydınlatma sağlayan sarkıt armatür olup farklı ölçülerde üretilebilir. Genel olarak toplantı masaları ve ofis alanlarında tercih edilmekte olup mekanın ölçülerine göre farklı uzunlukta alternatifleri mevcuttur.

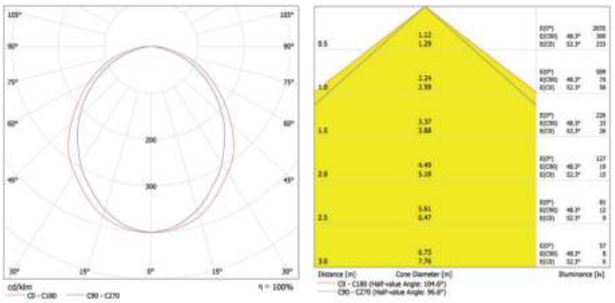
Mikroprizmatik akrilik (PMMA) diffüzörlü. Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

LDT Files / LDT Dataları

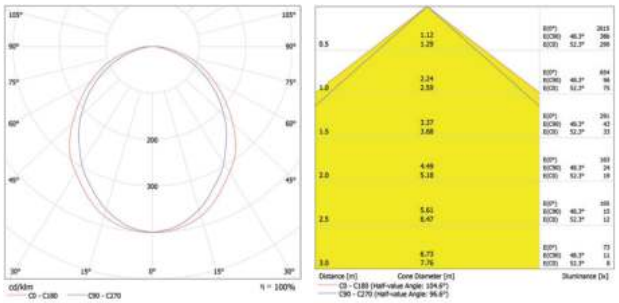


I02.LL.19635

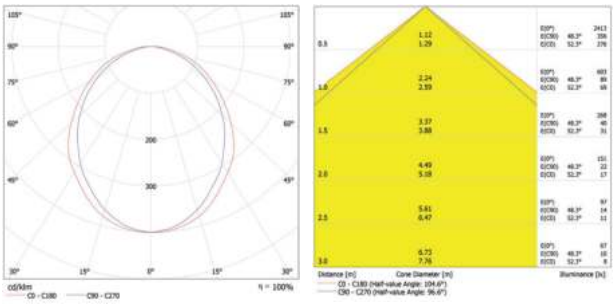
Beam Angle: 105° 14W / 250mA / SMD LED



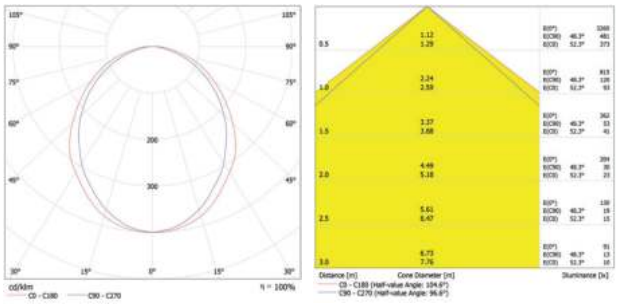
Beam Angle: 105° 18W / 350mA / SMD LED



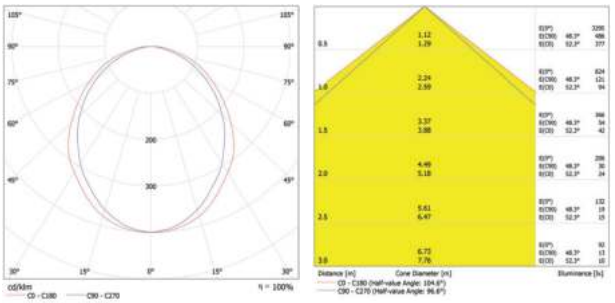
Beam Angle: 105° 20W / 250mA / SMD LED



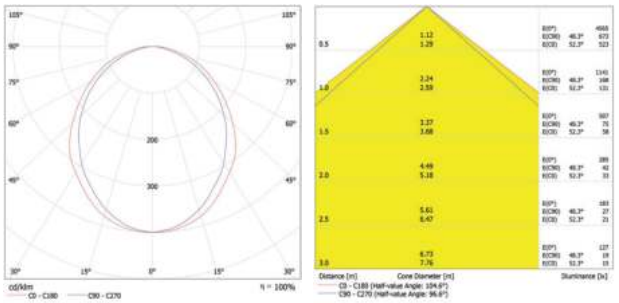
Beam Angle: 105° 27W / 350mA / SMD LED



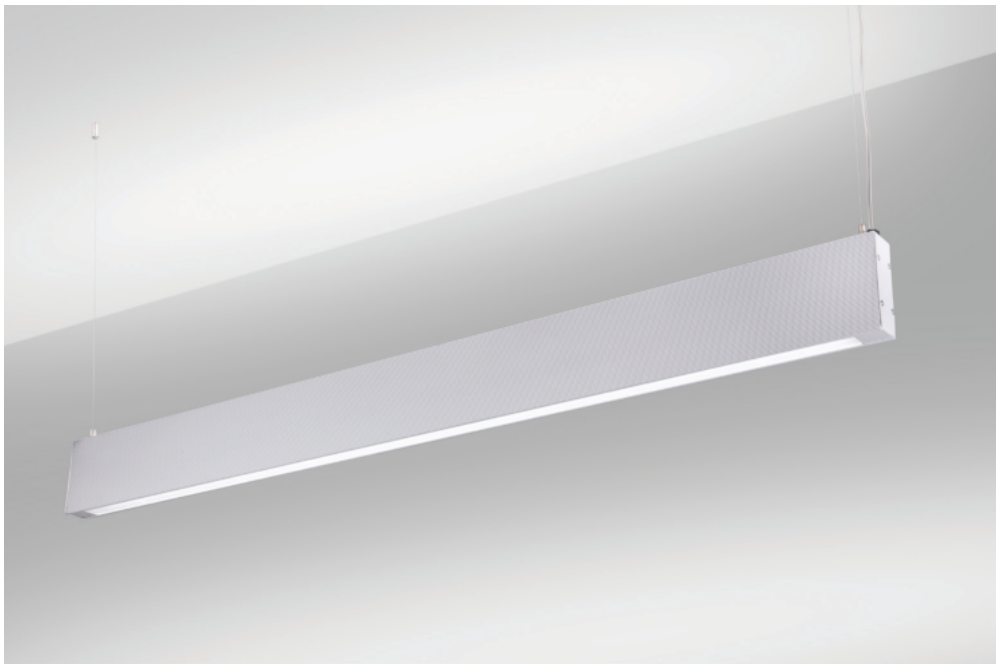
Beam Angle: 105° 26W / 250mA / SMD LED



Beam Angle: 105° 36W / 350mA / SMD LED



Dora





* Code example / Kod örneği:

I02.LL.19635 . 1015 . 027 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire
Sarkıtma Teli

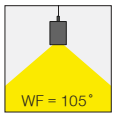


LED A A+ A++ 0° 0° SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

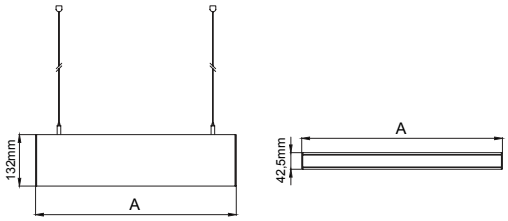
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19635.1015.027.830.01
Family Name / Aile Adı	Dora
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	42.5mm
Profile Height / Profil Yüksekliği	132mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>76lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Dora

Dora / I02.LL.19635

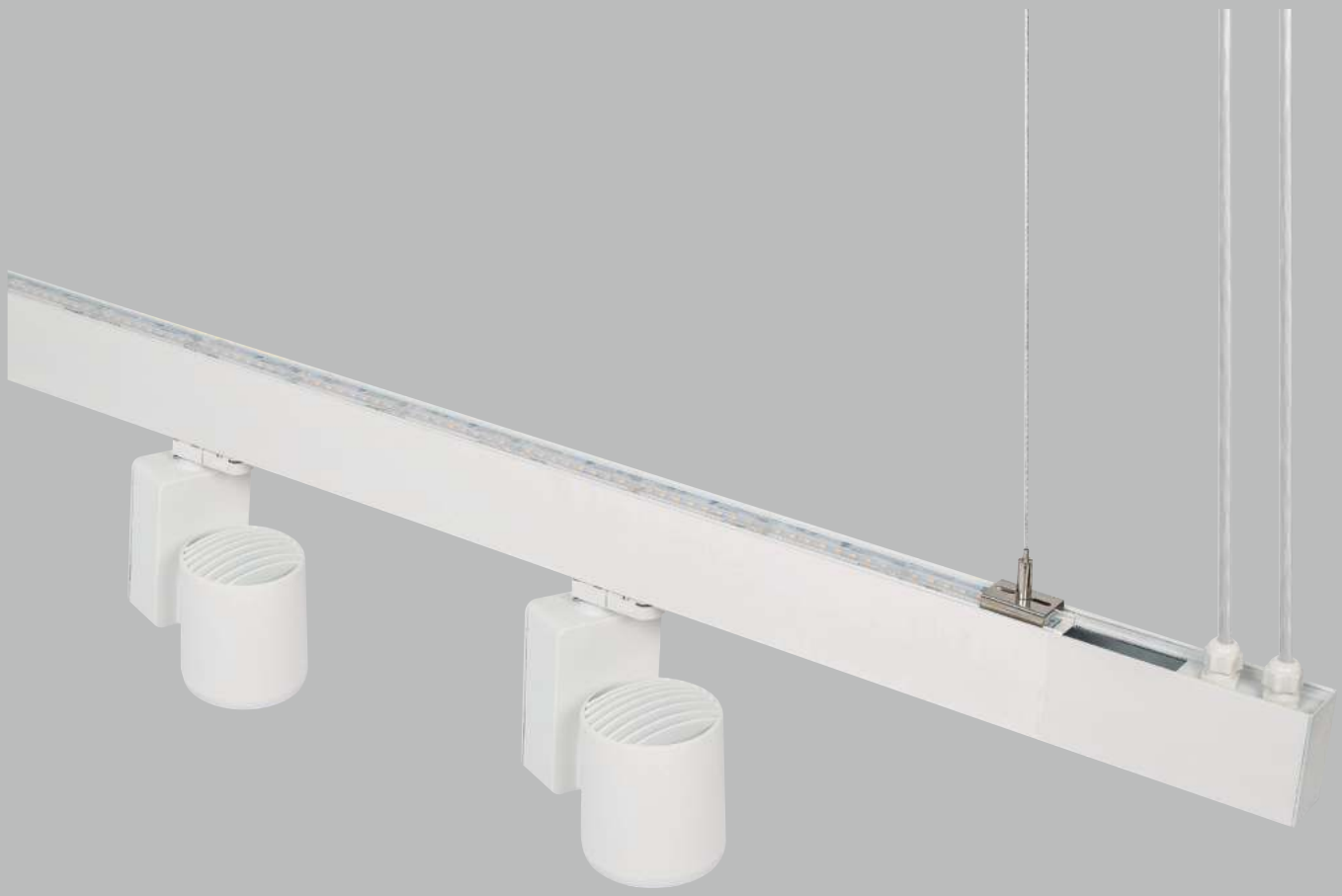
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm	18W 350mA lm
515mm	CRI>80	I02.LL.19635.(...).(...).(...).(...)	2700K	1171	1504
			3000K	1208	1552
			3500K	1227	1576
			4000K	1274	1637
			5000K	1292	1661
	CRI>90	I02.LL.19635.(...).(...).(...).(...)	2700K	983	1263
			3000K	1011	1300
			3500K	1030	1324
			4000K	1067	1372
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
1015mm	CRI>80	I02.LL.19635.(...).(...).(...).(...)	2700K	1388	1876
			3000K	1433	1936
			3500K	1455	1966
			4000K	1511	2041
			5000K	1533	2071
	CRI>90	I02.LL.19635.(...).(...).(...).(...)	2700K	1166	1575
			3000K	1200	1620
			3500K	1222	1650
			4000K	1266	1716
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	26W 250mA lm	36W 350mA lm
1515mm	CRI>80	I02.LL.19635.(...).(...).(...).(...)	2700K	1896	2627
			3000K	1956	2711
			3500K	1987	2753
			4000K	2063	2858
			5000K	2093	2900
	CRI>90	I02.LL.19635.(...).(...).(...).(...)	2700K	1592	2206
			3000K	1638	2269
			3500K	1668	2311
			4000K	1729	2395

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı		4 CRI / Kelvin				5 Product Color / Ürün Renk		
515mm	14W 18W	14W (Direct) - 250mA 18W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
1015mm	20W 27W	20W (Direct) - 250mA 27W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
1515mm	26W 36W	26W (Direct) - 250mA 36W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color



TONE Linea Led

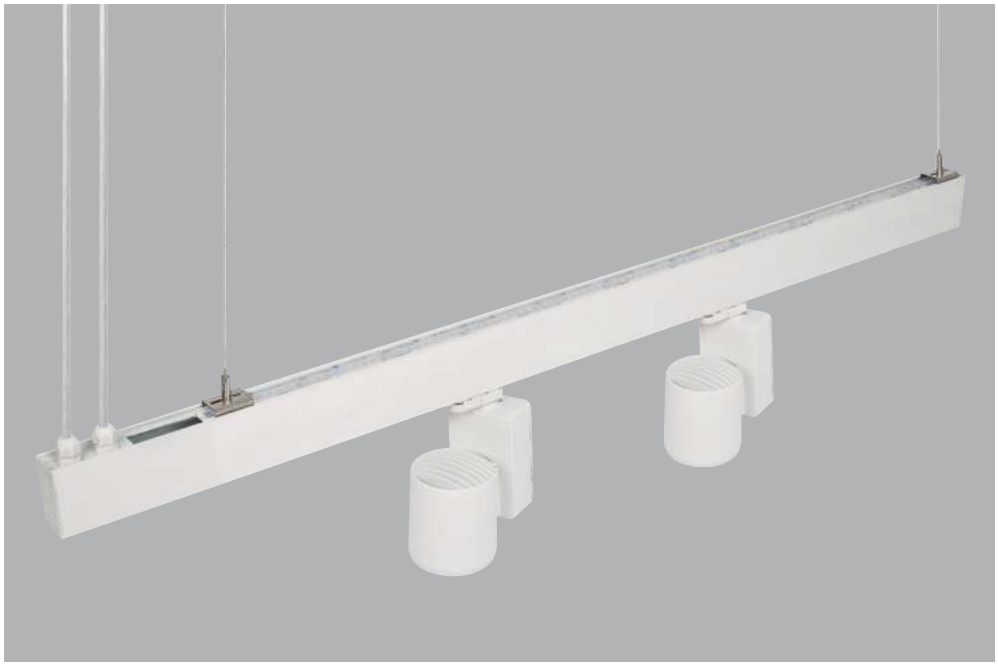


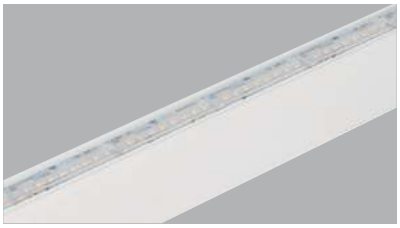
Special profile with lens optic on top and 3-phase inverted track on bottom. Any tracklight with 3-phase track adaptor is suitable to be used with this profile. The advantage of TONE is that it provides wonderful indirect illumination while at the same time spotlighting application integrated in one profile system.

Özel geliştirilmiş lineer profil aydınlatma. Armatürün üst tarafında endirek aydınlatma sağlayan lens optik, alt tarafında ise armatüre entegre edilmiş 3-fazlı ray mevcuttur. 3-Fazlı ray soketine sahip herhangi bir ray armatürü bu profil ile beraber kullanılmaya uygundur. TONE armatürünün en önemli özelliği mükemmel bir endirek aydınlatma sağlamakla beraber spot aydınlatma uygulamasını da tek bir profilde birleştirir.



Tone





* Code example / Kod örneği:

I02.LL.19600 . 1135 . 015 . 060 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

Suspension Cord	Suspension Profile
Ray Sarkıtma Teli	Sarkıtma Teli Bağlantı Profili





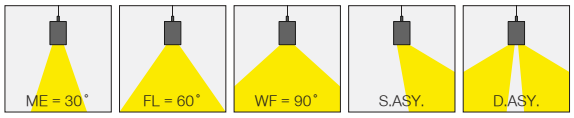
LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

5 / Product Color / Ürün Renk

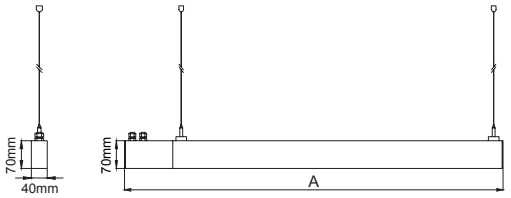


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19600.1135.015.060.830.01
Family Name / Aile Adı	Tone
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	40mm
Profile Height / Profil Yüksekliği	70mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>99lm/W
CRI	80
Light Distribution / Işık Dağılımı	Medium, Flood, Wide Flood, Single Asymmetric and Double Asymmetric / Orta, Geniş, Çok Geniş, Tek Asimetrik ve Çift Asimetrik
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Tone

Tone / I02.LL.19600

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	12W 250mA lm ↑	15W 350mA lm ↑
1135mm	CRI>80	I02.LL.19600.(...).(...).(...).(...)	2700K	1009	1365
			3000K	1041	1408
			3500K	1057	1430
			4000K	1098	1485
			5000K	1114	1506
	CRI>90	I02.LL.19600.(...).(...).(...).(...)	2700K	847	1146
			3000K	872	1179
			3500K	888	1201
			4000K	920	1244
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 250mA lm ↑	20W 350mA lm ↑
1415mm	CRI>80	I02.LL.19600.(...).(...).(...).(...)	2700K	1202	1856
			3000K	1240	1916
			3500K	1259	1945
			4000K	1308	2020
			5000K	1327	2049
	CRI>90	I02.LL.19600.(...).(...).(...).(...)	2700K	1009	1559
			3000K	1038	1604
			3500K	1058	1633
			4000K	1096	1693
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	17W 250mA lm ↑	24W 350mA lm ↑
1695mm	CRI>80	I02.LL.19600.(...).(...).(...).(...)	2700K	1490	2272
			3000K	1538	2344
			3500K	1562	2381
			4000K	1622	2472
			5000K	1646	2508
	CRI>90	I02.LL.19600.(...).(...).(...).(...)	2700K	1252	1908
			3000K	1288	1963
			3500K	1312	1999
			4000K	1359	2072
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm ↑	28W 350mA lm ↑
1975mm	CRI>80	I02.LL.19600.(...).(...).(...).(...)	2700K	1791	2677
			3000K	1848	2763
			3500K	1877	2806
			4000K	1949	2913
			5000K	1977	2956
	CRI>90	I02.LL.19600.(...).(...).(...).(...)	2700K	1504	2249
			3000K	1547	2313
			3500K	1576	2356
			4000K	1633	2441

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
1135mm	12W 12W (Indirect)- 250mA 15W 15W (Indirect)- 350mA	ME 30° - Medium	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01 white
1415mm	14W 14W (Indirect)- 250mA 20W 20W (Indirect)- 350mA	FL 60° - Flood	830 CRI>80 - 3000K	930 CRI>90 - 3000K	02 ral 9010
1695mm	17W 17W (Indirect)- 250mA 24W 24W (Indirect)- 350mA	WF 90° - Wide Flood	835 CRI>80 - 3500K	935 CRI>90 - 3500K	03 black
1975mm	20W 20W (Indirect)- 250mA 28W 28W (Indirect)- 350mA	S.ASY. Single Asymmetric	840 CRI>80 - 4000K	940 CRI>90 - 4000K	04 gray
		D.ASY. Double Asymmetric	850 CRI>80 - 5000K		05 dark gray
					06 special color

TUBE Linea Led



TUBE is an ideal solution for office and general lighting. Round shape diffuser enables very wide beam angle light output. High efficient diffuser reduce glare and enables homogen light output. 2700K, 3000K, 3500K, 4000K and 5000K options available together with dimming possibility.

TUBE ofis ve genel mekan aydınlatması için ideal bir çözümdür. Yuvarlak diffüzör yapısı extra geniş açılı ışık çıkışı sağlar. Yüksek geçirgenli difuzör yapısı homojen ışık çıkışı sağlar. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri ve dim olanağı mevcuttur.

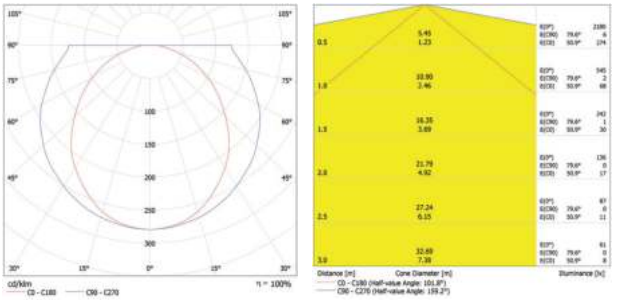


LDT Files / LDT Dataları

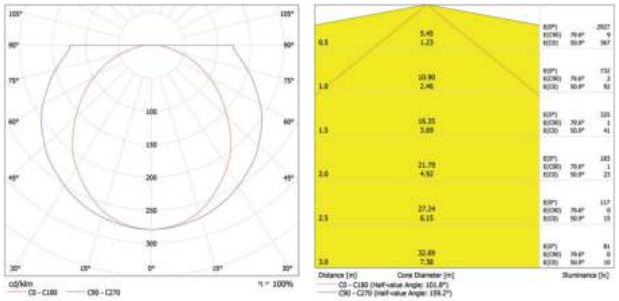


I02.LL.19440

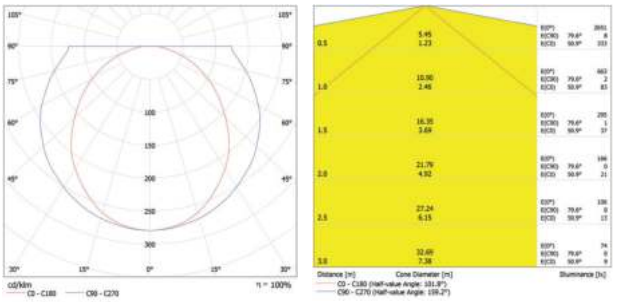
Beam Angle: 159° | 20W / 250mA / SMD LED



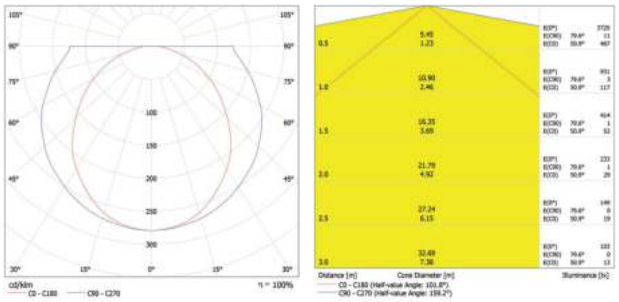
Beam Angle: 159° | 25W / 350mA / SMD LED



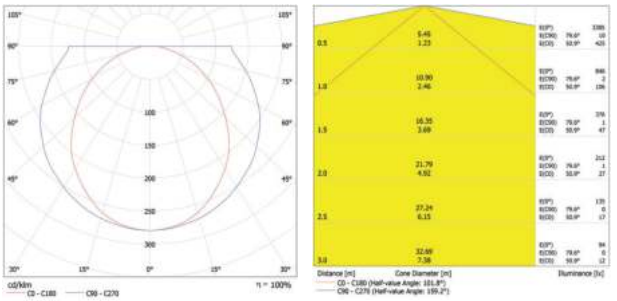
Beam Angle: 159° | 24W / 250mA / SMD LED



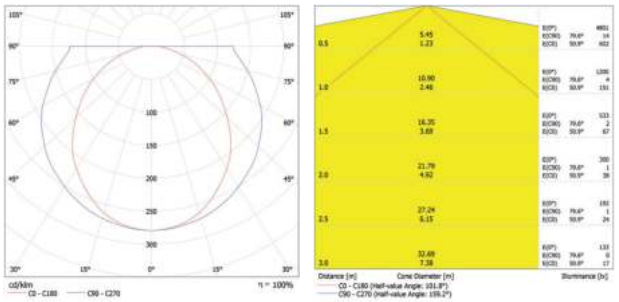
Beam Angle: 159° | 34W / 350mA / SMD LED



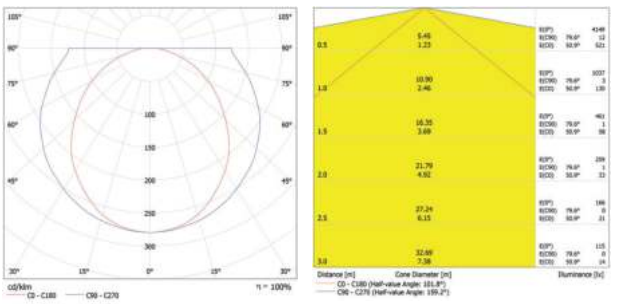
Beam Angle: 159° | 30W / 250mA / SMD LED



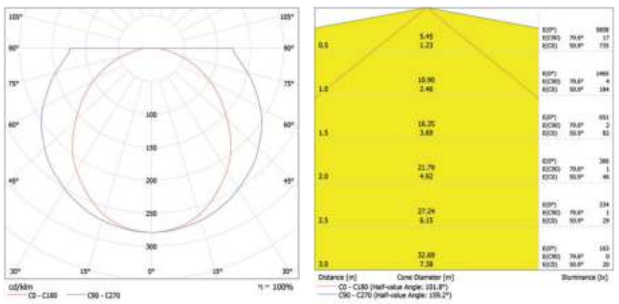
Beam Angle: 159° | 42W / 350mA / SMD LED



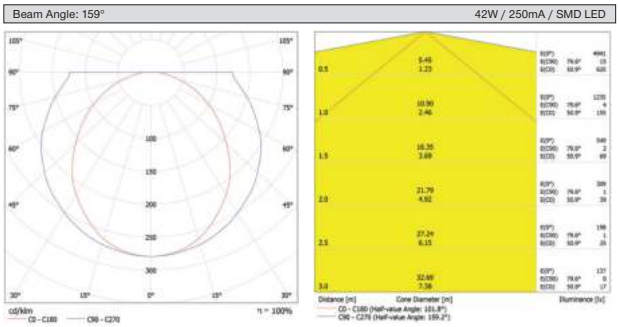
Beam Angle: 159° | 36W / 250mA / SMD LED



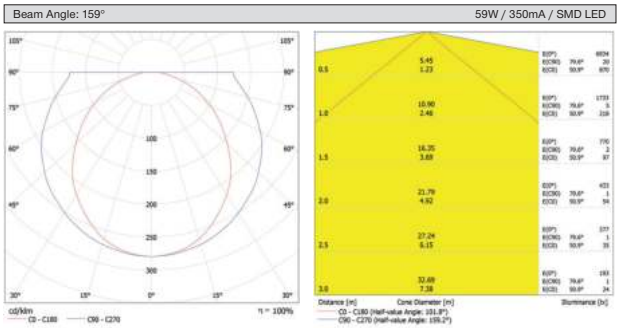
Beam Angle: 159° | 51W / 350mA / SMD LED



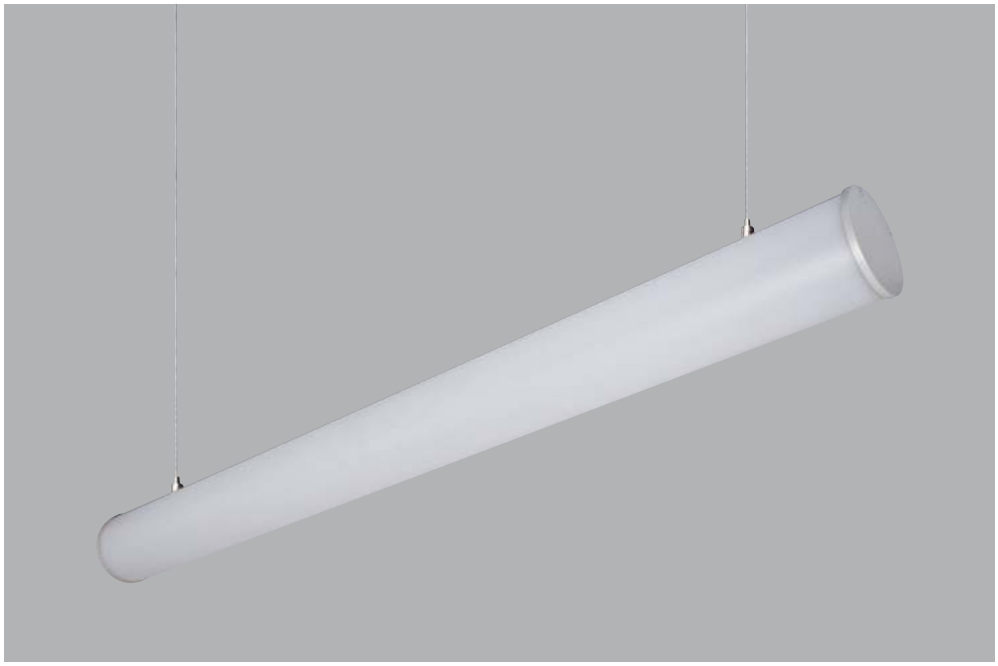
Beam Angle: 159° | 42W / 250mA / SMD LED

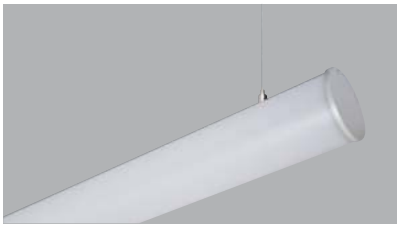


Beam Angle: 159° | 59W / 350mA / SMD LED



Tube





* Code example / Kod örneği:

I02.LL.19440 . 1160 . 034 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

Suspension Wire
Sarkıtma Teli

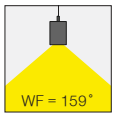


LED A A+ A++ | 0° 0° | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

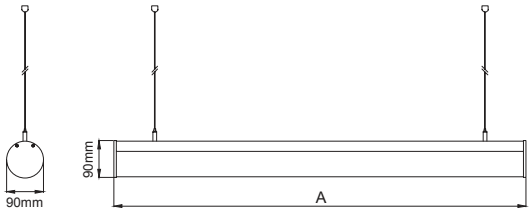
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19440.1160.034.830.01
Family Name / Aile Adı	Tube
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	90mm
Profile Height / Profil Yüksekliği	90mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>98lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Tube

Tube / I02.LL.19440

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
880mm	CRI>80	I02.LL.19440.(...).(...).(...).(...)	2700K	1792	2406
			3000K	1849	2483
			3500K	1878	2522
			4000K	1950	2618
			5000K	1978	2657
	CRI>90	I02.LL.19440.(...).(...).(...).(...)	2700K	1505	2021
			3000K	1548	2079
			3500K	1577	2118
			4000K	1634	2195
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**24W 250mA lm**	**34W 350mA lm**
1160mm	CRI>80	I02.LL.19440.(...).(...).(...).(...)	2700K	2179	3062
			3000K	2249	3160
			3500K	2283	3209
			4000K	2371	3332
			5000K	2406	3381
	CRI>90	I02.LL.19440.(...).(...).(...).(...)	2700K	1830	2572
			3000K	1883	2646
			3500K	1917	2695
			4000K	1987	2793
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**30W 250mA lm**	**42W 350mA lm**
1440mm	CRI>80	I02.LL.19440.(...).(...).(...).(...)	2700K	2783	3946
			3000K	2872	4072
			3500K	2916	4136
			4000K	3028	4294
			5000K	3072	4357
	CRI>90	I02.LL.19440.(...).(...).(...).(...)	2700K	2337	3315
			3000K	2404	3410
			3500K	2449	3473
			4000K	2538	3599
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**36W 250mA lm**	**51W 350mA lm**
1720mm	CRI>80	I02.LL.19440.(...).(...).(...).(...)	2700K	3411	4815
			3000K	3520	4970
			3500K	3574	5047
			4000K	3711	5240
			5000K	3765	5317
	CRI>90	I02.LL.19440.(...).(...).(...).(...)	2700K	2865	4045
			3000K	2947	4161
			3500K	3001	4238
			4000K	3110	4392
Lenght / Uzunluk (A)	**CRI**	**Order Code / Sipariş Kodu**	**Kelvin**	**42W 250mA lm**	**59W 350mA lm**
2000mm	CRI>80	I02.LL.19440.(...).(...).(...).(...)	2700K	4062	5700
			3000K	4192	5882
			3500K	4257	5973
			4000K	4420	6202
			5000K	4485	6294
	CRI>90	I02.LL.19440.(...).(...).(...).(...)	2700K	3412	4788
			3000K	3510	4925
			3500K	3575	5017
			4000K	3705	5199

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
880mm	20W 20W (Direct) - 250mA 25W 25W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
1160mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1440mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
1720mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
2000mm	42W 42W (Direct) - 250mA 59W 59W (Direct) - 350mA	850	CRI>80 - 5000K			05	dark gray
						06	special color

LOTUS Linea Led



LOTUS designed with very high flux output with IP54 protection rating makes it convenient to be used for illuminating large shop areas like supermarkets, high ceiling shops, warehouses etc. Highest lumen per watt offered with microprismatic diffuser to reduce UGR.

2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options. 1-10V and DALI dim selections increases the functionality of the luminaire.

LOTUS yüksek lümen çıkışı sağlayan yapısı ve IP54 koruma sınıfı özelliği ile yüksek tavanlı mağaza, süpermarket ve depo gibi alanlarda kullanılabilir. Mikroprizmatik pleksi yapısı sayesinde düşük kamaşmalı konforlu ışık çıkışı sağlanır.

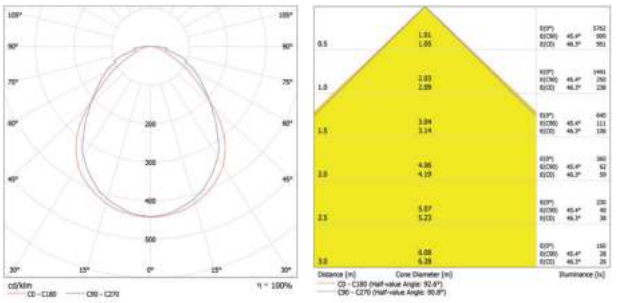
2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir. 1-10V ve DALI dim seçenekleri armatürün fonksyonelliğni artırır.

LDT Files / LDT Dataları

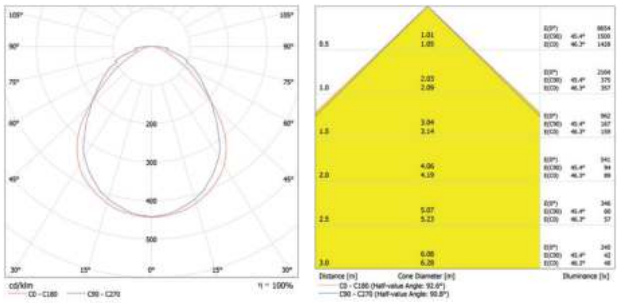


I02.LL.19350

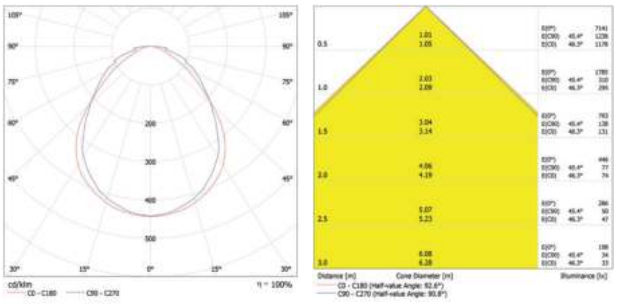
Beam Angle: 93° — 28W / 200mA / SMD LED



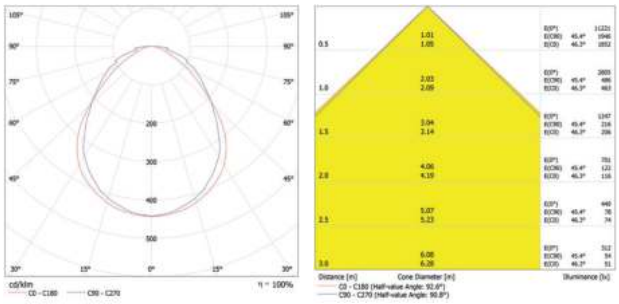
Beam Angle: 93° — 42W / 200mA / SMD LED



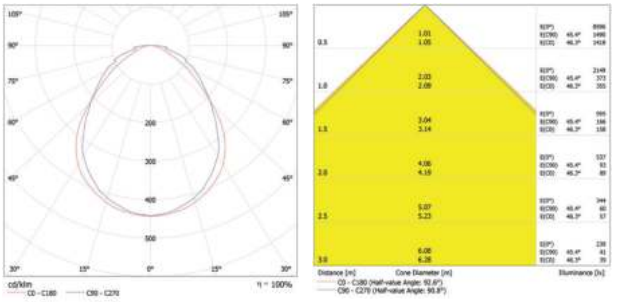
Beam Angle: 93° — 35W / 250mA / SMD LED



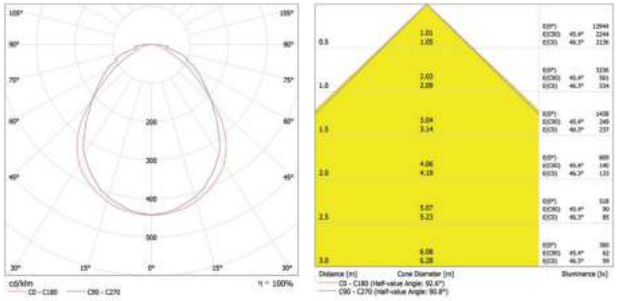
Beam Angle: 93° — 55W / 250mA / SMD LED



Beam Angle: 93° — 42.5W / 300mA / SMD LED



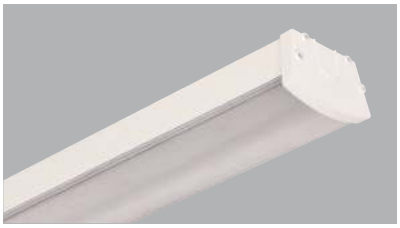
Beam Angle: 93° — 64W / 300mA / SMD LED





Lotus





* Code example / Kod örneği:

I02.LL.19350 . 935 . 64 . 830 . 01

1 2 3 4 5

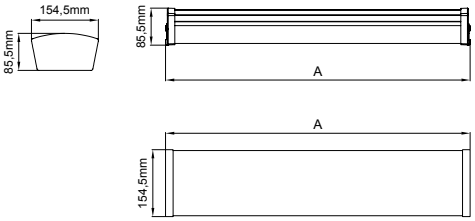
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP44 CRI 80 CRI 90

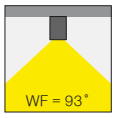
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19350.935.64.830.01
Family Name / Aile Adı	Lotus
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	154.5mm
Profile Height / Profil Yüksekliği	85.5mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>114lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Microprismatic / Mikroprizmatik

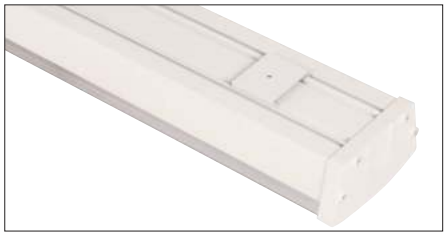
Lotus

Lotus / I02.LL.19350

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	28W 200mA lm	35W 250mA lm	42.5W 300mA lm
635mm	CRI>80	I02.LL.19350.(...).(...).(...).(...)	2700K	2985	3699	4453
			3000K	3081	3818	4595
			3500K	3128	3877	4667
			4000K	3248	4025	4845
			5000K	3296	4084	4916
	CRI>90	I02.LL.19350.(...).(...).(...).(...)	2700K	2507	3107	3740
			3000K	2579	3196	3847
			3500K	2627	3255	3919
			4000K	2722	3374	4061
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 200mA lm	55W 250mA lm	64W 300mA lm
935mm	CRI>80	I02.LL.19350.(...).(...).(...).(...)	2700K	4483	5813	6706
			3000K	4627	5999	6920
			3500K	4698	6092	7028
			4000K	4878	6325	7296
			5000K	4950	6418	7403
	CRI>90	I02.LL.19350.(...).(...).(...).(...)	2700K	3766	4883	5633
			3000K	3874	5023	5794
			3500K	3945	5116	5901
			4000K	4089	5302	6116

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
635mm	28W 28W (Direct) - 200mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
	35W 35W (Direct) - 250mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
	42.5W 42.5W (Direct) - 300mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
935mm	42W 42W (Direct) - 200mA	840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
	55W 55W (Direct) - 250mA	850	CRI>80 - 5000K				05	dark gray
	64W 64W (Direct) - 300mA						06	special color



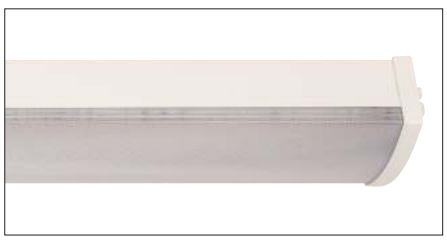
– Sliding mounting mechanism convenient for both surface mounting and suspended installation.

– Oynarlı montaj mekanizması sıva üstü ve sarkıt montaj uygulamaları için uygundur.



– Die-Cast aluminium end caps with silicon seal ensures IP54 protection.

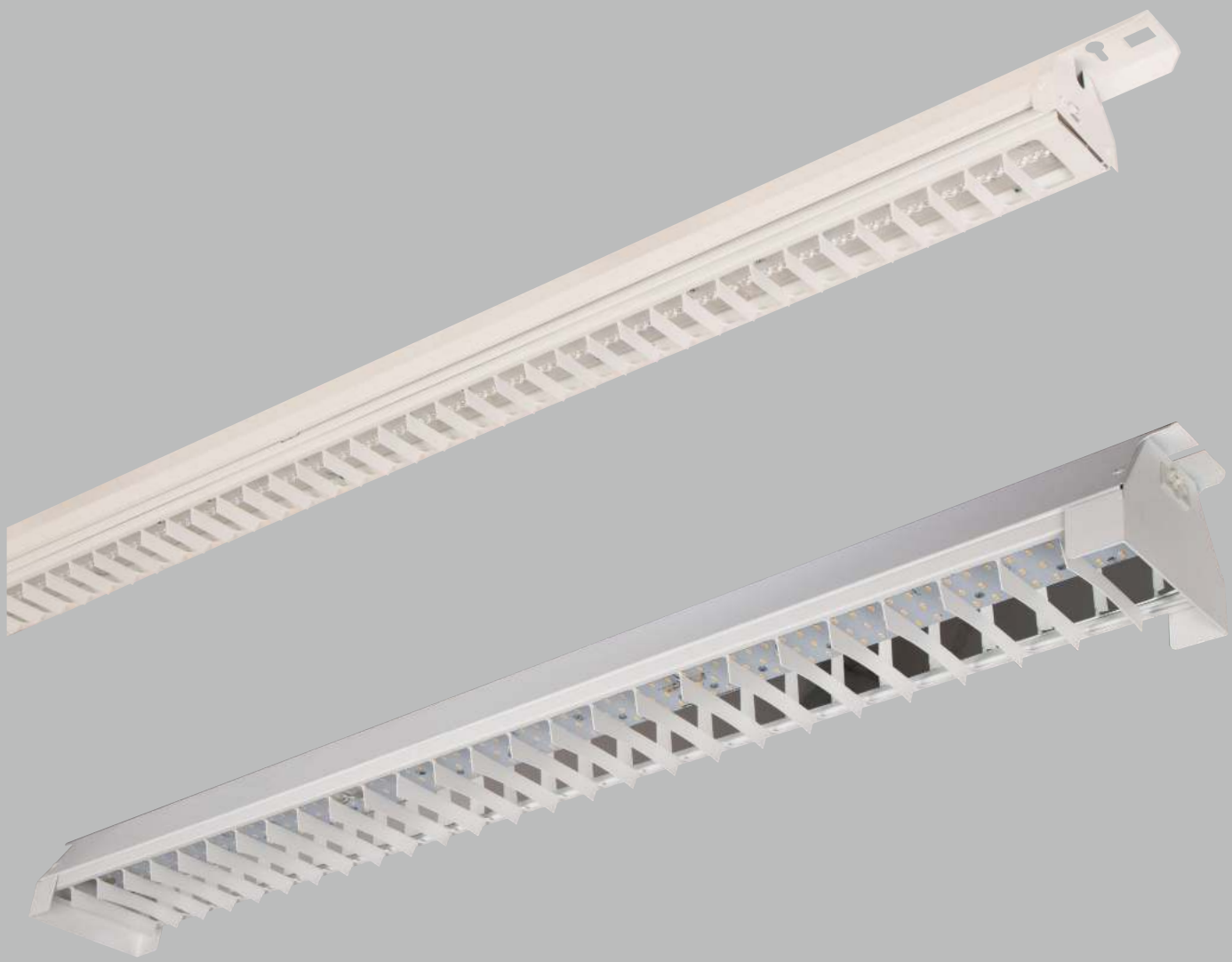
– Silikon contalı enjeksiyon kapaklar IP54 koruma sağlar.



– Microprismatic diffuser provides low UGR.

– Mikroprizmatik difüzör sayesinde ışık kamaşma seviyesi düşüktür.

INDUSTRIAL Linea Led



INDUSTRIAL and NEO INDUSTRIAL designed for illuminating large shop areas like supermarkets, department stores etc. Highest lumen per watt offered in a simple body form offers efficient lighting in reasonable price level. White lamella louvre decreases the UGR with minimum efficiency loss enables bright stores and comfortable lighting.
2700K, 3000K, 3500K, 4000K and 5000K alternatives available together different power and luminaire size options.

INDUSTRIAL ve NEO INDUSTRIAL özellikle büyük metrekareye sahip süpermarket ve mağazalar için tasarlandı. Yüksek verimde ışık çıkışı basit gövde tasarımı içerisinde tasarlanarak verimli aydınlatmayı rekabetçi fiyat seviyelerinde sunar.
Beyaz boyalı lamel metal reflektör sayesinde kamaşma engellenerek konforlu aydınlatma sağlar. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri farklı güç ve boy tercihleri ile uygulanabilir.

Industrial



– White painted metal raster louver decreases the UGR with minimum efficiency loss.

– Beyaz boyalı metal petekli reflektör ile kamaşma minimize edilerek aydınlatma konforu en az ışık kaybı ile sağlanır.

– Main body can be delivered in two versions:
1) White paint finish
2) Non painted pure metal appearence.

– Ana gövdenin iki versiyon seçeneği mevcuttur:
1) Beyaz boyalı
2) Saf galvanize metal görünümlü boyasız

– Wieland GST 18i3 male plug available for easy installation suitable to EU standards. Optionally plugs can be installed on both sides with 2.5mm cables for both powering the fixture and transporting the power to the next fixture.

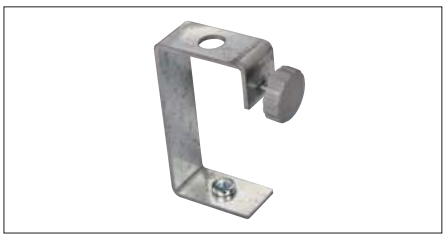
– Wieland GST18i3 erkek jak ile Avrupa standardlarına uygun montaj kolaylığı sağlanmaktadır. Alternatif olarak armatürün her iki kapağına jak çıkışı ile 2.5mm kesitli kablolarla beslenerek hem armatürün kendisine hem de bir sonraki armatüre enerji kolaylıkla aktarılır.

Mounting Options / Montaj Seçenekleri



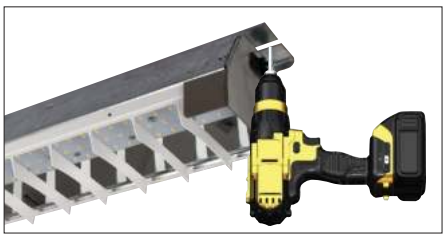
– Suspended mounting option with up to 5mt steel suspended cord option.

– 5mt'ye kadar kullanılabilen çelik sarkıt tel ile sarkıtma montaj seçeneği.



– U lamel accesorie enables Linea Led Industrial to be mounted easily on profiles if necessary.

– U lamel aksesuarı ile Linea Led Indsutrial gerektiğinde profile kolayca monte edilebilir.



– End caps has possibility to be mounted directly on concrete or false ceiling.

– Sonlama kapaklar üzerinde bulunan vida yuvaları sayesinde beton veya alçıpan tavana direkt sıvaüstü monte edilebilir.

Industrial

DIM Options / DIM seçenekleri

		 Industrial	 Industrial	 Industrial	 Neo Industrial	 Neo Industrial
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its INDUSTRIAL linear range that provides easy control and saves time on wiring during installation.

Avolux INDUSTRIAL serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



CRI

Avolux offers both CRI>80 and CRI>90 colour rendering index options in its Industrial linear range.

Avolux Industrial serisi armatürlerinde CRI>80 ve CRI>90 renk seçeneklerini sağlayabilmektedir.



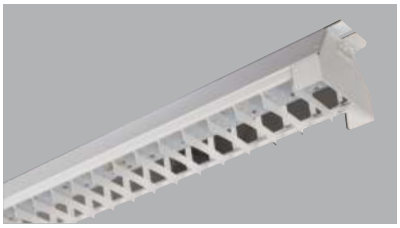
Industrial


FRUKT & GRØNT
FRUKT & GRØNT
LAVPRIS
MELON GALIA
27
LAVPRIS
MELON VANN
17



Industrial





* Code example / Kod örneği:

I02.LL.19202 . 1270 . 050 . 830 . 01

1 2 3 4 5

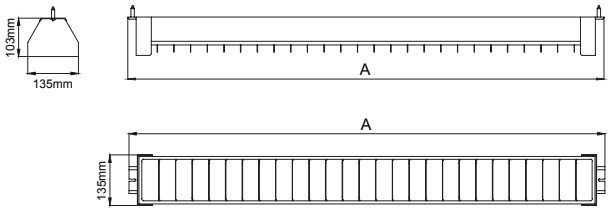
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4 | CRI 80 | CRI 90

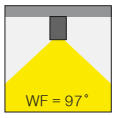
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19202.1270.050.830.01
Family Name / Aile Adı	Industrial
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	135mm
Profile Height / Profil Yüksekliği	103mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>134lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h

Industrial

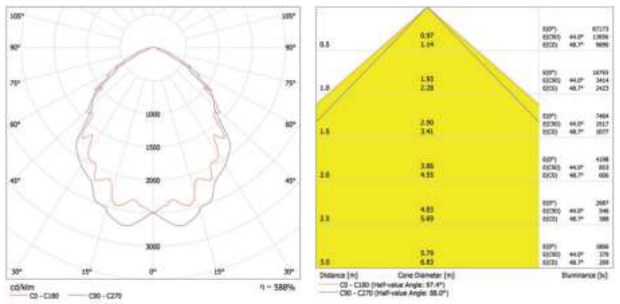
Industrial / I02.LL.19202

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	50W 250mA lm	60W 300mA lm	70W 350mA lm
1270mm	CRI>80	I02.LL.19202.(...).(...).(...).(...)	2700K	6183	7369	8505
			3000K	6381	7604	8777
			3500K	6480	7722	8913
			4000K	6727	8017	9253
			5000K	6826	8135	9389
	CRI>90	I02.LL.19202.(...).(...).(...).(...)	2700K	5193	6189	7144
			3000K	5342	6367	7348
			3500K	5441	6484	7484
			4000K	5639	6720	7756

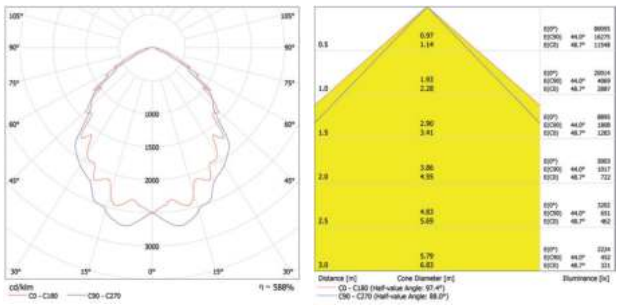
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı		4 CRI / Kelvin				5 Product Color / Ürün Renk		
1270mm	50W	50W (Direct) - 250mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
	60W	60W (Direct) - 300mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
	70W	70W (Direct) - 350mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

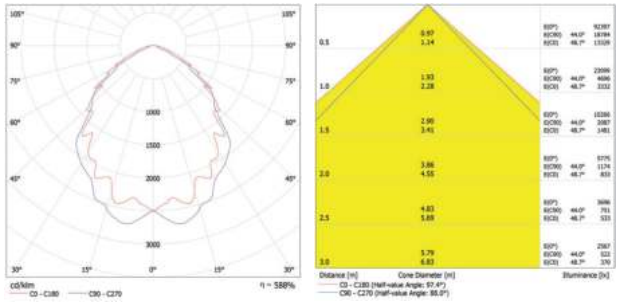
Beam Angle: 97° — 50W / 250mA / SMD LED



Beam Angle: 97° — 60W / 300mA / SMD LED

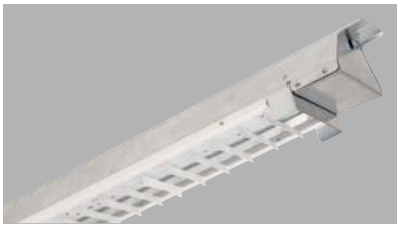


Beam Angle: 97° — 70W / 350mA / SMD LED



Industrial





* Code example / Kod örneği:

I02.LL.19201 . 1457 . 70 . 830 . 01
1 2 3 4 5

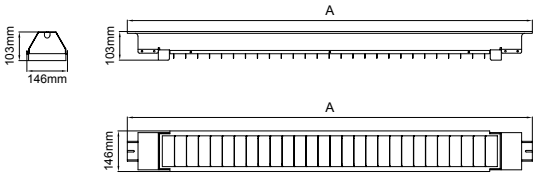
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 5 | CRI 80 CRI 90

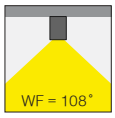
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19201.1457.070.830.01
Family Name / Aile Adı	Industrial
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	146mm
Profile Height / Profil Yüksekliği	103mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>130lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h

Industrial

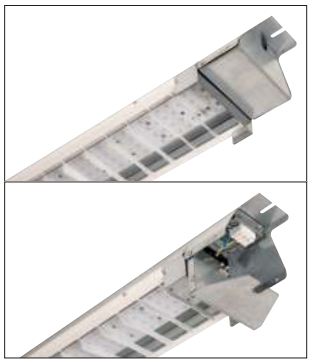
Industrial / I02.LL.19201

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	50W 250mA lm	60W 300mA lm	70W 350mA lm
1457mm	CRI>80	I02.LL.19201 . (...) . (...) . (...) . (...)	2700K	6091	8168	8384
			3000K	6286	8430	8653
			3500K	6383	8560	8787
			4000K	6627	8887	9122
			5000K	6725	9018	9257
	CRI>90	I02.LL.19201 . (...) . (...) . (...) . (...)	2700K	5116	6861	7043
			3000K	5263	7058	7244
			3500K	5360	7188	7378
			4000K	5555	7449	7646

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1457mm	50W 50W (Direct) - 250mA 60W 60W (Direct) - 300mA 70W 70W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
		830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
		835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
		840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
		850	CRI>80 - 5000K				05	dark gray
							06	special color

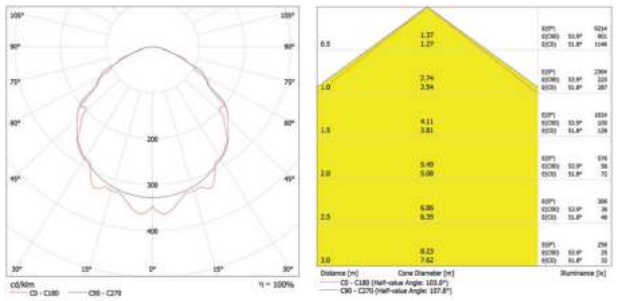
Continious Mounting / Kesintisiz Montaj



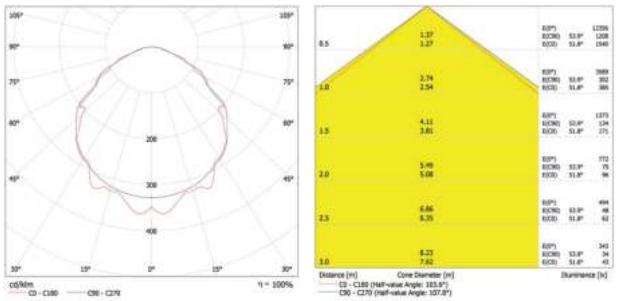
System of the INDUSTRIAL is very easy for installation at site. By opening the end cap without requirement of any tool, luminaire can be opened easily for mains connection. Availability of 5-pole plug and 2.5mm cables provides thru wiring. Mounting holes on both sides ease the surface mounting. Alternatively luminaire can be delivered on track mounting version.

INDUSTRIAL armatürünün saha montajı basittir. Armatürün iki kenarında bulunan ve herhangi bir el aleti gerektirmeden açılan kapaklar sayesinde 220V bağlantısının yapılacağı klemens girişlerine kolayca ulaşılabilir. Armatürün iç mekanizmasında bulunan 5'li basmalı klemens ve 2.5mm atlama kabloları sayesinde kesintisiz aydınlatma hattı oluşturulabilir.

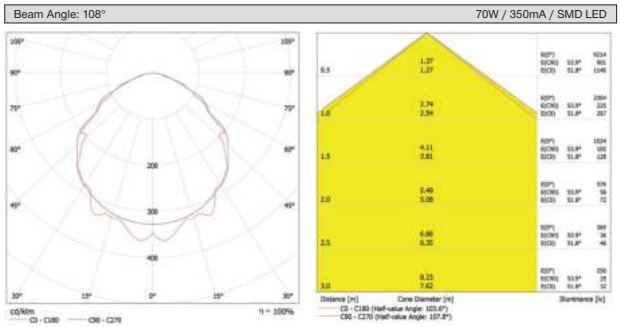
Beam Angle: 108° — 50W / 250mA / SMD LED



Beam Angle: 108° — 60W / 300mA / SMD LED

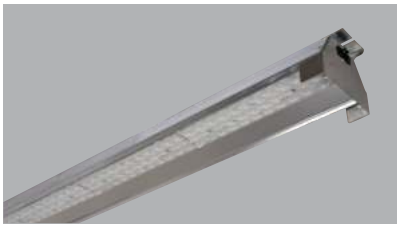


Beam Angle: 108° — 70W / 350mA / SMD LED



Industrial





* Code example / Kod örneği:

I02.LL.19203 . 1450 . 045 . 034 . 830 . 01

1 2 3 4 5 6

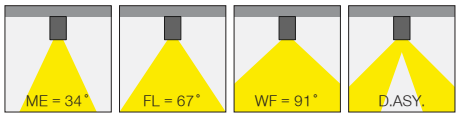
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20 kg 3.7 CRI 80 CRI 90

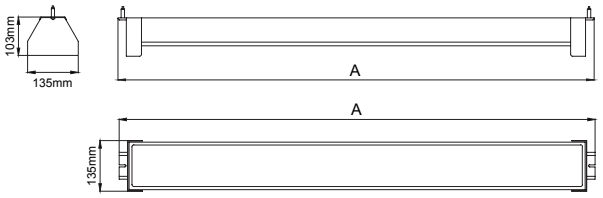
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

4 / Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19203.1450.045.830.01
Family Name / Aile Adı	Industrial
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	135mm
Profile Height / Profil Yüksekliği	103mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>127lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Industrial

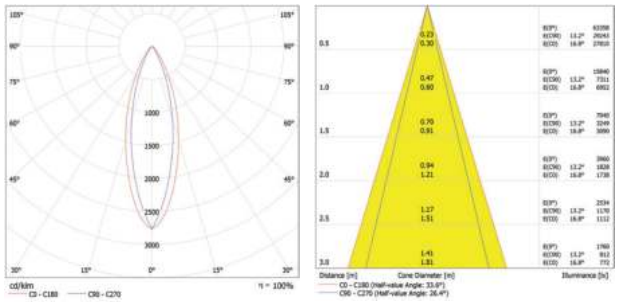
Industrial / I02.LL.19203

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	45W 350mA lm
1450mm	CRI>80	I02.LL.19203 . (...) . (...) . (...) . (...)	2700K	5266
			3000K	5434
			3500K	5518
			4000K	5729
			5000K	5813
	CRI>90	I02.LL.19203 . (...) . (...) . (...) . (...)	2700K	4423
			3000K	4549
			3500K	4634
			4000K	4802

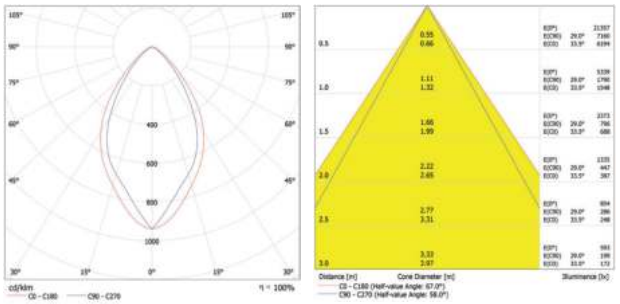
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1450mm	45W	45W (Direct) - 350mA	ME	34° - Medium	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
		FL	67° - Flood	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
		WF	91° - Wide Flood	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
		D.ASY.	Double Asymmetric	840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
				850	CRI>80 - 5000K			05	dark gray
								06	special color

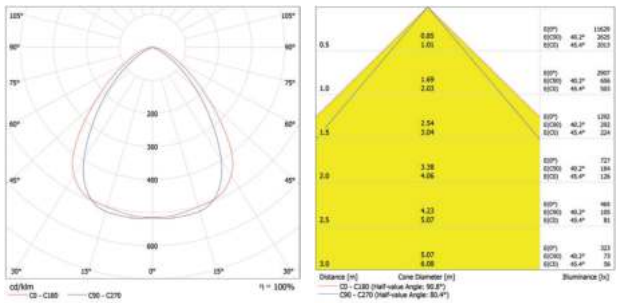
Beam Angle: 34° 45W / 350mA / SMD LED



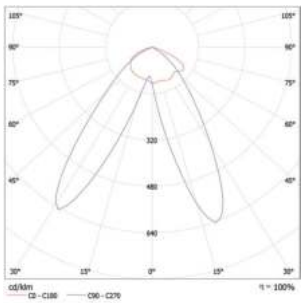
Beam Angle: 67° 45W / 350mA / SMD LED



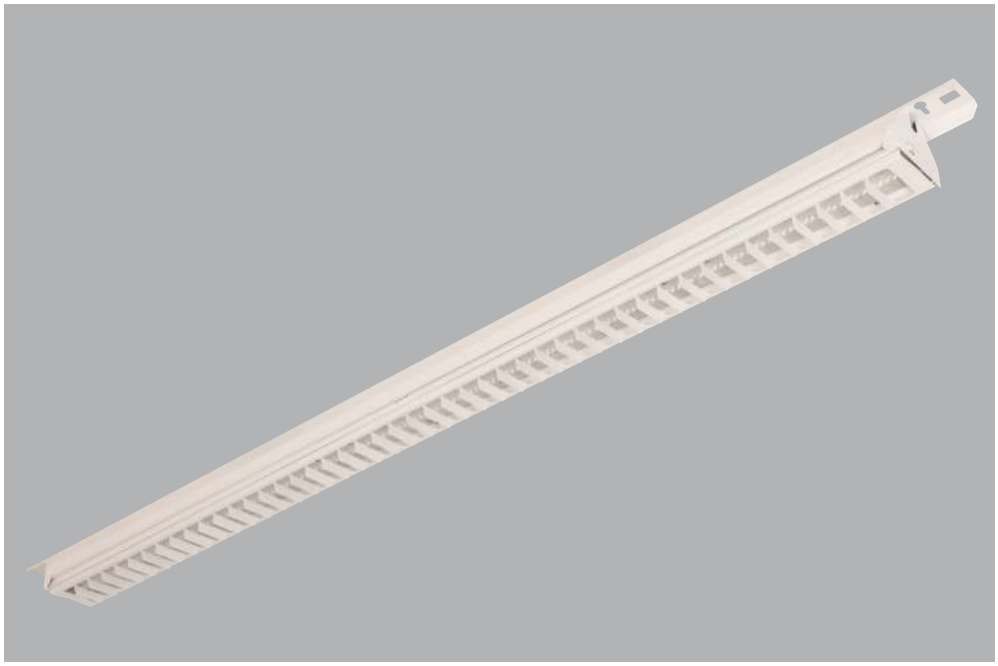
Beam Angle: 91° 45W / 350mA / SMD LED



Beam Angle: Double Asymmetric 45W / 350mA / SMD LED



Neo Industrial





* Code example / Kod örneği:

I02.LL.19213 . 1540 . 072 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20

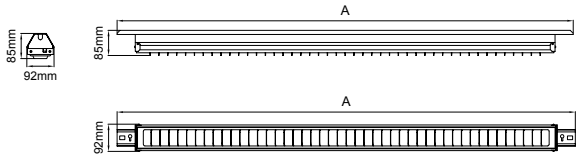
kg 4.6 CRI 80 CRI 90

6 / Product Color / Ürün Renk

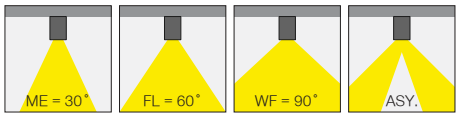


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19213.1540.072.030.830.01
Family Name / Aile Adı	Neo Industrial
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	92mm
Profile Height / Profil Yüksekliği	85mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>158lm/W
CRI	80
Light Distribution Direct / Işık Dağılımı Direkt	Symmetric Medium, Flood, Wide Flood and Asymmetric / Simetrik Orta, Geniş, Çok Geniş ve Asimetrik
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Neo Industrial

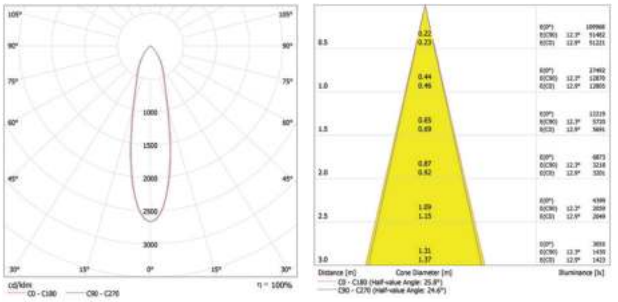
Neo Industrial / I02.LL.19213

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	51W 350mA lm	65W 450mA lm	72W 500mA lm
1540mm	CRI>80	I02.LL.19213 . (...) . (...) . (...) . (...)	2700K	7723	9706	10659
			3000K	7887	9912	10922
			4000K	8216	10326	11378
			5000K	9037	11358	12515

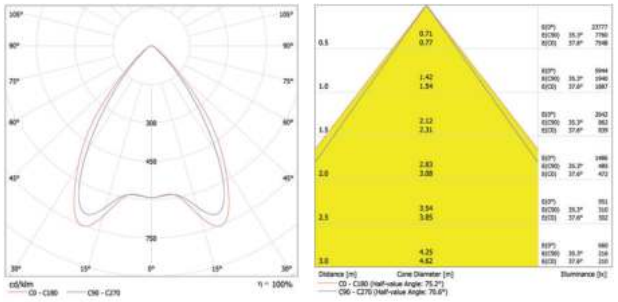
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin		6 Product Color / Ürün Renk
1700mm	51W 51W (Direct) - 350mA 65W 65W (Direct) - 450mA 72W 72W (Direct) - 500mA	ME 30° - Medium FL 60° - Flood WF 90° - Wide Flood ASY. Asymmetric	827 CRI>80 - 2700K 830 CRI>80 - 3000K 835 CRI>80 - 3500K 840 CRI>80 - 4000K 850 CRI>80 - 5000K	927 CRI>90 - 2700K 930 CRI>90 - 3000K 935 CRI>90 - 3500K 940 CRI>90 - 4000K	01 white 02 ral 9010 03 black 04 gray 05 dark gray 06 special color

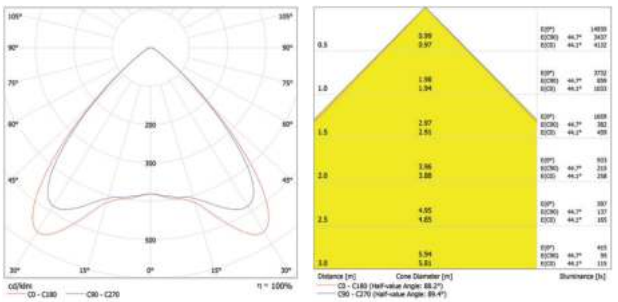
Beam Angle: 30° — 65W / 450mA / SMD LED



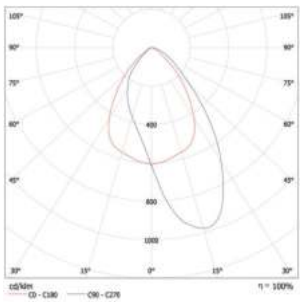
Beam Angle: 60° — 65W / 450mA / SMD LED



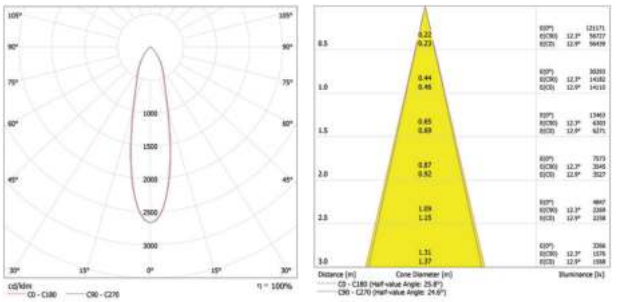
Beam Angle: 90° — 65W / 450mA / SMD LED



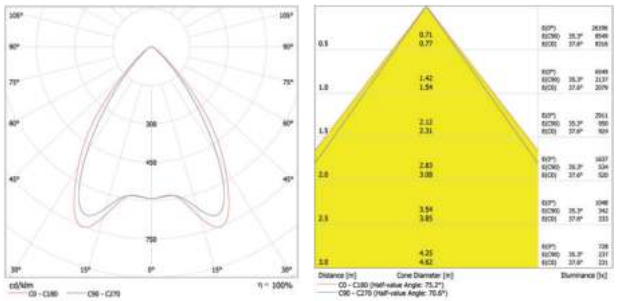
Beam Angle: Single Asymmetric — 65W / 450mA / SMD LED



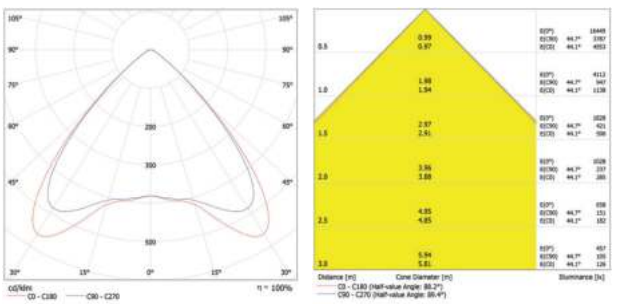
Beam Angle: 30° — 72W / 500mA / SMD LED



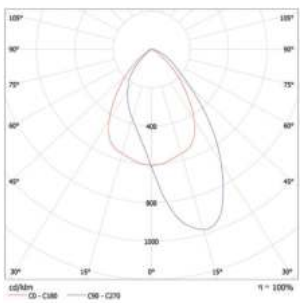
Beam Angle: 60° — 72W / 500mA / SMD LED



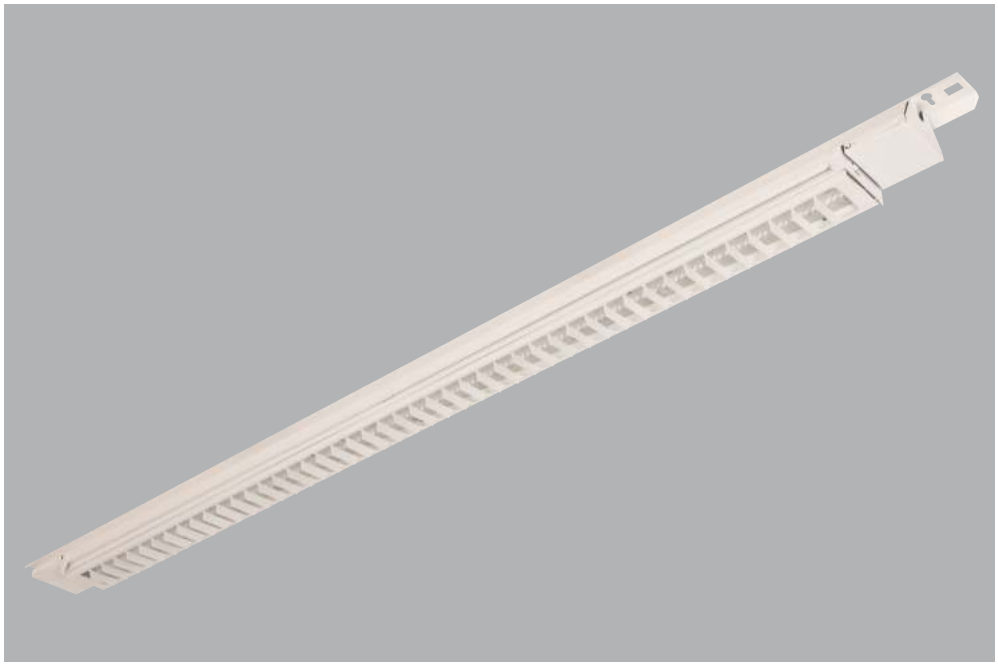
Beam Angle: 30° — 72W / 500mA / SMD LED

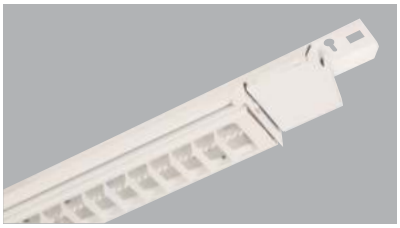


Beam Angle: 60° — 72W / 500mA / SMD LED



Neo Industrial





* Code example / Kod örneği:

I02.LL.19216 . 1700 . 072 . 030 . 830 . 01

1 2 3 4 5 6

1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- Beam Angle / Işık Açısı
5- CRI / Kelvin
6- Colour / Ürün renk
7- Control type / Kontrol tipi

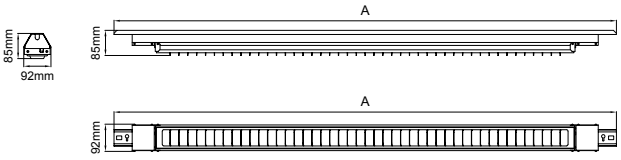
LED A A+ A++ SASO CB LVD CE EAC F IP20

kg 4.6 CRI 80 CRI 90

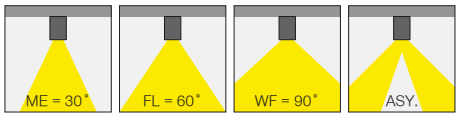
6 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19216.1700.072.030.830.01
Family Name / Aile Adı	Neo Industrial
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	92mm
Profile Height / Profil Yüksekliği	85mm
Installation Type / Kurulum Türü	Surface / Sıvaüstü
Efficiency / Verimlilik	>158lm/W
CRI	80
Light Distribution Direct / Işık Dağılımı Direkt	Symmetric Medium, Flood, Wide Flood and Asymmetric / Simetrik Orta, Geniş, Çok Geniş ve Asimetrik
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Lens Optic / Lens Optik

Neo Industrial

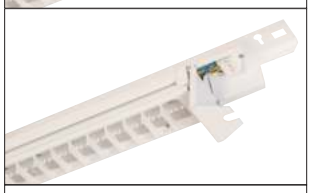
Neo Industrial / I02.LL.19216

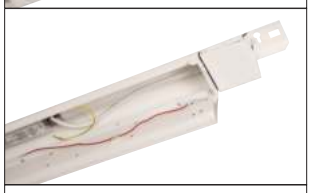
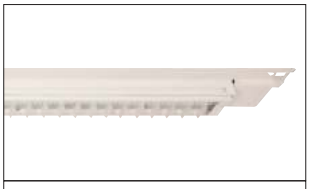
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	51W 350mA lm	65W 450mA lm	72W 500mA lm
1700mm	CRI>80	I02.LL.19216.(...).(...).(...).(...)	2700K	7723	9706	10659
			3000K	7887	9912	10922
			4000K	8216	10326	11378
			5000K	9037	11358	12515

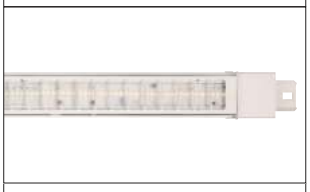
(...) / Complete Code / Komple Kod

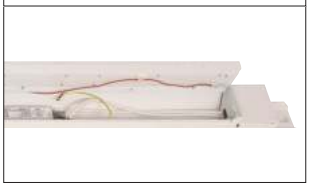
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 Beam Angle / Işık Açısı	5 CRI / Kelvin				6 Product Color / Ürün Renk	
1700mm	51W 51W (Direct) - 350mA 65W 65W (Direct) - 450mA 72W 72W (Direct) - 500mA	ME 30° - Medium FL 60° - Flood WF 90° - Wide Flood ASY. Asymmetric	827 CRI>80 - 2700K 830 CRI>80 - 3000K 835 CRI>80 - 3500K 840 CRI>80 - 4000K 850 CRI>80 - 5000K	927 CRI>90 - 2700K 930 CRI>90 - 3000K 935 CRI>90 - 3500K 940 CRI>90 - 4000K			01 white 02 ral 9010 03 black 04 gray 05 dark gray 06 special color	

Continious Mounting / Kesintisiz Montaj





System of the NEO INDUSTRIAL is very easy for installation at site. By opening the end cap without requirement of any tool, luminaire can be opened easily for mains connection. Availability of 5-pole plug and 2.5mm cables provides thru wiring. Mounting holes on both sides ease the surface mounting. Alternatively luminaire can be delivered on track mounting version.

NEO INDUSTRIAL armatürünün saha montajı basittir. Armatürün iki kenarında bulunan ve herhangi bir el aleti gerektirmeden açılan kapaklar sayesinde 220V bağlantısının yapılacağı klemens girişlerine kolayca ulaşılabilir. Armatürün iç mekanizmasında bulunan 5'li basmalı klemens ve 2.5mm atlama kabloları sayesinde kesintisiz aydınlatma hattı oluşturulabilir.

Maintenance is very easy in Neo Industrial. Without tool opening of main body to access Led driver is possible.

Neo Industrial armatürde bakım çok kolaydır. Herhangi bir el aletine ihtiyaç duymadan ana gövdeyi açarak LED trafosuna ulaşmanız mümkün.

EGE Linea Led

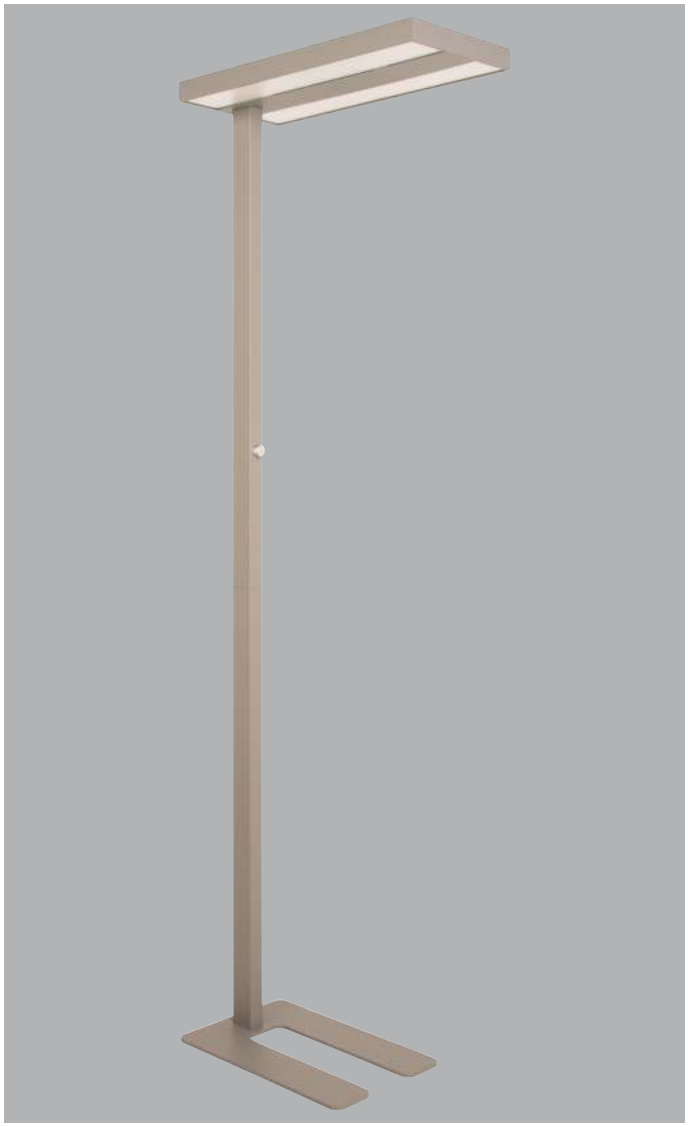




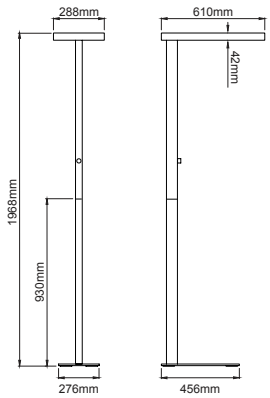
EGE is floor standing luminaire range with on/off, 1-10V knob dim and 1-10V touch dim options. It is an ideal solution for many applications including houses, office lighting, schools, libraries etc. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available.

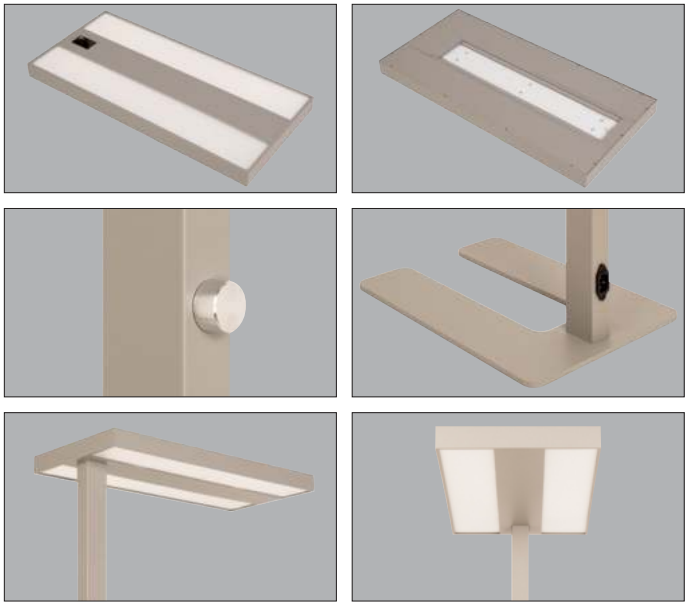
EGE ayaklı yer lambası serisi on/off, 1-10V anahtar dim ve 1-10V touch dim seçenekleri ile ev, ofis, okul, kütüphane vb alanlarda tercih edilir. 2700K, 3000K, 3500K, 4000K ve 5000K seçenekleri mevcuttur.

Ege



Technical Drawing / Teknik Çizim





LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.90205.060.830.01
Family Name / Aile Adı	Ege
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Installation Type / Kurulum Türü	Floor Standing / Ayaklı Yer Lambası
Efficiency / Verimlilik	>130lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Ege

Ege / I02.LL.90205



Watt	CRI	Order Code / Sipariş Kodu	Kelvin	30W lm ↓	30W lm ↑
60W	CRI>80	I02.LL.90205 . (...) . (...) . (...) . (...)	2700K	3675	3675
			3000K	3745	3745
			3500K	3825	3825
			4000K	3900	3900
			5000K	4015	4015
	CRI>90	I02.LL.90205 . (...) . (...) . (...) . (...)	2700K	3420	3420
			3000K	3485	3485
			3500K	3555	3555
			4000K	3625	3625

* Code example / Kod örneği:

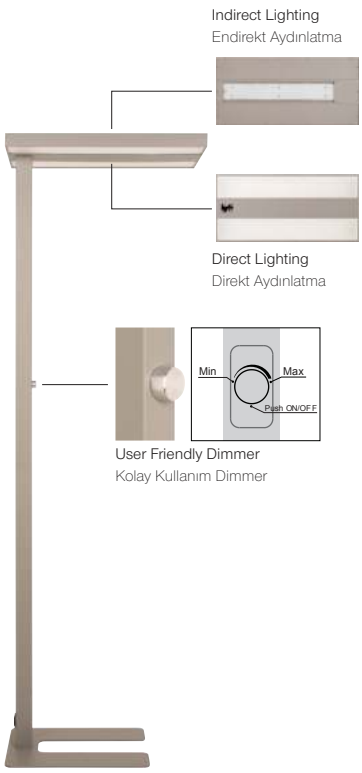
I02.LL.90205 . 060 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

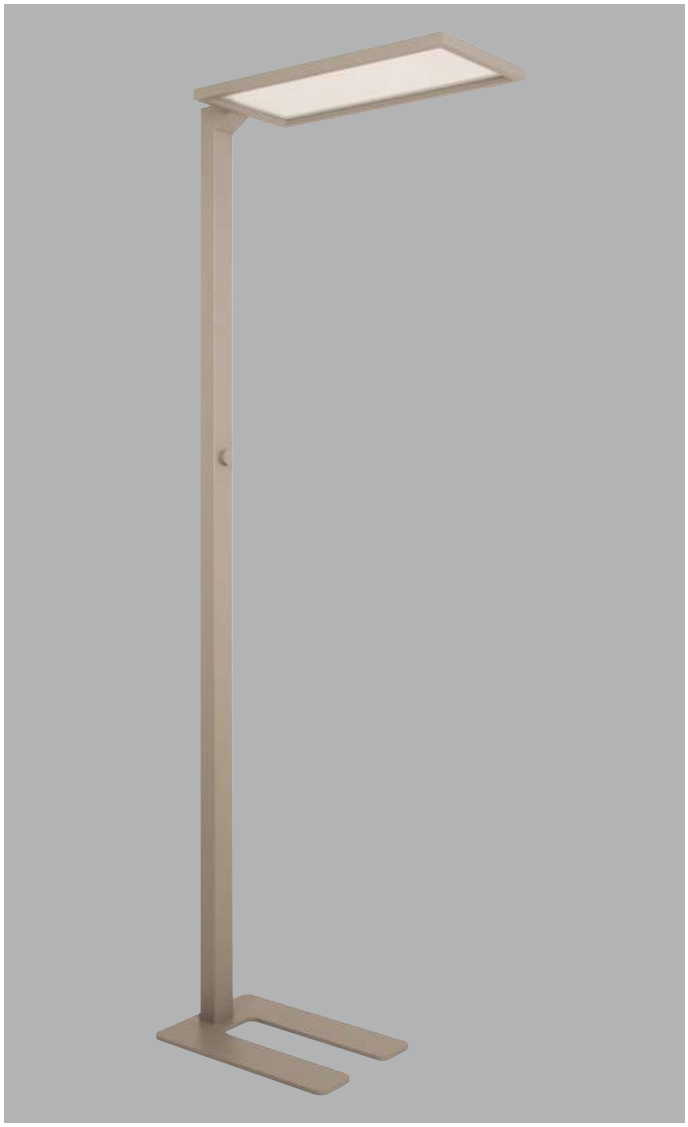
(...) / Complete Code / Komple Kod

2 Watt		Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
60W	30W	30W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
	30W	30W (Indirect)	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

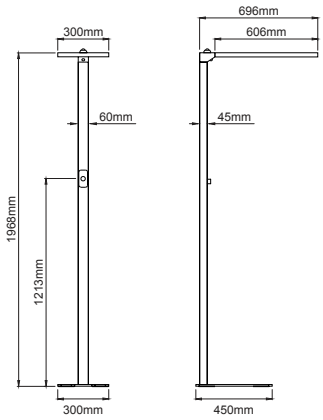


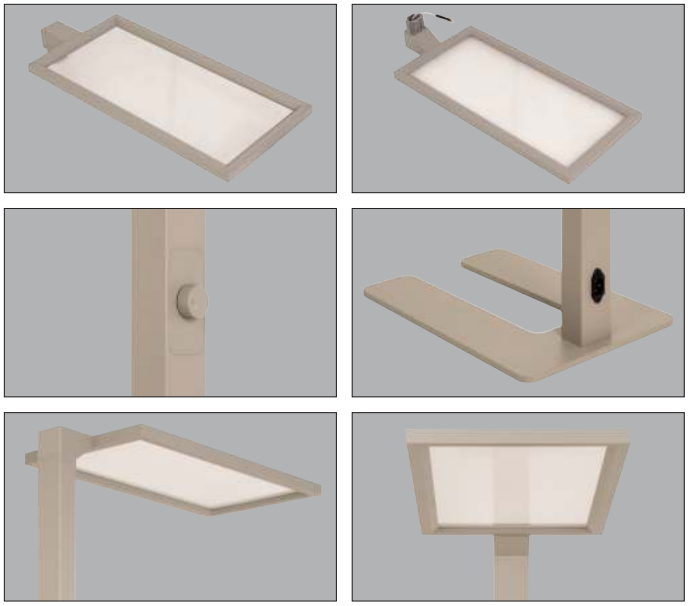


Ege



Technical Drawing / Teknik Çizim





LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.90210.070.830.01
Family Name / Aile Adı	Ege
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Installation Type / Kurulum Türü	Floor Standing / Ayaklı Yer Lambası
Efficiency / Verimlilik	>120lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	LGP Transparent Diffuser / LGP Transparan Pleksi

Ege

Ege / I02.LL.90210



* Code example / Kod örneği:

I02.LL.90210 . 070 . 830 . 01
1 2 3 4

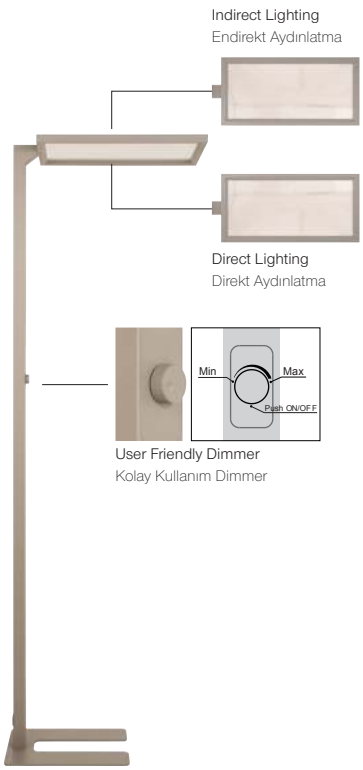
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

Watt	CRI	Order Code / Sipariş Kodu	Kelvin	35W lm ↓	35W lm ↑
70W	CRI>80	I02.LL.90210 . (...) . (...) . (...) . (...)	2700K	3950	3950
			3000K	4035	4035
			3500K	4115	4115
			4000K	4200	4200
			5000K	4325	4325
	CRI>90	I02.LL.90210 . (...) . (...) . (...) . (...)	2700K	3675	3675
			3000K	3750	3750
			3500K	3825	3825
			4000K	3900	3900

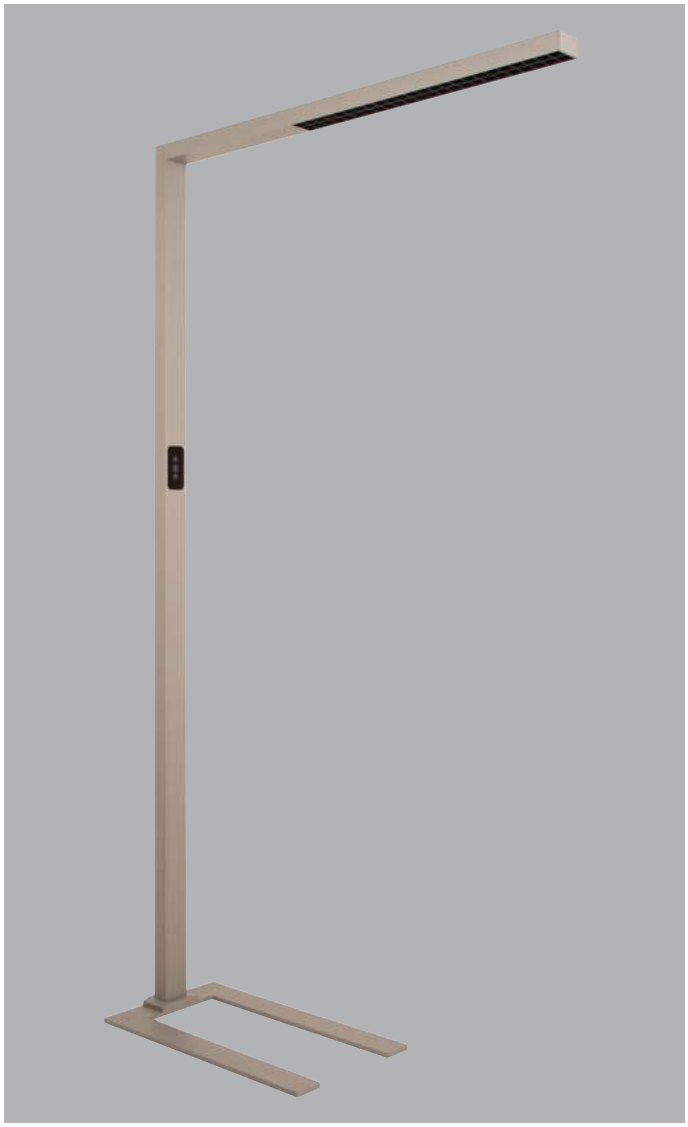
(...) / Complete Code / Komple Kod

2 Watt	Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk	
70W	35W 35W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
	35W 35W (Indirect)	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
		835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
		840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
		850	CRI>80 - 5000K			05	dark gray
						06	special color

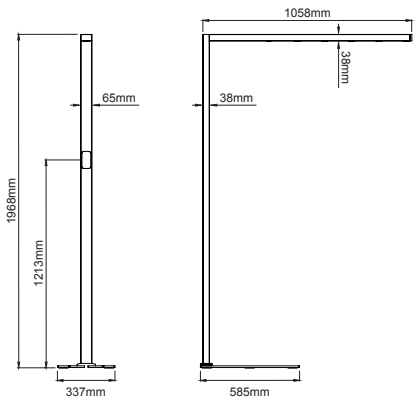




Ege



Technical Drawing / Teknik Çizim





LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

4 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.90215.060.830.01
Family Name / Aile Adı	Ege
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Installation Type / Kurulum Türü	Floor Standing / Ayaklı Yer Lambası
Efficiency / Verimlilik	>130lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Direct side Lens optic Indirect side opal diffuser / Direkt tarafı lens optik endirekt tarafı opal pleksi

Ege

Ege / I02.LL.90215



Watt	CRI	Order Code / Sipariş Kodu	Kelvin	20W lm ↓	40W lm ↑
60W	CRI>80	I02.LL.90215 . (...) . (...) . (...) . (...)	2700K	2160	5175
			3000K	2205	5285
			3500K	2250	5390
			4000K	2300	5500
			5000K	2370	5665
	CRI>90	I02.LL.90215 . (...) . (...) . (...) . (...)	2700K	2010	4810
			3000K	2050	4905
			3500K	2090	5000
			4000K	2135	5100

* Code example / Kod örneği:

I02.LL.90215 . 060 . 830 . 01

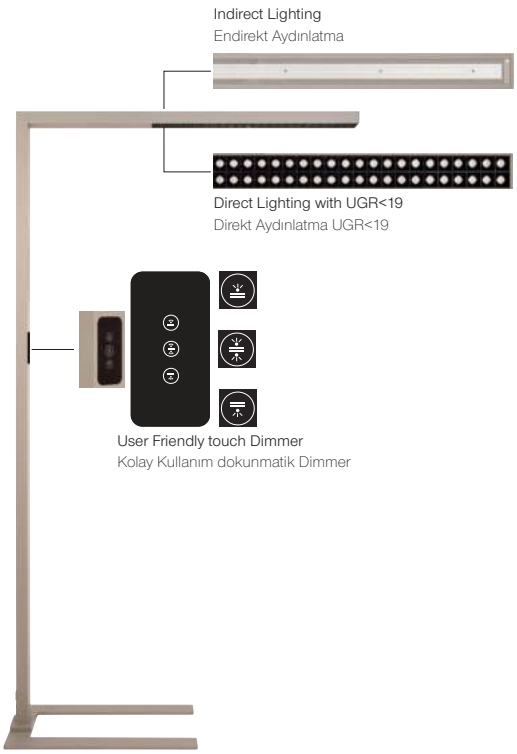
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

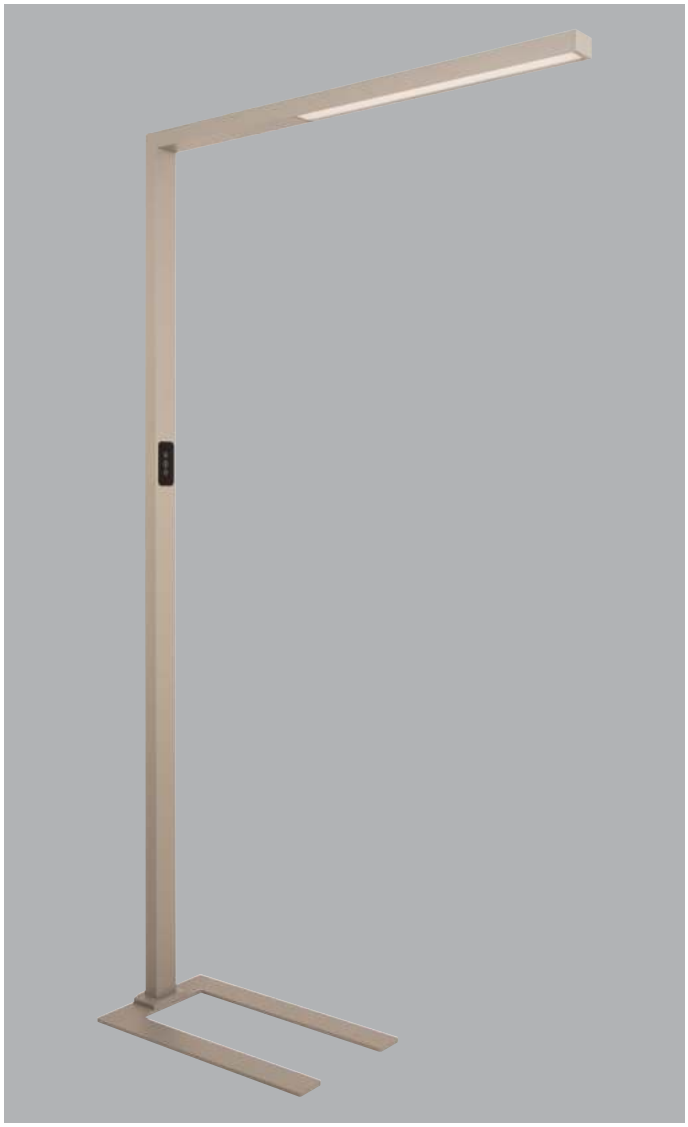
(...) / Complete Code / Komple Kod

2 Watt		Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
60W	20W	20W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
	40W	40W (Indirect)	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

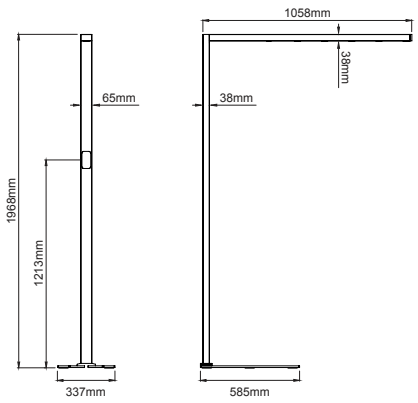




Ege



Technical Drawing / Teknik Çizim





LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

4 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.90220.060.830.01
Family Name / Aile Adı	Ege
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Installation Type / Kurulum Türü	Floor Standing / Ayaklı Yer Lambası
Efficiency / Verimlilik	>130lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Ege

Ege / I02.LL.90220



Watt	CRI	Order Code / Sipariş Kodu	Kelvin	30W lm ↓	30W lm ↑
60W	CRI>80	I02.LL.90220.(...).(...).(...).(...)	2700K	3675	3675
			3000K	3745	3745
			3500K	3825	3825
			4000K	3900	3900
			5000K	4015	4015
	CRI>90	I02.LL.90220.(...).(...).(...).(...)	2700K	3420	3420
			3000K	3485	3485
			3500K	3555	3555
			4000K	3625	3625

* Code example / Kod örneği:

I02.LL.90220 . 060 . 830 . 01

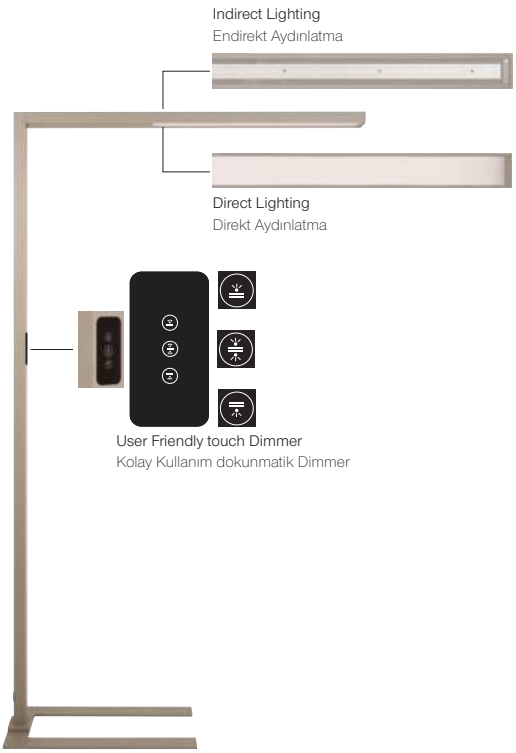
1 2 3 4

1- **Product code** / Armatür kodu
2- **Power** / Güç
3- **CRI** / Kelvin
4- **Colour** / Ürün renk
5- **Control type** / Kontrol tipi

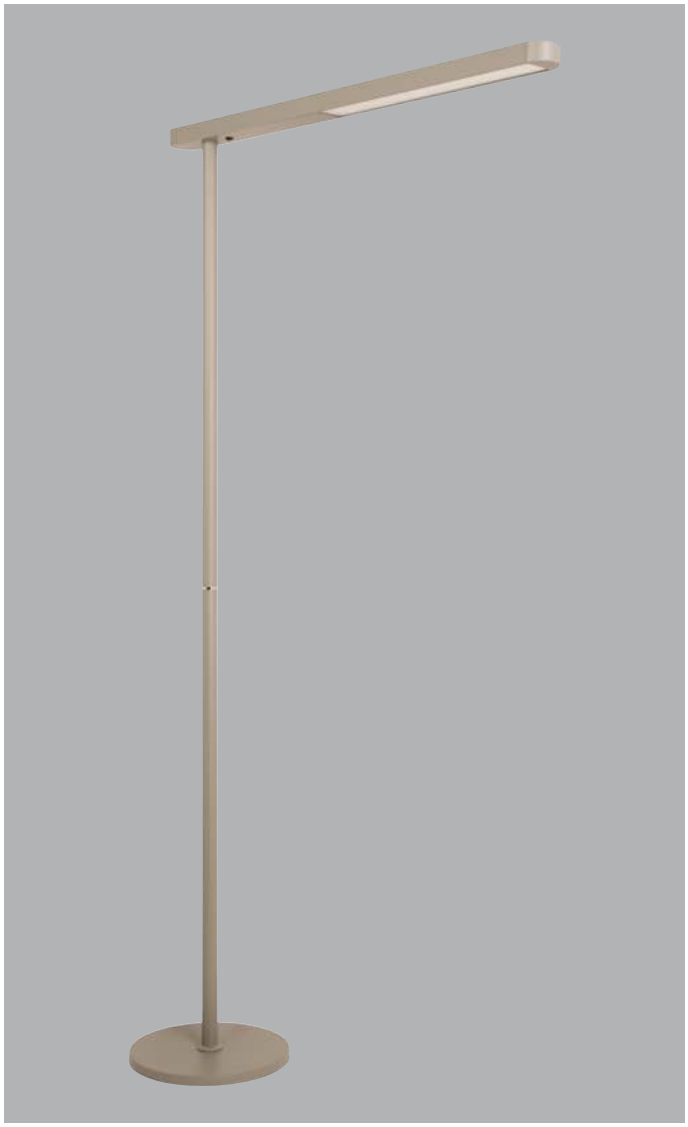
(...) / Complete Code / Komple Kod

2 Watt		Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
60W	30W	30W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
	30W	30W (Indirect)	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

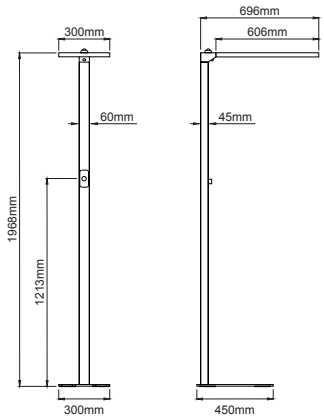




Ege



Technical Drawing / Teknik Çizim





LED A A+ A++ SASO CB LVD CE EAC F IP40 CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.90225.040.830.01
Family Name / Aile Adı	Ege
Material / Malzeme	Aluminium Profile / Aluminyum Profil
Installation Type / Kurulum Türü	Floor Standing / Ayaklı Yer Lambası
Efficiency / Verimlilik	>130lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Ege

Ege / I02.LL.90225



Watt	CRI	Order Code / Sipariş Kodu	Kelvin	16W lm ↓	24W lm ↑
40W	CRI>80	I02.LL.90225 . (...) . (...) . (...) . (...)	2700K	1960	2935
			3000K	2000	2995
			3500K	2040	3060
			4000K	2080	3120
			5000K	2140	3215
	CRI>90	I02.LL.9025 . (...) . (...) . (...) . (...)	2700K	1820	2730
			3000K	1860	2785
			3500K	1895	2840
			4000K	1935	2900

* Code example / Kod örneği:

I02.LL.90225 . 040 . 830 . 01

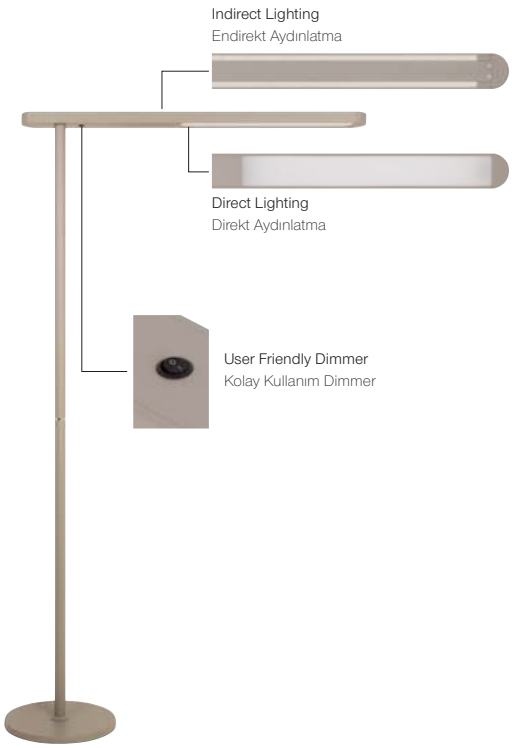
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

(...) / Complete Code / Komple Kod

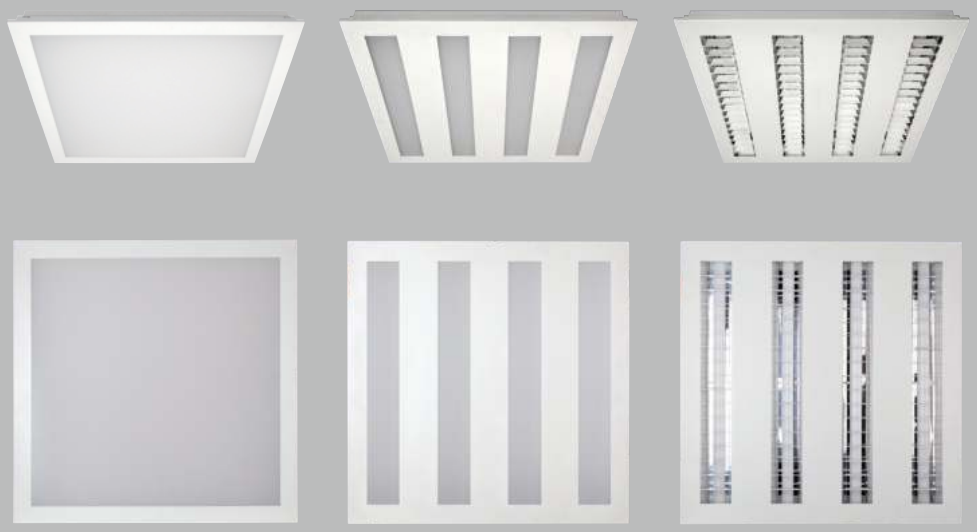
2 Watt	Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk	
40W	16W	16W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01 white
	24W	24W (Indirect)	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02 ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03 black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04 gray
			850	CRI>80 - 5000K			05 dark gray
							06 special color





KARO Linea Led





KARO designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars, false ceilings and clip-in ceiling systems.

Microprism louvre in acrylic (PMMA), white painted metal louvre and aluminium louver options available. SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

KARO ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara, alçıpan tavanalara ve clip-in tavan sistemlerine kolayca uygulanabilir.

Mikroprizmatik akrilik (PMMA) diffüzör, beyaz boyalı metal petekli reflektör ve aluminyum reflektör seçenekleri mevcuttur. Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Karo

DIM Options / DIM seçenekleri

		 Karo	 Karo	 Karo	 Karo	 Karo
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•



Karo







Karo	Karo	Karo	Karo	Karo
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its KARO linear system. Via smart phone or bluetooth panel, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux KARO serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



Xpress





Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its KARO panel range that provides easy control and saves time on wiring during installation.

Avolux KARO serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





Karo





* Code example / Kod örneği:

I02.LL.19720 . 042 . 830 . 01 . V1

1 2 3 4 5

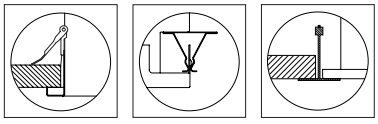
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

kg 3.5

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Gypsum Ceiling	Clip-in Ceiling	Modular Ceiling
Alçı Tavan	Clip-in Tavan	Taşyünü Asma Tavan



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19720.042.830.01.V1
Family Name / Aile Adı	Karo
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Square / Kare
Size / Ölçü	595x595mm
Height / Yükseklik	55mm
Efficiency / Verimlilik	>115lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Karo

Karo / I02.LL.19720

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19720.(...).(...).(...).(...)	2700K	4440
			3000K	4582
			3500K	4653
			4000K	4831
			5000K	4902
	CRI>90	I02.LL.19720.(...).(...).(...).(...)	2700K	3730
			3000K	3836
			3500K	3907
			4000K	4049

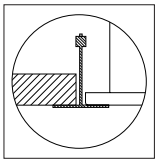
(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

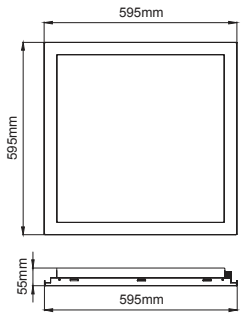
5- Modular Ceiling / Taşyünü Asma Tavan



Ordering Code : I02.LL.19720.V1



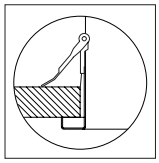
Product Technical Drawing / Ürün Teknik Çizimi



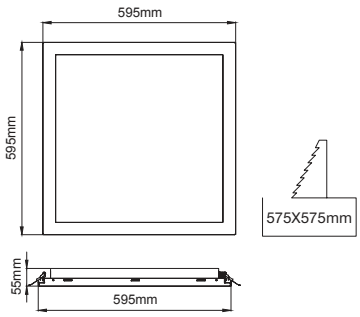
5- Gypsum Ceiling / Alçı Tavan



Ordering Code : I02.LL.19720.V2



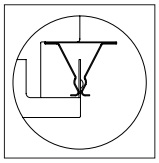
Product Technical Drawing / Ürün Teknik Çizimi



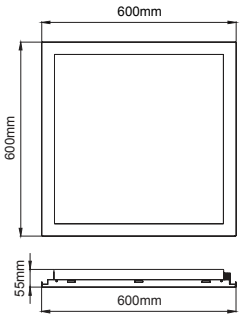
5- Clip-in Ceiling / Clipin Tavan



Ordering Code : I02.LL.19720.V3



Product Technical Drawing / Ürün Teknik Çizimi



Karo

Karo / I02.LL.19725



* Code example / Kod örneği:

I02.LL.19725 . 042 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19725 . (...) . (...) . (...) . (...)	2700K	2775
			3000K	2863
			3500K	2908
			4000K	3019
			5000K	3063
	CRI>90	I02.LL.19725 . (...) . (...) . (...) . (...)	2700K	2330
			3000K	2397
			3500K	2442
			4000K	2530

Karo / I02.LL.19726



* Code example / Kod örneği:

I02.LL.19726 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 700mA lm
595x595mm	CRI>80	I02.LL.19726 . (...) . (...) . (...) . (...)	2700K	1922
			3000K	1983
			3500K	2014
			4000K	2091
			5000K	2121
	CRI>90	I02.LL.19726 . (...) . (...) . (...) . (...)	2700K	1614
			3000K	1660
			3500K	1691
			4000K	1752

Karo / I02.LL.19727



* Code example / Kod örneği:

I02.LL.19727 . 020 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
595x595mm	CRI>80	I02.LL.19727 . (...) . (...) . (...) . (...)	2700K	1258
			3000K	1298
			3500K	1318
			4000K	1369
			5000K	1389
	CRI>90	I02.LL.19727 . (...) . (...) . (...) . (...)	2700K	1057
			3000K	1087
			3500K	1107
			4000K	1147

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin			4	Product Color / Ürün Renk
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
595x595mm	30W	30W (Direct) - 700mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
595x595mm	20W	20W (Direct) - 500mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Karo

5- Modular Ceiling / Taşyünü Asma Tavan



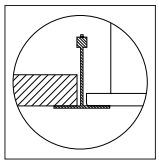
Ordering Code : I02.LL.19725.V1



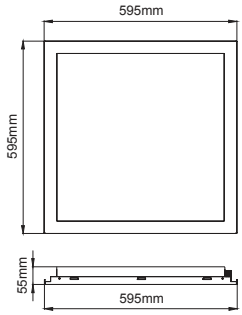
Ordering Code : I02.LL.19726.V1



Ordering Code : I02.LL.19727.V1



Product Technical Drawing / Ürün Teknik Çizimi



5- Gypsum Ceiling / Alçı Tavan



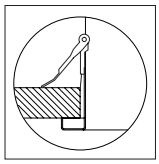
Ordering Code : I02.LL.19725.V2



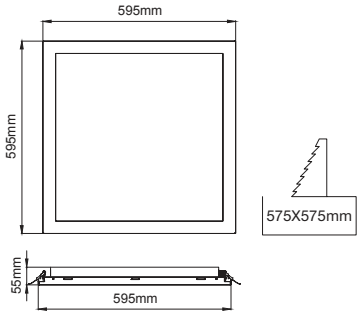
Ordering Code : I02.LL.19726.V2



Ordering Code : I02.LL.19727.V2



Product Technical Drawing / Ürün Teknik Çizimi



5- Clip-in Ceiling / Clipin Tavan



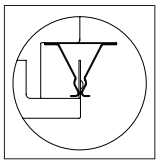
Ordering Code : I02.LL.19725.V3



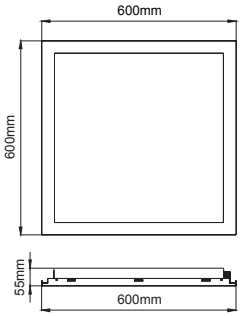
Ordering Code : I02.LL.19726.V3



Ordering Code : I02.LL.19727.V3



Product Technical Drawing / Ürün Teknik Çizimi



Karo

Karo / I02.LL.19730



* Code example / Kod örneği:

I02.LL.19730 . 042 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19730 . (...) . (...) . (...) . (...)	2700K	2587
			3000K	2670
			3500K	2711
			4000K	2815
			5000K	2856
	CRI>90	I02.LL.19730 . (...) . (...) . (...) . (...)	2700K	2175
			3000K	2235
			3500K	2277
			4000K	2359

Karo / I02.LL.19731



* Code example / Kod örneği:

I02.LL.19731 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 700mA lm
595x595mm	CRI>80	I02.LL.19731 . (...) . (...) . (...) . (...)	2700K	1799
			3000K	1857
			3500K	1886
			4000K	1958
			5000K	1986
	CRI>90	I02.LL.19731 . (...) . (...) . (...) . (...)	2700K	1511
			3000K	1555
			3500K	1583
			4000K	1641

Karo / I02.LL.19732



* Code example / Kod örneği:

I02.LL.19732 . 020 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
595x595mm	CRI>80	I02.LL.19732 . (...) . (...) . (...) . (...)	2700K	1176
			3000K	1214
			3500K	1233
			4000K	1280
			5000K	1298
	CRI>90	I02.LL.19732 . (...) . (...) . (...) . (...)	2700K	988
			3000K	1016
			3500K	1035
			4000K	1073

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin			4	Product Color / Ürün Renk	
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
595x595mm	30W	30W (Direct) - 700mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
595x595mm	20W	20W (Direct) - 500mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

Karo

5- Modular Ceiling / Taşyünü Asma Tavan



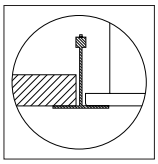
Ordering Code : I02.LL.19730.V1



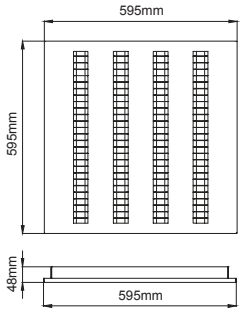
Ordering Code : I02.LL.19731.V1



Ordering Code : I02.LL.19732.V1



Product Technical Drawing / Ürün Teknik Çizimi



5- Gypsum Ceiling / Alçı Tavan



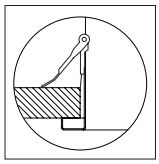
Ordering Code : I02.LL.19730.V2



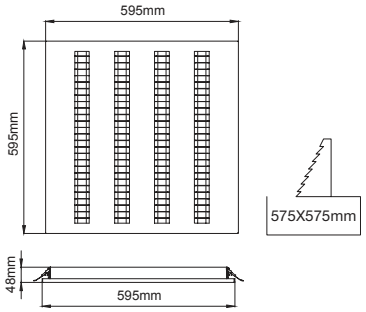
Ordering Code : I02.LL.19731.V2



Ordering Code : I02.LL.19732.V2



Product Technical Drawing / Ürün Teknik Çizimi



5- Clip-in Ceiling / Clipin Tavan



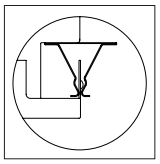
Ordering Code : I02.LL.19730.V3



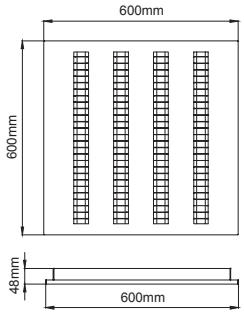
Ordering Code : I02.LL.19731.V3



Ordering Code : I02.LL.19732.V3



Product Technical Drawing / Ürün Teknik Çizimi



Karo

Karo / I02.LL.19770



* Code example / Kod örneği:

I02.LL.19770 . 042 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19770 . (...) . (...) . (...) . (...)	2700K	2717
			3000K	2804
			3500K	2847
			4000K	2956
			5000K	2999
	CRI>90	I02.LL.19770 . (...) . (...) . (...) . (...)	2700K	2282
			3000K	2347
			3500K	2391
			4000K	2478

Karo / I02.LL.19771



* Code example / Kod örneği:

I02.LL.19771 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 700mA lm
595x595mm	CRI>80	I02.LL.19771 . (...) . (...) . (...) . (...)	2700K	1889
			3000K	1950
			3500K	1980
			4000K	2056
			5000K	2086
	CRI>90	I02.LL.19771 . (...) . (...) . (...) . (...)	2700K	1587
			3000K	1632
			3500K	1663
			4000K	1723

Karo / I02.LL.19772



* Code example / Kod örneği:

I02.LL.19772 . 020 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
595x595mm	CRI>80	I02.LL.19772 . (...) . (...) . (...) . (...)	2700K	1235
			3000K	1274
			3500K	1294
			4000K	1344
			5000K	1363
	CRI>90	I02.LL.19772 . (...) . (...) . (...) . (...)	2700K	1037
			3000K	1067
			3500K	1087
			4000K	1126

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin			4	Product Color / Ürün Renk	
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
595x595mm	30W	30W (Direct) - 700mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
595x595mm	20W	20W (Direct) - 500mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Karo

5- Modular Ceiling / Taşyünü Asma Tavan



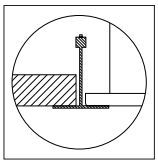
Ordering Code : I02.LL.19770.V1



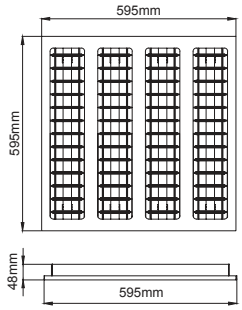
Ordering Code : I02.LL.19771.V1



Ordering Code : I02.LL.19772.V1



Product Technical Drawing / Ürün Teknik Çizimi



5- Gypsum Ceiling / Alçı Tavan



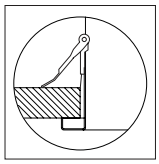
Ordering Code : I02.LL.19770.V2



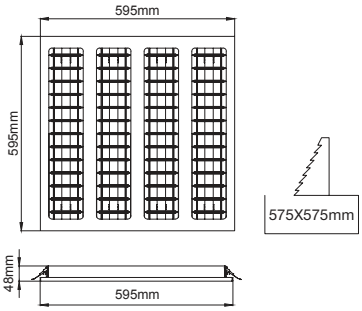
Ordering Code : I02.LL.19771.V2



Ordering Code : I02.LL.19772.V2



Product Technical Drawing / Ürün Teknik Çizimi



5- Clip-in Ceiling / Clipin Tavan



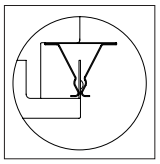
Ordering Code : I02.LL.19770.V3



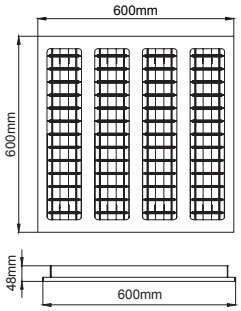
Ordering Code : I02.LL.19771.V3



Ordering Code : I02.LL.19772.V3



Product Technical Drawing / Ürün Teknik Çizimi

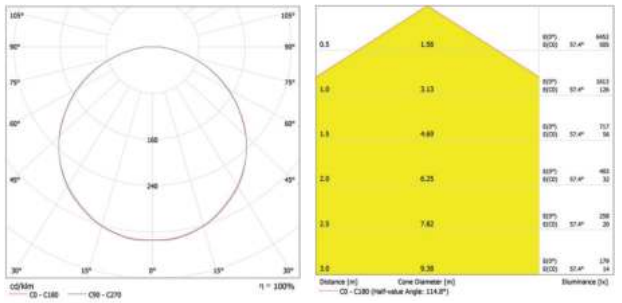


LDT Files / LDT Dataları



I02.LL.19720

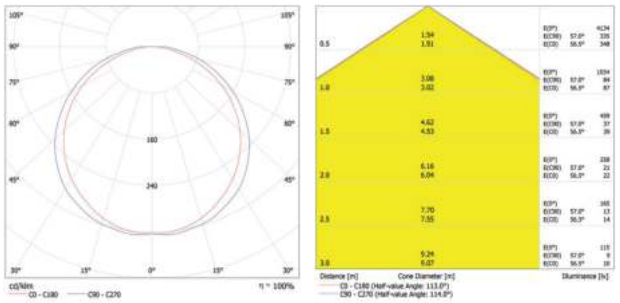
Beam Angle: 115° | 42W / 1050mA / SMD LED





I02.LL.19725

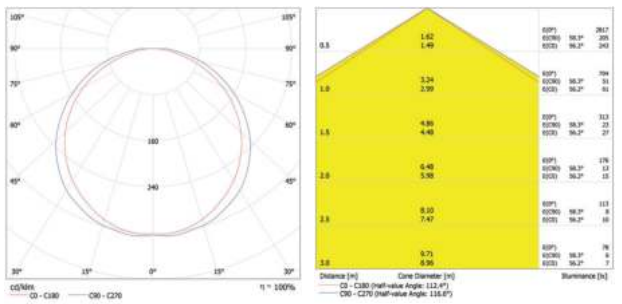
Beam Angle: 114° | 42W / 1050mA / SMD LED





I02.LL.19726

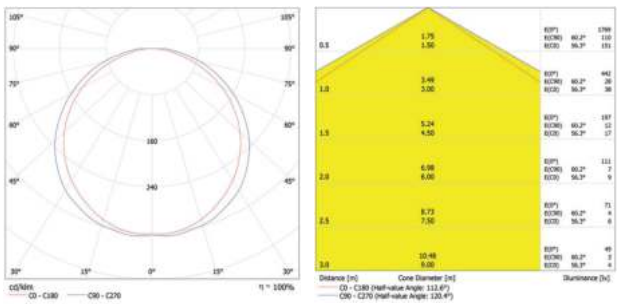
Beam Angle: 117° | 30W / 700mA / SMD LED





I02.LL.19727

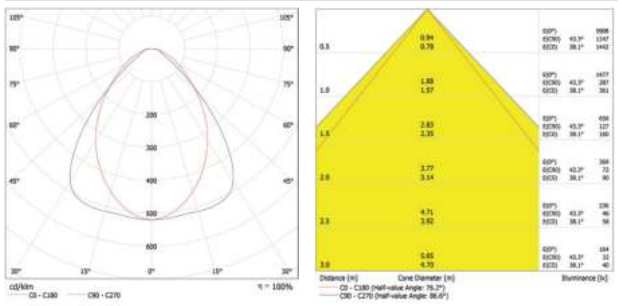
Beam Angle: 120° | 20W / 500mA / SMD LED





I02.LL.19730

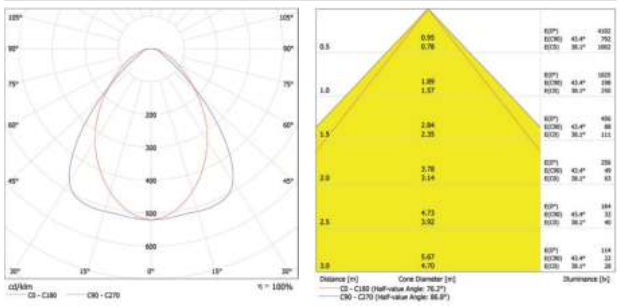
Beam Angle: 87° | 42W / 1050mA / SMD LED





I02.LL.19731

Beam Angle: 87° | 30W / 700mA / SMD LED

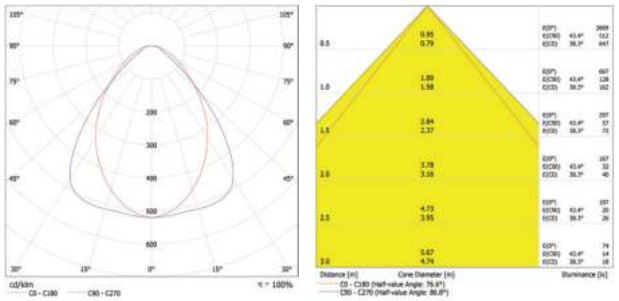


LDT Files / LDT Dataları



I02.LL.19732

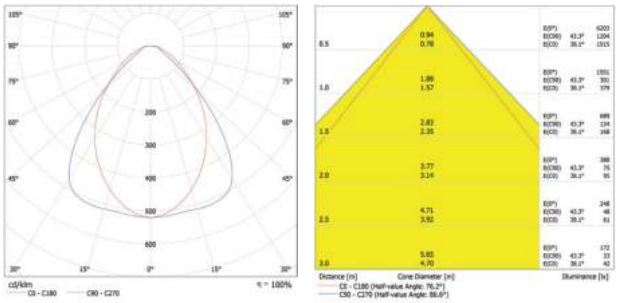
Beam Angle: 87° | 20W / 500mA / SMD LED





I02.LL.19770

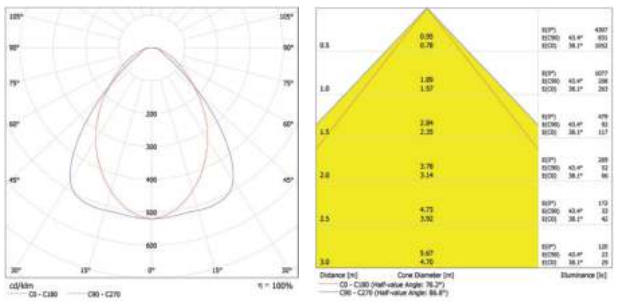
Beam Angle: 87° | 42W / 1050mA / SMD LED





I02.LL.19771

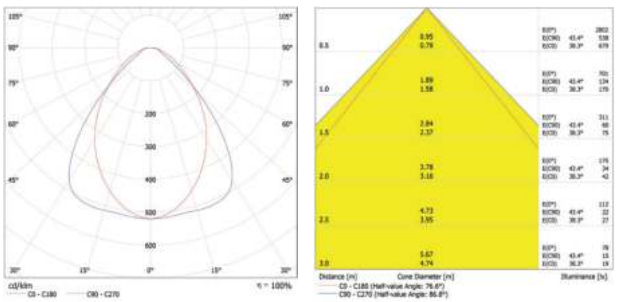
Beam Angle: 87° | 30W / 700mA / SMD LED



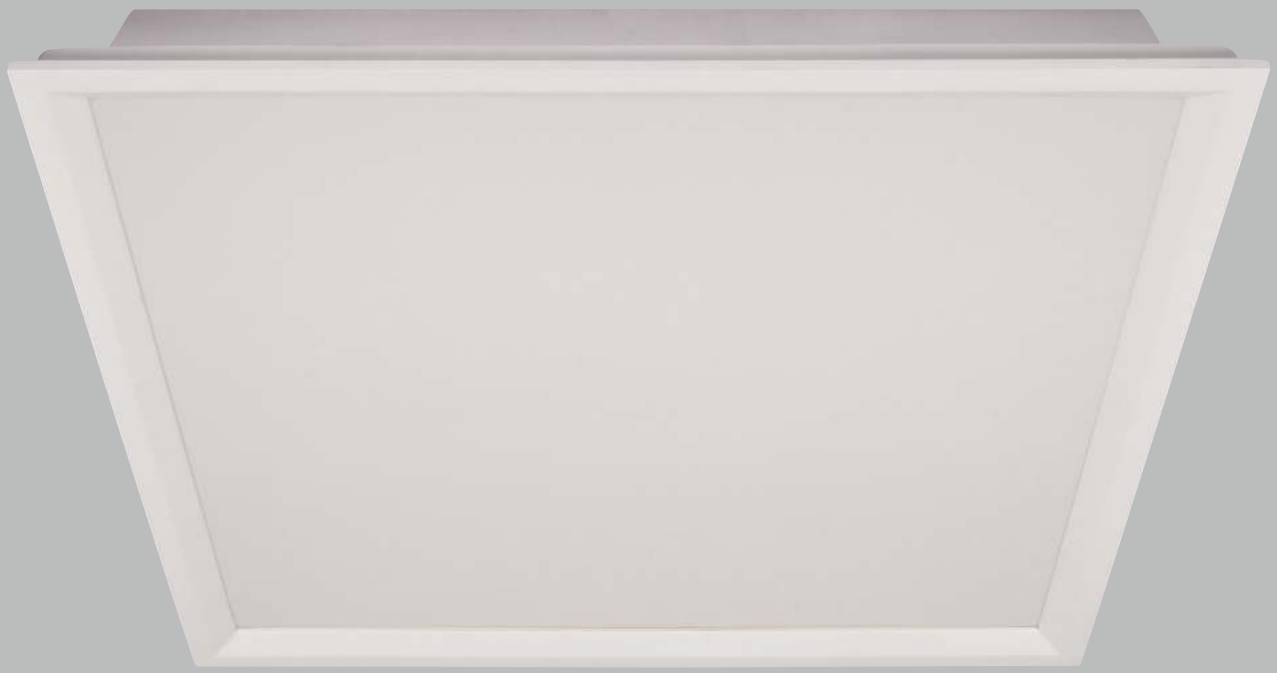


I02.LL.19772

Beam Angle: 87° | 20W / 500mA / SMD LED



KUPA Linea Led





KUPA designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars, false ceilings and clip-in ceiling systems.

Microprism louvre in acrylic (PMMA) and white painted metal louvre options available. SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

Complete polycarbonate body form enables this fitting to be very light. Non-smooth frame structure differentiates this range from other classical flat surface panel fittings. By optionally including silicon seal, IP rating can be increased from 44 to 54.

KUPA ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara, alçıpan tavanalara ve clip-in tavan sistemlerine kolayca uygulanabilir.

Mikroprizmatik akrilik (PMMA) diffüzör ve beyaz boyalı metal petekli reflektör seçenekleri mevcuttur. Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Gövdenin komple polikarbon malzemeden olması sayesinde ürün çok hafiftir. Girintili çerçeve yapısı sayesinde klasik düz çerçeveli panel armatürlerden ayrılır. Opsiyonel olarak silikon conta ilavesi ile ürünün IP44 olan koruma sınıfını IP54'e yükseltmek mümkündür.

Kupa

DIM Options / DIM seçenekleri

		 Kupa	 Kupa	 Kupa	 Kupa	 Kupa
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•



Kupa





Kupa	Kupa
•	•
•	•
•	•
•	•
•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its KUPA panel system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux KUPA serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



Xpress





Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its KUPA panel range that provides easy control and saves time on wiring during installation.

Avolux KUPA serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.



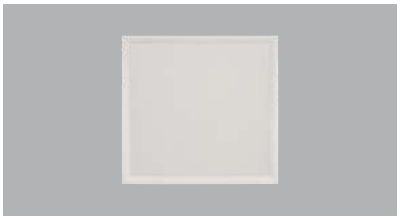






Kupa





* Code example / Kod örneği:

I02.LL.19740 . 042 . 830 . 01 . V1

1 2 3 4 5

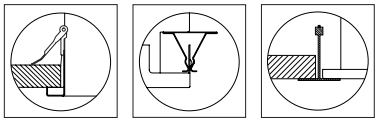
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

kg 2.4

4 / Product Color / Ürün Renk



Gypsum Ceiling	Clip-in Ceiling	Modular Ceiling
Alçı Tavan	Clip-in Tavan	Taşyünü Asma Tavan



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19740.042.830.01.V1
Family Name / Aile Adı	Kupa
Material / Malzeme	Polycarbonate Body / Polikarbon Gövde
Form / Biçim	Square / Kare
Size / Ölçü	595x595mm
Height / Yükseklik	55mm
Efficiency / Verimlilik	>115lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	44
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi
Alternative Diffuser UGR<19	Microprismatic / Mikroprizmatik

Kupa

Kupa / I02.LL.19740

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19740.(...).(...).(...).(...)	2700K	4444
			3000K	4586
			3500K	4657
			4000K	4835
			5000K	4906
	CRI>90	I02.LL.19740.(...).(...).(...).(...)	2700K	3733
			3000K	3839
			3500K	3911
			4000K	4053

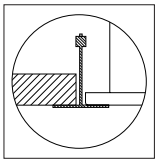
(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

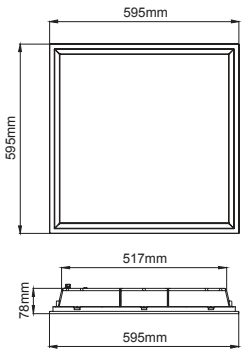
5- Modular Ceiling / Taşyünü Asma Tavan



Ordering Code : I02.LL.19740.V1



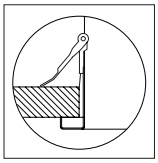
Product Technical Drawing / Ürün Teknik Çizimi



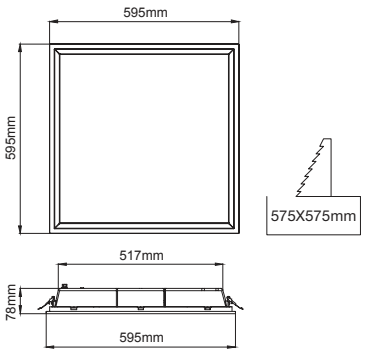
5- Gypsum Ceiling / Alçı Tavan



Ordering Code : I02.LL.19740.V2



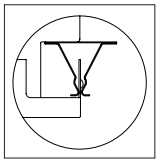
Product Technical Drawing / Ürün Teknik Çizimi



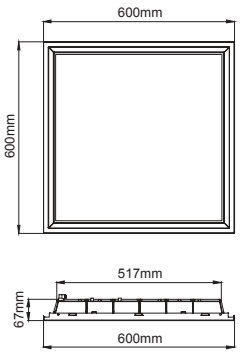
5- Clip-in Ceiling / Clipin Tavan



Ordering Code : I02.LL.19740.V3



Product Technical Drawing / Ürün Teknik Çizimi



Kupa

Kupa / I02.LL.19745



* Code example / Kod örneği:

I02.LL.19745 . 042 . 830 . 01 . V1

1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19745 . (...) . (...) . (...) . (...)	2700K	2767
			3000K	2856
			3500K	2900
			4000K	3011
			5000K	3055
	CRI>90	I02.LL.19745 . (...) . (...) . (...) . (...)	2700K	2324
			3000K	2391
			3500K	2435
			4000K	2524

Kupa / I02.LL.19746



* Code example / Kod örneği:

I02.LL.19746 . 030 . 830 . 01 . V1

1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 700mA lm
595x595mm	CRI>80	I02.LL.19746 . (...) . (...) . (...) . (...)	2700K	1923
			3000K	1985
			3500K	2016
			4000K	2093
			5000K	2123
	CRI>90	I02.LL.19746 . (...) . (...) . (...) . (...)	2700K	1616
			3000K	1662
			3500K	1693
			4000K	1754

Kupa / I02.LL.19747



* Code example / Kod örneği:

I02.LL.19747 . 020 . 830 . 01 . V1

1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
595x595mm	CRI>80	I02.LL.19747 . (...) . (...) . (...) . (...)	2700K	1258
			3000K	1298
			3500K	1318
			4000K	1369
			5000K	1389
	CRI>90	I02.LL.19747 . (...) . (...) . (...) . (...)	2700K	1057
			3000K	1087
			3500K	1107
			4000K	1147

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin			4	Product Color / Ürün Renk	
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
595x595mm	30W	30W (Direct) - 700mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
595x595mm	20W	20W (Direct) - 500mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

Kupa

5- Modular Ceiling / Taşyünü Asma Tavan



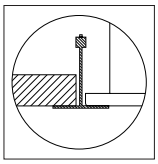
Ordering Code : I02.LL.19745.V1



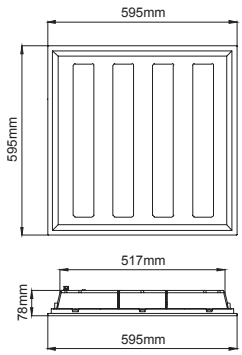
Ordering Code : I02.LL.19746.V1



Ordering Code : I02.LL.19747.V1



Product Technical Drawing / Ürün Teknik Çizimi



5- Gypsum Ceiling / Alçı Tavan



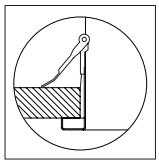
Ordering Code : I02.LL.19745.V2



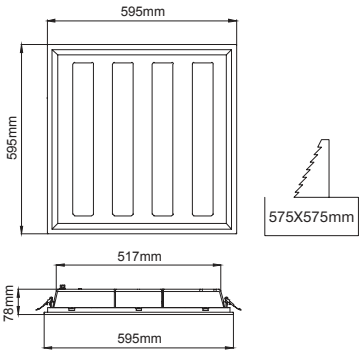
Ordering Code : I02.LL.19746.V2



Ordering Code : I02.LL.19747.V2



Product Technical Drawing / Ürün Teknik Çizimi



5- Clip-in Ceiling / Clipin Tavan



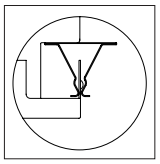
Ordering Code : I02.LL.19745.V3



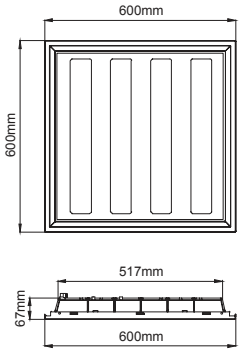
Ordering Code : I02.LL.19746.V3



Ordering Code : I02.LL.19747.V3



Product Technical Drawing / Ürün Teknik Çizimi



Kupa

Kupa / I02.LL.19750



* Code example / Kod örneği:

I02.LL.19750 . 042 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19750 . (...) . (...) . (...) . (...)	2700K	2586
			3000K	2669
			3500K	2710
			4000K	2814
			5000K	2855
	CRI>90	I02.LL.19750 . (...) . (...) . (...) . (...)	2700K	2172
			3000K	2234
			3500K	2276
			4000K	2358

Kupa / I02.LL.19751



* Code example / Kod örneği:

I02.LL.19751 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 700mA lm
595x595mm	CRI>80	I02.LL.19751 . (...) . (...) . (...) . (...)	2700K	1797
			3000K	1855
			3500K	1889
			4000K	1956
			5000K	1984
	CRI>90	I02.LL.19751 . (...) . (...) . (...) . (...)	2700K	1510
			3000K	1553
			3500K	1582
			4000K	1639

Kupa / I02.LL.19752



* Code example / Kod örneği:

I02.LL.19752 . 020 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
595x595mm	CRI>80	I02.LL.19752 . (...) . (...) . (...) . (...)	2700K	1176
			3000K	1214
			3500K	1233
			4000K	1280
			5000K	1298
	CRI>90	I02.LL.19752 . (...) . (...) . (...) . (...)	2700K	988
			3000K	1016
			3500K	1035
			4000K	1073

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin			4	Product Color / Ürün Renk	
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
595x595mm	30W	30W (Direct) - 700mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
595x595mm	20W	20W (Direct) - 500mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K				05	dark gray
								06	special color

Kupa

5- Modular Ceiling / Taşyünü Asma Tavan



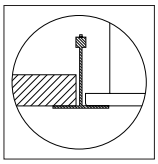
Ordering Code : I02.LL.19750.V1



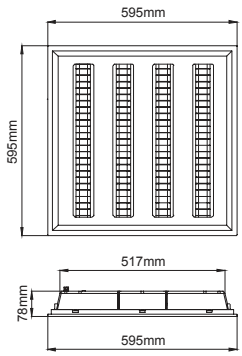
Ordering Code : I02.LL.19751.V1



Ordering Code : I02.LL.19752.V1



Product Technical Drawing / Ürün Teknik Çizimi



5- Gypsum Ceiling / Alçı Tavan



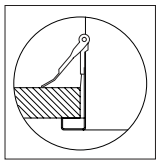
Ordering Code : I02.LL.19750.V2



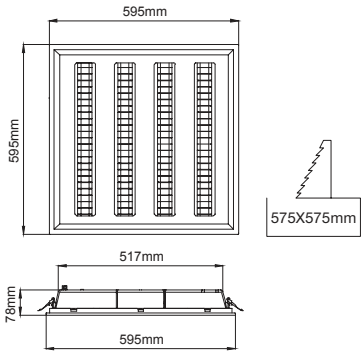
Ordering Code : I02.LL.19751.V2



Ordering Code : I02.LL.19752.V2



Product Technical Drawing / Ürün Teknik Çizimi



5- Clip-in Ceiling / Clipin Tavan



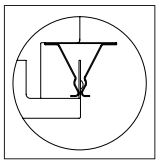
Ordering Code : I02.LL.19750.V3



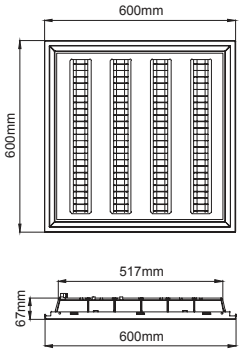
Ordering Code : I02.LL.19751.V3



Ordering Code : I02.LL.19752.V3



Product Technical Drawing / Ürün Teknik Çizimi

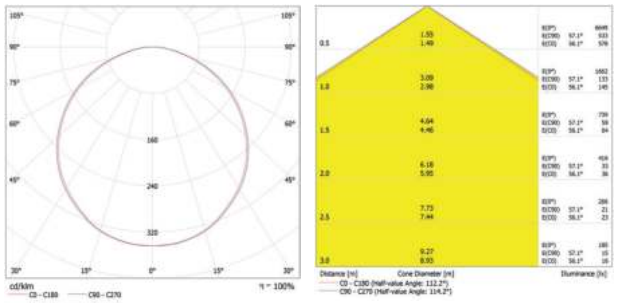


LDT Files / LDT Dataları



I02.LL.19740

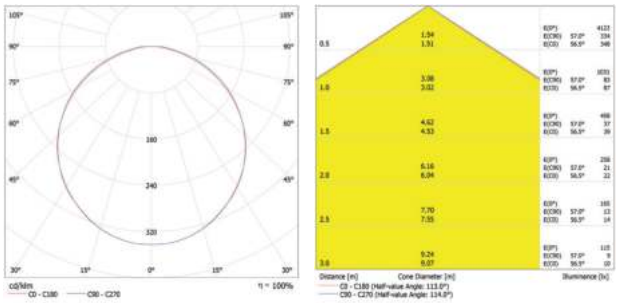
Beam Angle: 114° | 42W / 1050mA / SMD LED





I02.LL.19745

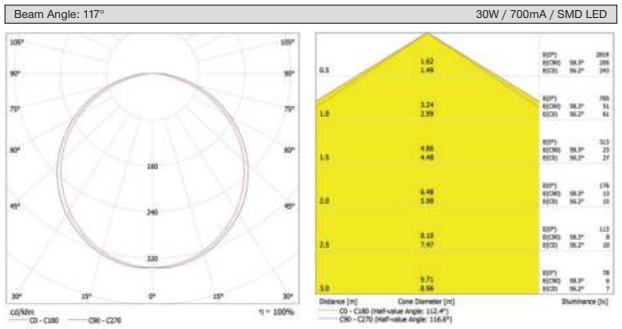
Beam Angle: 114° | 42W / 1050mA / SMD LED





I02.LL.19746

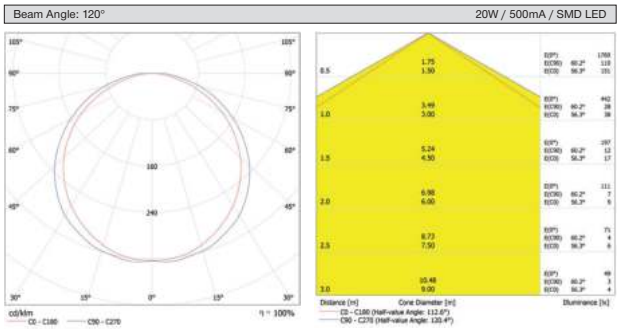
Beam Angle: 117° | 30W / 700mA / SMD LED





I02.LL.19747

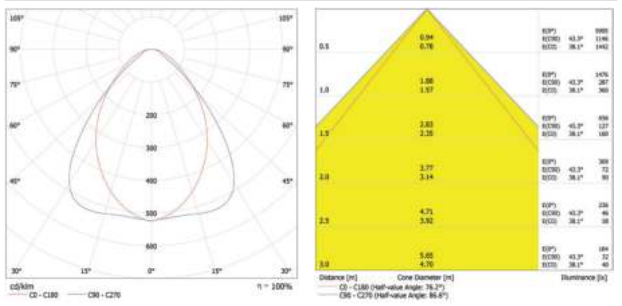
Beam Angle: 120° | 20W / 500mA / SMD LED





I02.LL.19750

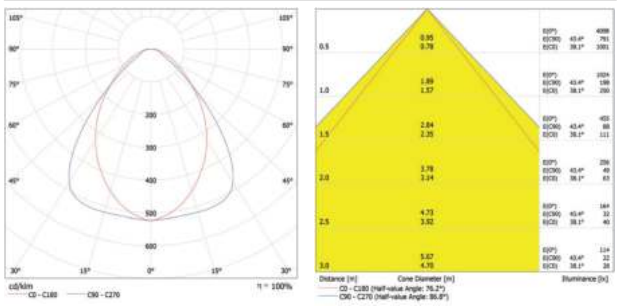
Beam Angle: 87° | 42W / 1050mA / SMD LED





I02.LL.19751

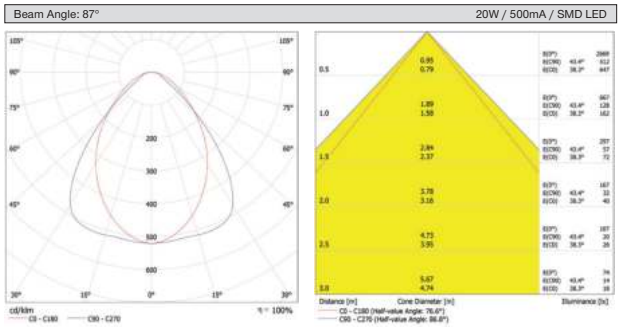
Beam Angle: 87° | 30W / 700mA / SMD LED



LDT Files / LDT Dataları



I02.LL.19752





MACA Linea Led







MACA designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars, false ceilings and clip-in ceiling systems.

Oval form Microprism louvre in acrylic (PMMA) provides wide beam distibution. SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

MACA ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara, alçıpan tavanalara ve clip-in tavan sistemlerine kolayca uygulanabilir.

Oval form verilmiş Mikroprizmatik akrilik (PMMA) diffüzör ile geniş açı ışık dağılımı sağlanır. Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Maca





* Code example / Kod örneği:

I02.LL.19760 . 042 . 830 . 01 . V1

1 2 3 4 5

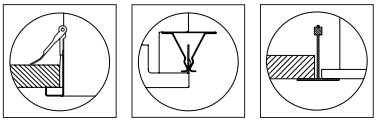
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

kg 3.8

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Gypsum Ceiling	Clip-in Ceiling	Modular Ceiling
Alçı Tavan	Clip-in Tavan	Taşyünü Asma Tavan



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19760.042.830.01.V1
Family Name / Aile Adı	Maca
Material / Malzeme	Polycarbonate Body / Polikarbon Gövde
Form / Biçim	Square / Kare
Size / Ölçü	595x595mm
Height / Yükseklik	70mm
Efficiency / Verimlilik	>115lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	40
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Maca

Maca / I02.LL.19760

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 600mA lm
595x595mm	CRI>80	I02.LL.19760.(...).(...).(...).(...)	2700K	4445
			3000K	4587
			3500K	4658
			4000K	4836
			5000K	4907
	CRI>90	I02.LL.19760.(...).(...).(...).(...)	2700K	3733
			3000K	3840
			3500K	3911
			4000K	4054

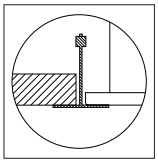
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
595x595mm	42W	42W (Direct) - 600mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

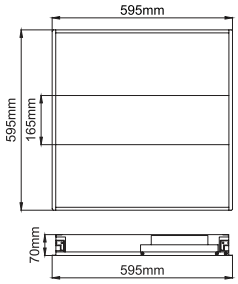
5- Modular Ceiling / Taşyünü Asma Tavan



Ordering Code : I02.LL.19760.V1



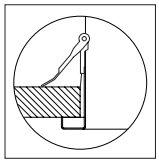
Product Technical Drawing / Ürün Teknik Çizimi



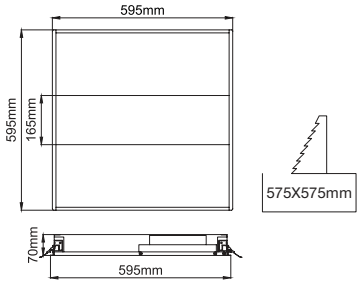
5- Gypsum Ceiling / Alçı Tavan



Ordering Code : I02.LL.19760.V2



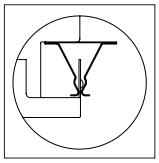
Product Technical Drawing / Ürün Teknik Çizimi



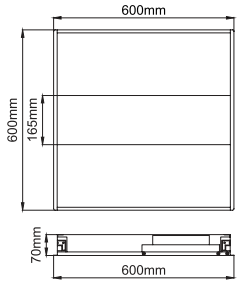
5- Clip-in Ceiling / Clipin Tavan



Ordering Code : I02.LL.19760.V3



Product Technical Drawing / Ürün Teknik Çizimi



STERIL Linea Led







STERIL is designed for hospitals and outdoor spaces. IP65 protection rating with tempered opal glass in front. Can be easily mounted to suspended ceilings with visible T-bars and false ceiling systems.

SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

STERIL başta hastane projelerinde olmak üzere, dış ortam koşullarında kullanıma uygundur. T-Profil tavanlara ve alçıpan tavan sistemlerine kolayca uygulanabilir.

Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Steril





* Code example / Kod örneği:

I02.LL.19870 . 030 . 830 . 01 . V1

1 2 3 4 5

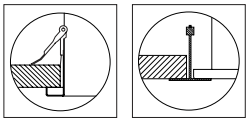
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP65 CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Gypsum Ceiling	Modular Ceiling
Alçı Tavan	Taşyünü Asma Tavan



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19870.030.830.01.V1
Family Name / Aile Adı	Steril
Material / Malzeme	DKP Metal / DKP Sac
Form / Biçim	Square / Kare
Size / Ölçü	595x595mm
Height / Yükseklik	81mm
Efficiency / Verimlilik	>122lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	65
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Tempered Opal Glass / Tamperli Opal Cam

Steril

Steril / I02.LL.19870

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm
595x595mm	CRI>80	I02.LL.19870.(...).(...).(...).(...)	2700K	3475
			3000K	3550
			3500K	3620
			4000K	3694
			5000K	3800
	CRI>90	I02.LL.19870.(...).(...).(...).(...)	2700K	3225
			3000K	3290
			3500K	3355
			4000K	3420

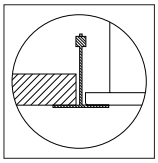
(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
595x595mm	30W	30W (Direct) - 250mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

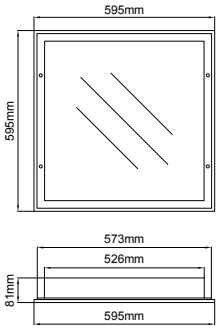
5- Modular Ceiling / Taşyünü Asma Tavan



Ordering Code : I02.LL.19870.V1



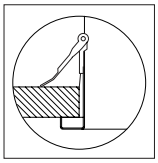
Product Technical Drawing / Ürün Teknik Çizimi



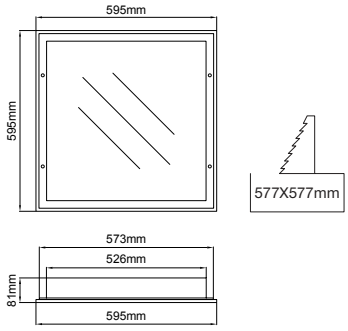
5- Gypsum Ceiling / Alçı Tavan



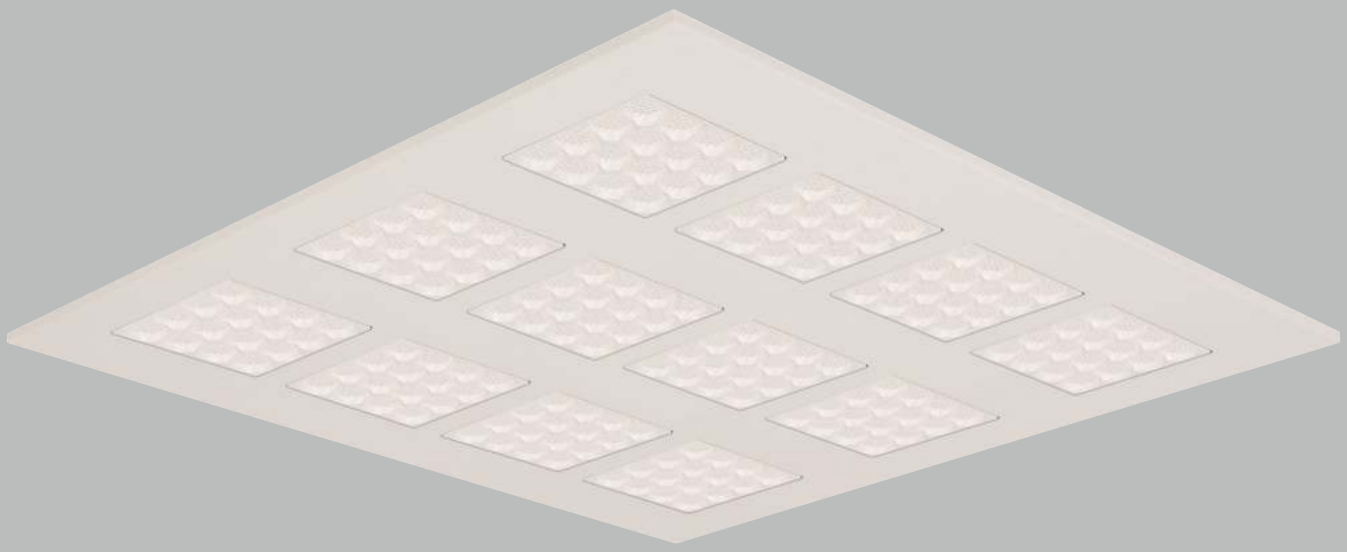
Ordering Code : I02.LL.19870.V2

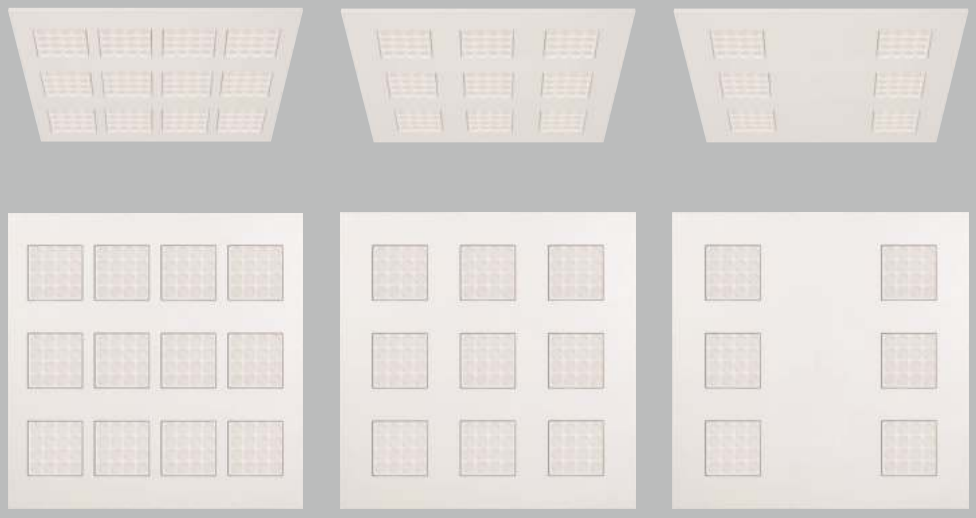


Product Technical Drawing / Ürün Teknik Çizimi



VALE Linea Led





VALE is new generation Avolux panel fixture with super slim design with lens optic that gives high efficient light output with perfect glare control. Designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars and false ceiling systems.

SMD board technology inside this range designed to maximize the efficiency up to 128lm/W.

VALE Avolux yeni jenerasyon panel armatür serisine dahildir. İnce yapılı gövde yapısı ve özel tasarım lens optik sayesinde kamaşma seviyesi minimumdur. Ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara ve alçıpan tavan sistemlerine kolayca uygulanabilir.

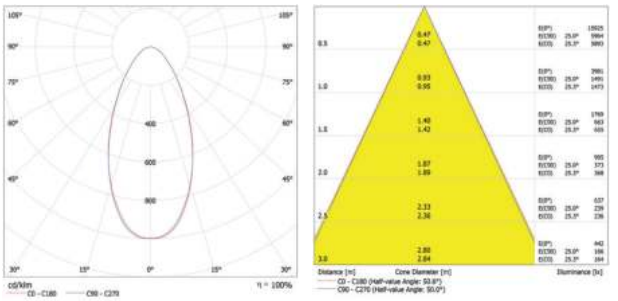
Armatür içerisine uygulanan SMD Led teknolojisi 128lm/W'a kadar verimlilik sağlamakta.

LDT Files / LDT Dataları

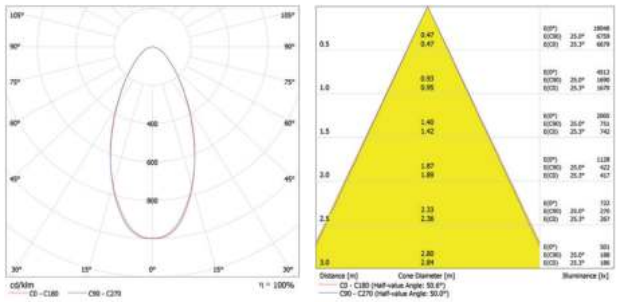


I02.LL.19912

Beam Angle: 50°	32.5W / 900mA / SMD LED



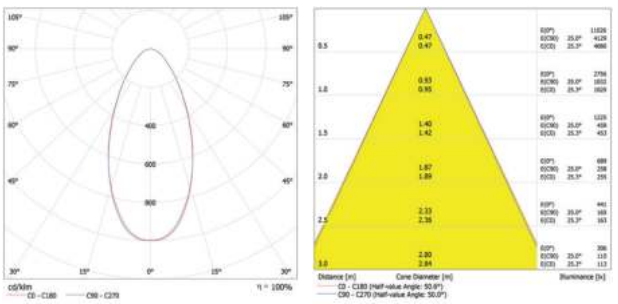
Beam Angle: 50°	38W / 1050mA / SMD LED



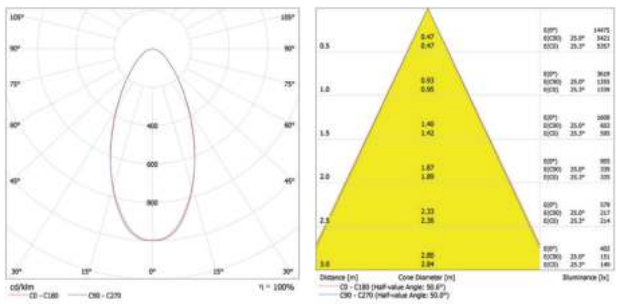


I02.LL.19909

Beam Angle: 50°	22.5W / 600mA / SMD LED



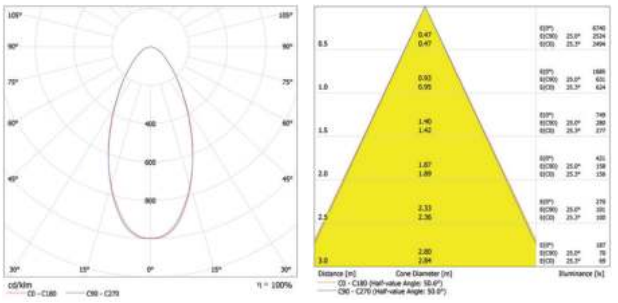
Beam Angle: 50°	30W / 800mA / SMD LED



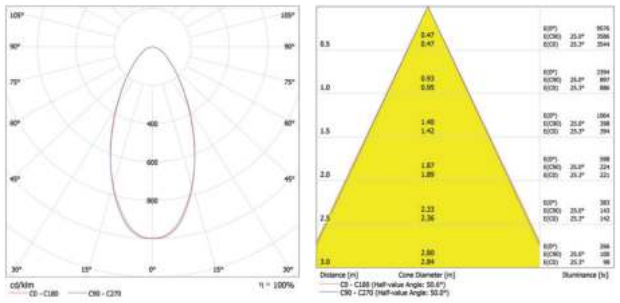


I02.LL.19906

Beam Angle: 50°	14W / 350mA / SMD LED



Beam Angle: 50°	20.5W / 500mA / SMD LED



Vale

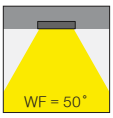
Vale / I02.LL.19912



* Code example / Kod örneği:

I02.LL.19912 . 038 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	32.5W 900mA lm	38W 1050mA lm
595x595mm	CRI>80	I02.LL.19912 . (...) . (...) . (...) . (...)	2700K	3758	4259
			3000K	3838	4349
			3500K	3912	4434
			4000K	3998	4531
			5000K	4397	4984
	CRI>90	I02.LL.19912 . (...) . (...) . (...) . (...)	2700K	3278	3715
			3000K	3318	3760
			3500K	3358	3806
			4000K	3398	3851

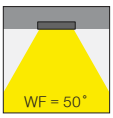
Vale / I02.LL.19909



* Code example / Kod örneği:

I02.LL.19909 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	22.5W 600mA lm	30W 800mA lm
595x595mm	CRI>80	I02.LL.19909 . (...) . (...) . (...) . (...)	2700K	2601	3415
			3000K	2657	3488
			3500K	2708	3556
			4000K	2768	3634
			5000K	3044	3997
	CRI>90	I02.LL.19909 . (...) . (...) . (...) . (...)	2700K	2269	2979
			3000K	2297	3016
			3500K	2325	3052
			4000K	2352	3088

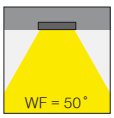
Vale / I02.LL.19906



* Code example / Kod örneği:

I02.LL.19906 . 020 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	14W 350mA lm	20.5W 500mA lm
595x595mm	CRI>80	I02.LL.19906 . (...) . (...) . (...) . (...)	2700K	1590	2259
			3000K	1624	2307
			3500K	1655	2352
			4000K	1692	2404
			5000K	1861	2644
	CRI>90	I02.LL.19906 . (...) . (...) . (...) . (...)	2700K	1387	1971
			3000K	1404	1995
			3500K	1421	2019
			4000K	1438	2043

(...) / Complete Code / Komple Kod

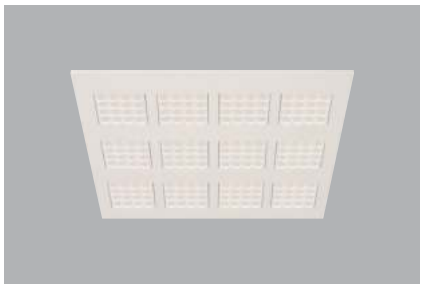
Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı
595x595mm	32.5W 38W	32.5W (Direct) - 900mA 38W (Direct) - 1050mA
	22.5W 30W	22.5W (Direct) - 600mA 30W (Direct) - 800mA
	14W 20.5W	14W (Direct) - 350mA 20.5W (Direct) - 500mA

3	CRI / Kelvin		
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

4	Product Color / Ürün Renk
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Vale

6- Modular Ceiling / Taşyünü Asma Tavan



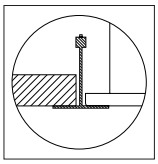
Ordering Code : I02.LL.19912.V1



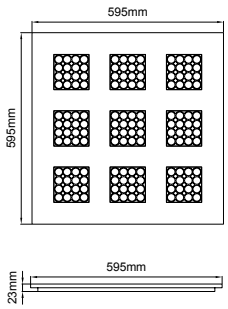
Ordering Code : I02.LL.19909.V1



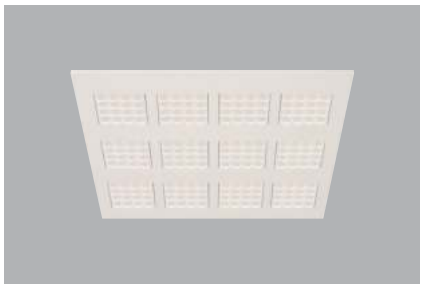
Ordering Code : I02.LL.19906.V1



Product Technical Drawing / Ürün Teknik Çizimi



6- Gypsum Ceiling / Alçı Tavan



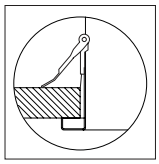
Ordering Code : I02.LL.19912.V2



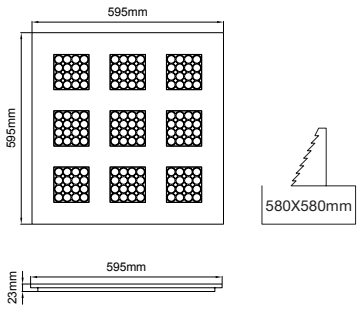
Ordering Code : I02.LL.19909.V2



Ordering Code : I02.LL.19906.V2



Product Technical Drawing / Ürün Teknik Çizimi



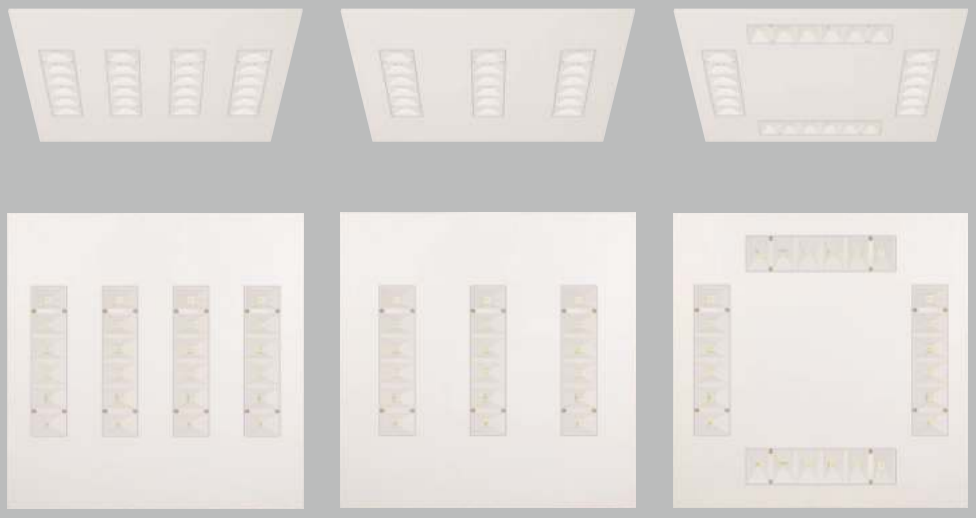


Super slim design with only 23mm depth.

Sadece 23mm derinliğe sahip süper ince gövde yapısı.

SPADE Linea Led





SPADE is new generation Avolux panel fixture with super slim design with plastic reflector optic that gives ultra high efficient light output. Designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars and false ceiling systems.

SMD board technology inside together with high efficient optics maximize the efficiency up to 148lm/W.

SPADE Avolux yeni jenerasyon panel armatür serisine dahildir. İnce yapılı gövde yapısı ve özel tasarım plastik reflektör optik sayesinde ekstra yüksek lm/W verim elde edilir. Ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara ve alçıpan tavan sistemlerine kolayca uygulanabilir.

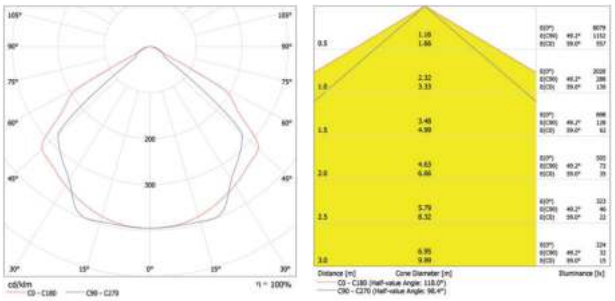
Armatür içerisine uygulanan SMD Led teknolojisi ve verimli optik yapısı sayesinde 148lm/W'a kadar verimlilik sağlanır.

LDT Files / LDT Dataları

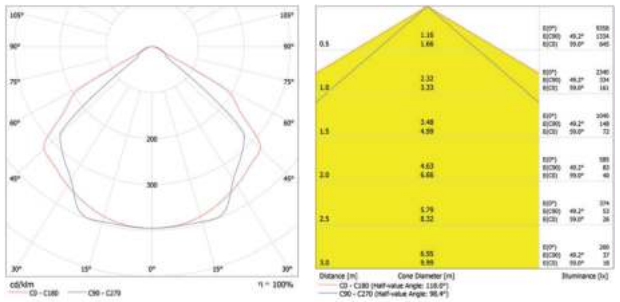


I02.LL.19794

Beam Angle: 118°	34W / 900mA / SMD LED



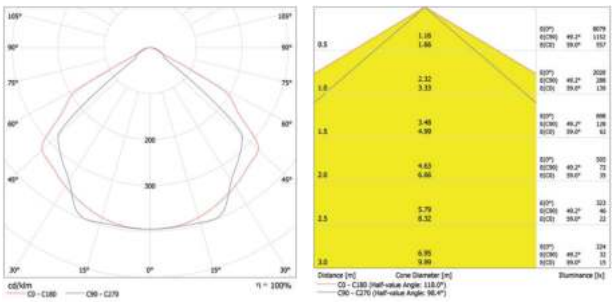
Beam Angle: 118°	40W / 1050mA / SMD LED



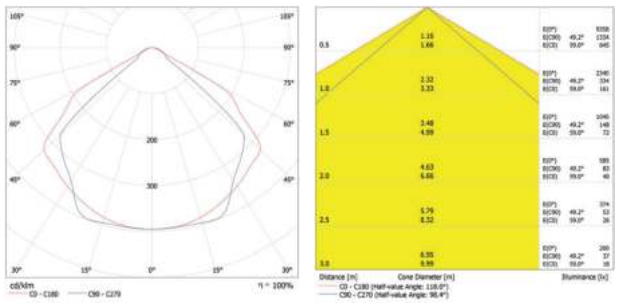


I02.LL.19894

Beam Angle: 118°	34W / 900mA / SMD LED



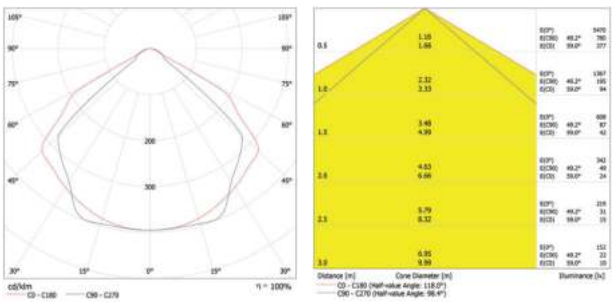
Beam Angle: 118°	40W / 1050mA / SMD LED



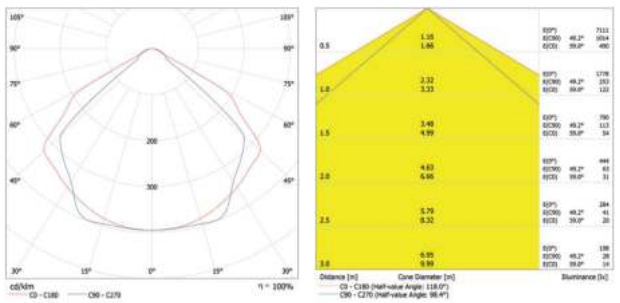


I02.LL.19893

Beam Angle: 118°	23W / 600mA / SMD LED



Beam Angle: 118°	30W / 800mA / SMD LED



Spade

Spade / I02.LL.19794



* Code example / Kod örneği:

I02.LL.19794 . 040 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	34W 900mA lm	40W 1050mA lm
595x595mm	CRI>80	I02.LL.19794 . (...) . (...) . (...) . (...)	2700K	4522	5187
			3000K	4692	5382
			3500K	4948	5676
			4000K	5119	5930
			5000K	5170	5872
	CRI>90	I02.LL.19794 . (...) . (...) . (...) . (...)	2700K	3992	4580
			3000K	4010	4600
			3500K	4095	4697
			4000K	4180	4795

Spade / I02.LL.19894



* Code example / Kod örneği:

I02.LL.19894 . 040 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	34W 900mA lm	40W 1050mA lm
595x595mm	CRI>80	I02.LL.19894 . (...) . (...) . (...) . (...)	2700K	4522	5187
			3000K	4692	5382
			3500K	4948	5676
			4000K	5119	5930
			5000K	5170	5872
	CRI>90	I02.LL.19894 . (...) . (...) . (...) . (...)	2700K	3992	4580
			3000K	4010	4600
			3500K	4095	4697
			4000K	4180	4795

Spade / I02.LL.19893



* Code example / Kod örneği:

I02.LL.19893 . 030 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	23W 600mA lm	30W 800mA lm
595x595mm	CRI>80	I02.LL.19893 . (...) . (...) . (...) . (...)	2700K	3061	3980
			3000K	3177	4130
			3500K	3350	4355
			4000K	3466	4506
			5000K	3500	4551
	CRI>90	I02.LL.19893 . (...) . (...) . (...) . (...)	2700K	2703	3514
			3000K	2715	3530
			3500K	2772	3604
			4000K	2830	3680

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı
595x595mm	34W 40W	34W (Direct) - 900mA 40W (Direct) - 1050mA
	23W 30W	23W (Direct) - 600mA 30W (Direct) - 800mA

3	CRI / Kelvin		
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

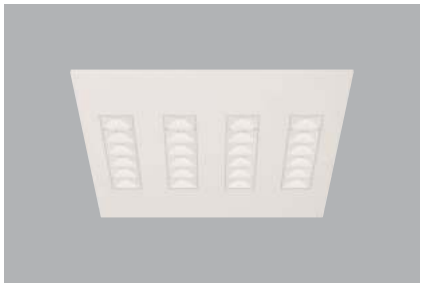
4	Product Color / Ürün Renk
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Spade

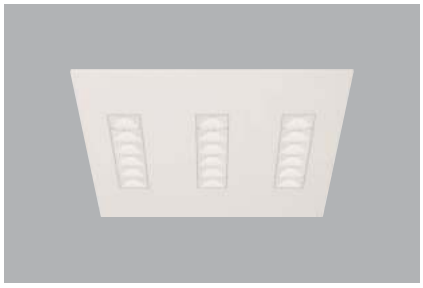
5- Modular Ceiling / Taşyünü Asma Tavan



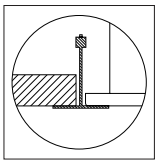
Ordering Code : I02.LL.19794.V1



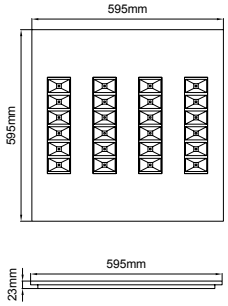
Ordering Code : I02.LL.19894.V1



Ordering Code : I02.LL.19893.V1



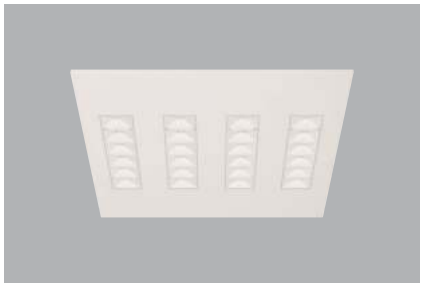
Product Technical Drawing / Ürün Teknik Çizimi



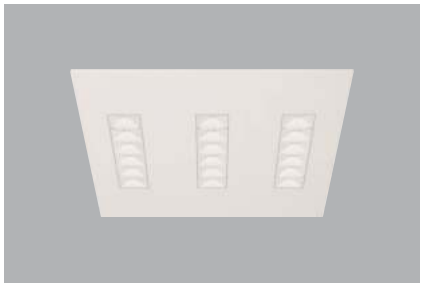
5- Gypsum Ceiling / Alçı Tavan



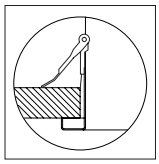
Ordering Code : I02.LL.19794.V2



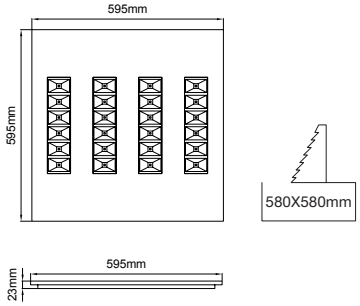
Ordering Code : I02.LL.19894.V2



Ordering Code : I02.LL.19893.V2



Product Technical Drawing / Ürün Teknik Çizimi



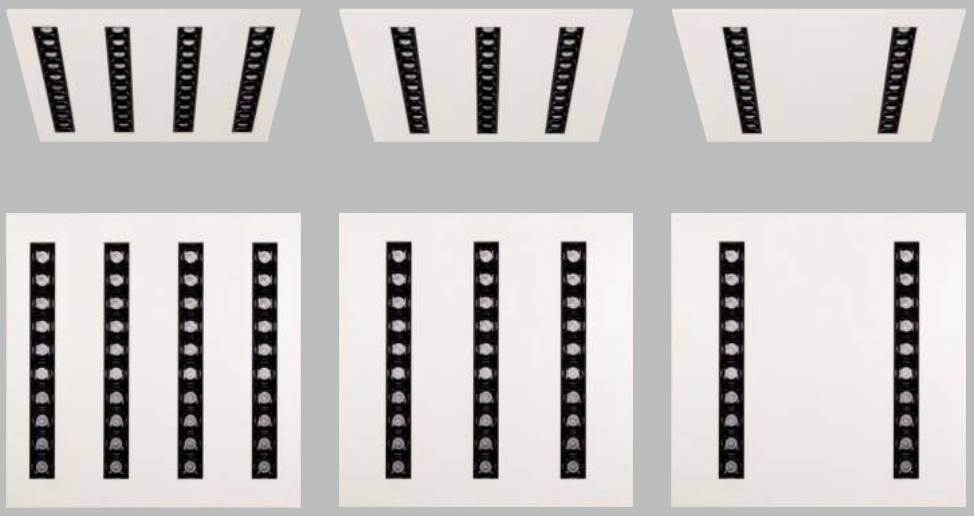


Super slim design with only 23mm depth.

Sadece 23mm derinliğe sahip süper ince gövde yapısı.

JOKER Linea Led





JOKER is new generation Avolux panel fixture with super slim design with plastic lens optic that gives ultra high efficient light output with UGR<9. Designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Can be easily mounted to suspended ceilings with visible T-bars and false ceiling systems.

SMD board technology inside together with high efficient optics maximize the efficiency up to 125lm/W.

JOKER Avolux yeni jenerasyon panel armatür serisine dahildir. İnce yapılı gövde yapısı ve özel tasarım lens optik sayesinde UGR<9 düşük kamaşma ve ekstra yüksek lm/W verim elde edilir. Ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. T-Profil tavanlara ve alçıpan tavan sistemlerine kolayca uygulanabilir.

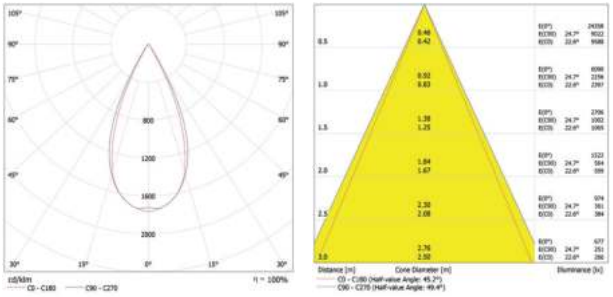
Armatür içerisine uygulanan SMD Led teknolojisi ve verimli optik yapısı sayesinde 125lm/W'a kadar verimlilik sağlanır.

LDT Files / LDT Dataları

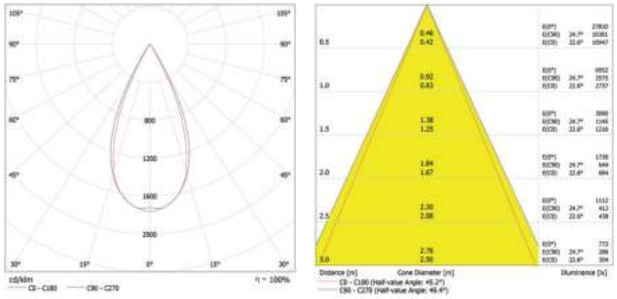


I02.LL.19784

Beam Angle: 45° | 27.5W / 900mA / SMD LED



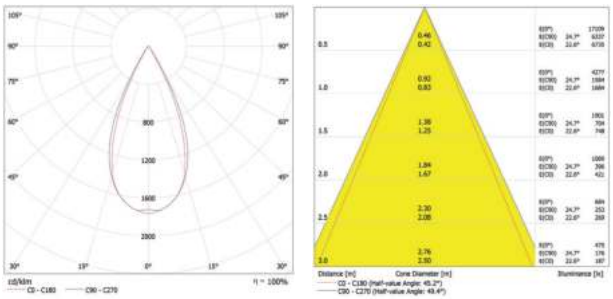
Beam Angle: 45° | 32W / 1050mA / SMD LED



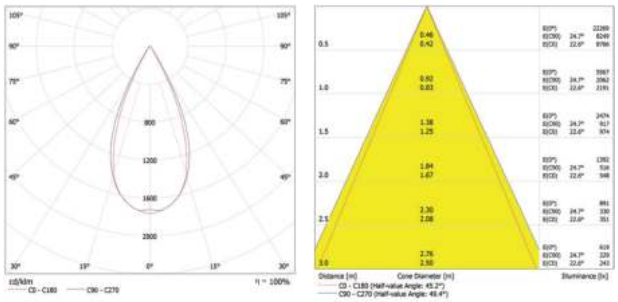


I02.LL.19783

Beam Angle: 45° | 19W / 600mA / SMD LED



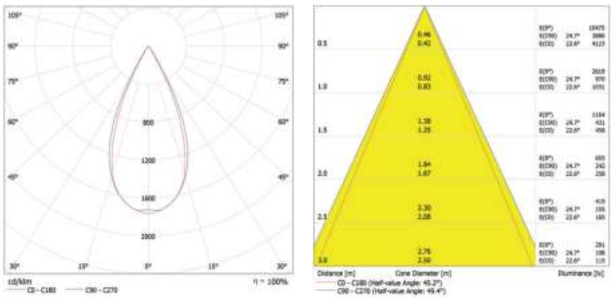
Beam Angle: 45° | 25W / 800mA / SMD LED



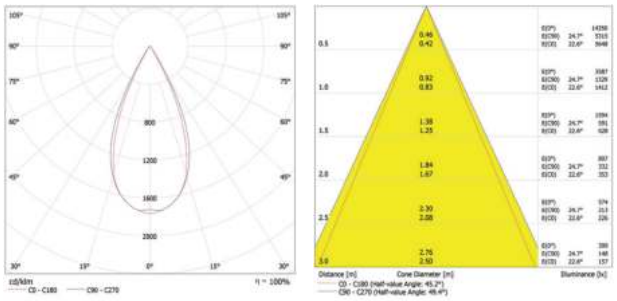


I02.LL.19782

Beam Angle: 45° | 12W / 350mA / SMD LED



Beam Angle: 45° | 17W / 500mA / SMD LED



Joker

Joker / I02.LL.19784



* Code example / Kod örneği:

I02.LL.19784 . 032 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	27.5W 900mA lm	32W 1050mA lm
595x595mm	CRI>80	I02.LL.19784 . (...) . (...) . (...) . (...)	2700K	3048	3521
			3000K	3163	3654
			3500K	3336	3853
			4000K	3451	3940
			5000K	3485	4025
	CRI>90	I02.LL.19784 . (...) . (...) . (...) . (...)	2700K	2691	3108
			3000K	2703	3122
			3500K	2761	3188
			4000K	2818	3255

Joker / I02.LL.19783



* Code example / Kod örneği:

I02.LL.19783 . 025 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19W 600mA lm	25W 800mA lm
595x595mm	CRI>80	I02.LL.19783 . (...) . (...) . (...) . (...)	2700K	2141	2787
			3000K	2222	2892
			3500K	2344	3049
			4000K	2424	3155
			5000K	2449	3185
	CRI>90	I02.LL.19783 . (...) . (...) . (...) . (...)	2700K	1890	2460
			3000K	1899	2471
			3500K	1939	2523
			4000K	1979	2576

Joker / I02.LL.19782



* Code example / Kod örneği:

I02.LL.19782 . 017 . 830 . 01 . V1
1 2 3 4 5

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Ceiling Type / Tavan tipi
6- Control type / Kontrol tipi



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	12W 350mA lm	17W 500mA lm
595x595mm	CRI>80	I02.LL.19782 . (...) . (...) . (...) . (...)	2700K	1310	1795
			3000K	1360	1863
			3500K	1434	1965
			4000K	1484	2033
			5000K	1498	2053
	CRI>90	I02.LL.19782 . (...) . (...) . (...) . (...)	2700K	1157	1585
			3000K	1162	1592
			3500K	1187	1626
			4000K	1212	1660

(...) / Complete Code / Komple Kod

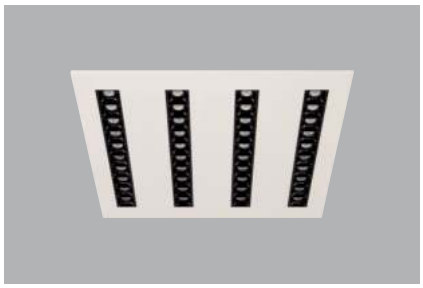
Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı
595x595mm	27.5W 32W	27.5W (Direct) - 900mA 32W (Direct) - 1050mA
	19W 25W	19W (Direct) - 600mA 25W (Direct) - 800mA
	12W 17W	12W (Direct) - 350mA 17W (Direct) - 500mA

3	CRI / Kelvin		
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

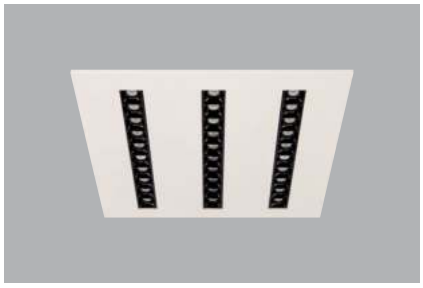
4	Product Color / Ürün Renk
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

Joker

6- Modular Ceiling / Taşyünü Asma Tavan



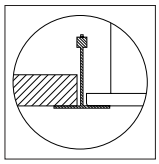
Ordering Code : I02.LL.19784.V1



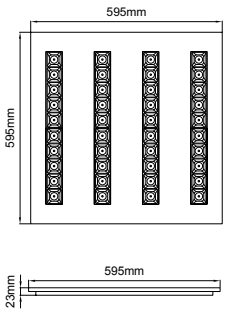
Ordering Code : I02.LL.19783.V1



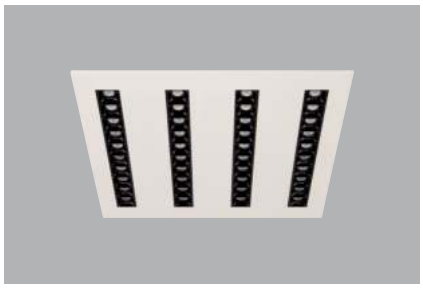
Ordering Code : I02.LL.19782.V1



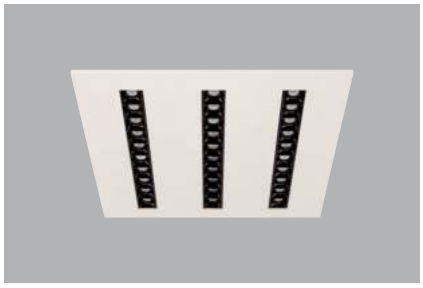
Product Technical Drawing / Ürün Teknik Çizimi



6- Gypsum Ceiling / Alçı Tavan



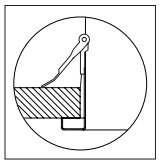
Ordering Code : I02.LL.19784.V2



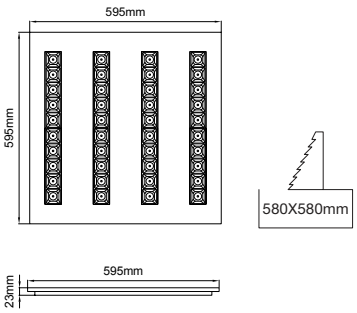
Ordering Code : I02.LL.19783.V2

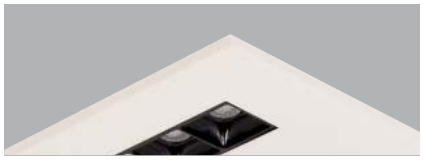


Ordering Code : I02.LL.19782.V2



Product Technical Drawing / Ürün Teknik Çizimi

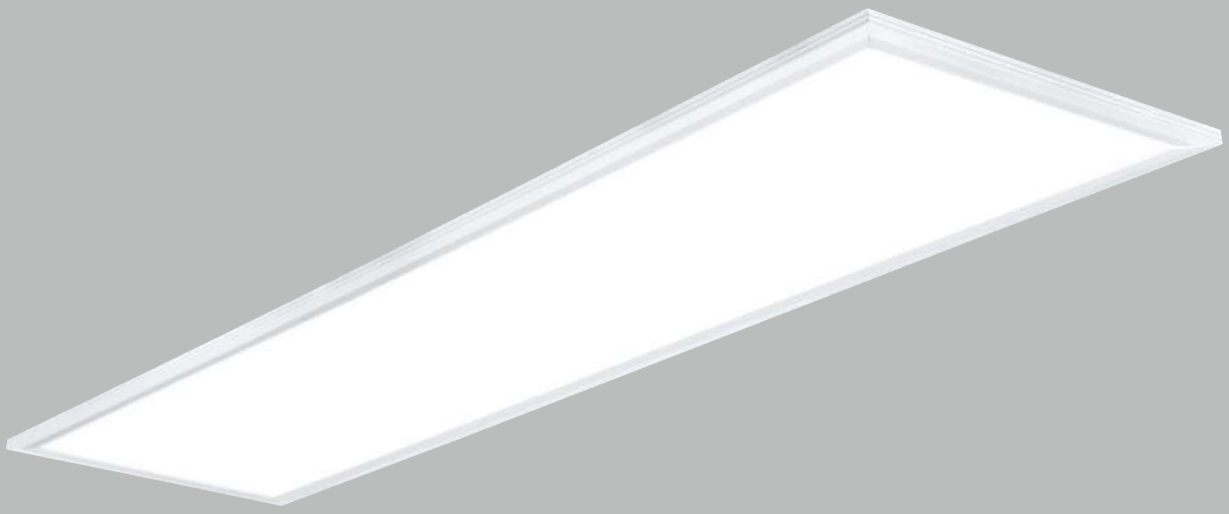


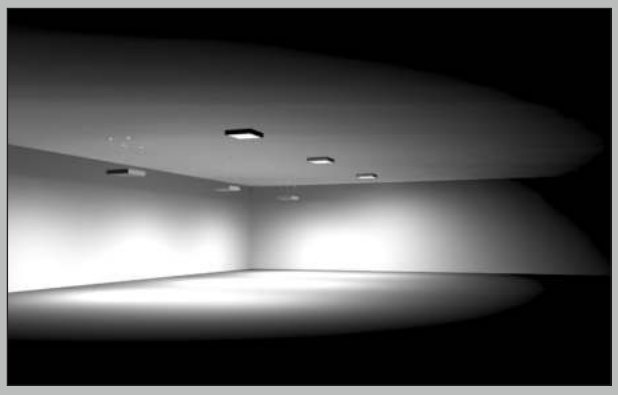


Super slim design with only 23mm depth.

Sadece 23mm derinliğe sahip süper ince gövde yapısı.

PANEL Linea Led







*Unique design of recess panel with same slim structure.

*Standard panel armatürler aynı inceliğe sahip ankastre versiyonu mevcuttur.



PANEL creates effect of light window for ceiling and wall installation. Particularly suitable for ambient illumination. Aluminium profile side corners.

Both T-Profile ceiling and recessed applicable versions available. Recess option with same slim structure option provides unique flexibility for false ceiling applications in which ceiling depth is low.

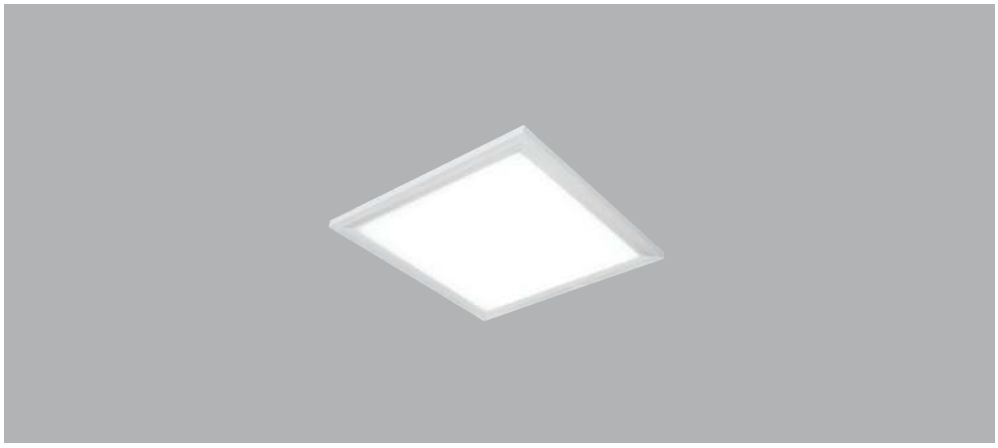
High efficient LGP panel diffuser provides minimum light loss.

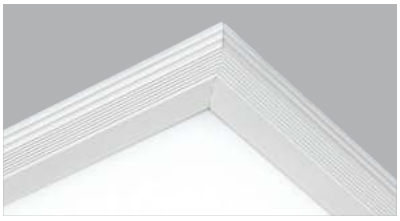
PANEL duvar ve tavanda ışık penceresi görünümü yaratır. Genel aydınlatma için uygundur. Aluminyum profil yapıya sahiptir. Taşyünü tavan ve ankastre seçenekleri mevcuttur.

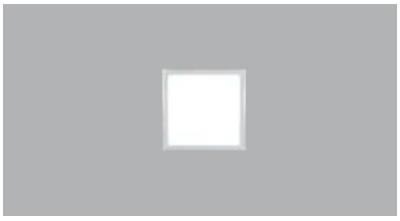
Aynı inceliğe sahip olacak şekilde ankastre versiyonu ile alçıpan derinliği düşük alanlarda uygulama kolaylığı sağlar.

Yüksek verimli LGP diffüzörü ile maksimum verimlilik sağlanır.

Panel T-Bar Ceiling





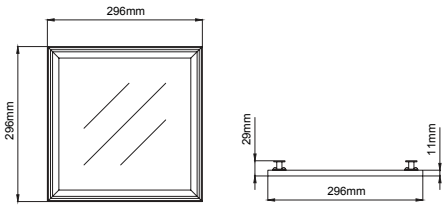


1.2

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel T-Bar Ceiling / I02.LL.19620



* Code example / Kod örneği:

I02.LL.19620 . 020 . 830 . 01
1 2 3 4

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
296x296mm	CRI>80	I02.LL.19620 . (...) . (...) . (...) . (...)	2700K	1107
			3000K	1143
			3500K	1160
			4000K	1205
			5000K	1222
	CRI>90	I02.LL.19620 . (...) . (...) . (...) . (...)	2700K	930
			3000K	957
			3500K	974
			4000K	1010

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
296x296mm	20W	20W (Direct) - 500mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Panel Recessed





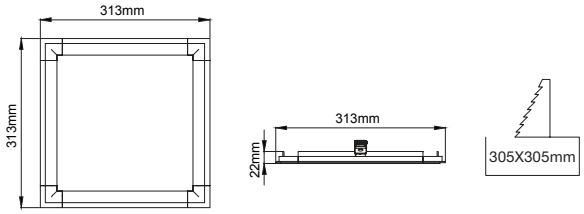


LED A A+ A++ SASO CB LVD CE EAC F IP40 kg 1.2 CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel Recessed / I02.LL.18620



* Code example / Kod örneği:

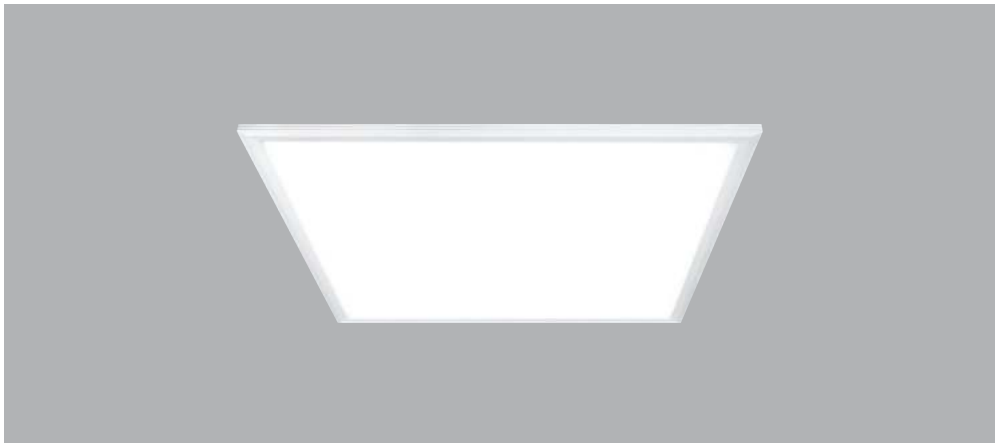
I02.LL.18620 . 020 . 830 . 01
1 2 3 4

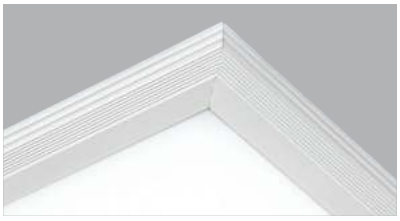
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 500mA lm
313x313mm	CRI>80	I02.LL.19820 . (...) . (...) . (...) . (...)	2700K	1107
			3000K	1143
			3500K	1160
			4000K	1205
			5000K	1222
	CRI>90	I02.LL.19820 . (...) . (...) . (...) . (...)	2700K	930
			3000K	957
			3500K	974
			4000K	1010

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (AxB)	Cutout Dimension / Kesim Ölçüsü	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk	
313x313mm	305x305mm	20 20W - 500mA	827 CRI>80 - 2700K		927 CRI>90 - 2700K		01	white
			830 CRI>80 - 3000K		930 CRI>90 - 3000K		02	ral 9010
			835 CRI>80 - 3500K		935 CRI>90 - 3500K		03	black
			840 CRI>80 - 4000K		940 CRI>90 - 4000K		04	gray
			850 CRI>80 - 5000K				05	dark gray
							06	special color

Panel T-Bar Ceiling





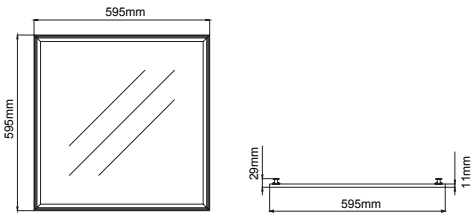


LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 3.8 | CRI 80 CRI 90

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

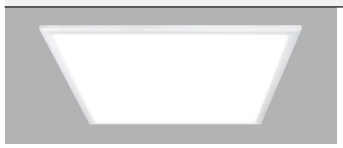
Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel T-Bar Ceiling / I02.LL.19621



* Code example / Kod örneği:

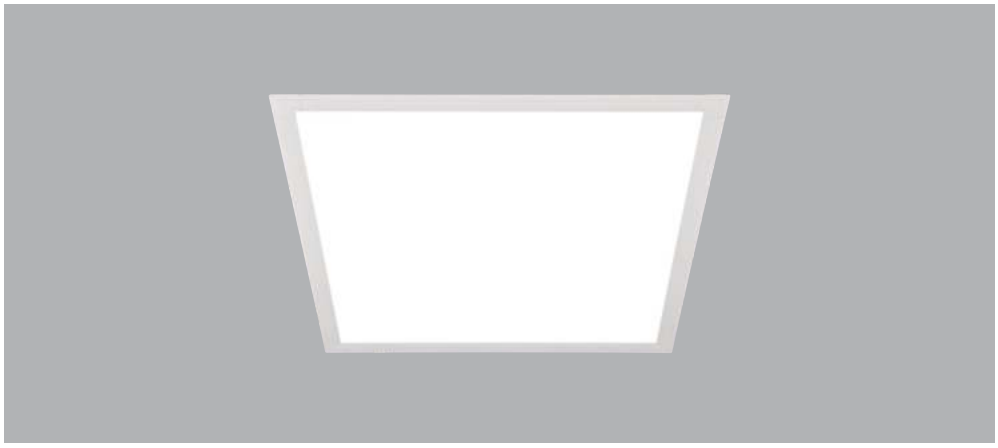
I02.LL.19621 . 042 . 830 . 01
1 2 3 4

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
595x595mm	CRI>80	I02.LL.19621 . (...) . (...) . (...) . (...)	2700K	3752
			3000K	3844
			3500K	3904
			4000K	4053
			5000K	4112
	CRI>90	I02.LL.19621 . (...) . (...) . (...) . (...)	2700K	3129
			3000K	3218
			3500K	3278
			4000K	3397

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2	Watt - Driving Current / Watt - Sürüş Akımı	3	CRI / Kelvin		CRI / Kelvin	4	Product Color / Ürün Renk
595x595mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Panel Recessed







LED A A+ A++ SASO CB LVD CE EAC F IP40 kg 3.8 CRI 80 CRI 90

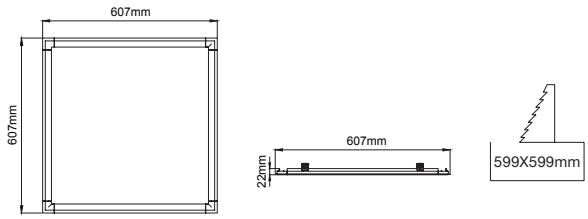
4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Technical Drawing / Teknik Çizim



Panel Recessed / I02.LL.18621



* Code example / Kod örneği:

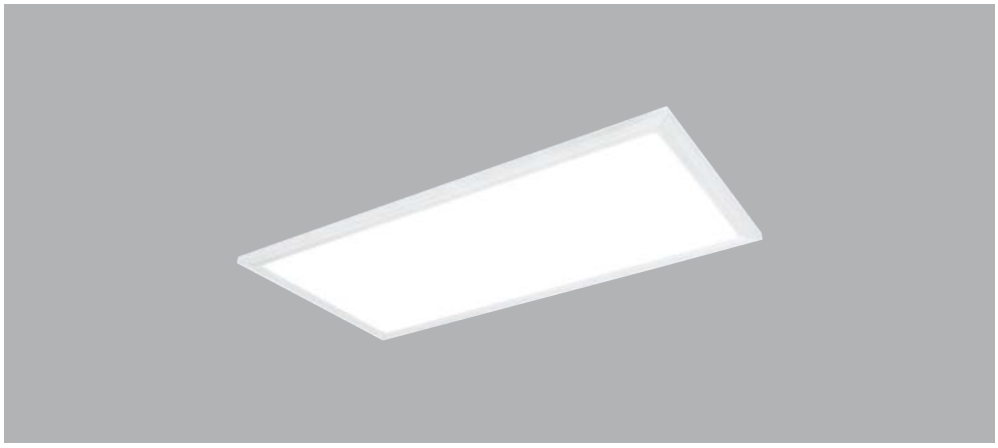
I02.LL.18621 . 042 . 830 . 01
1 2 3 4

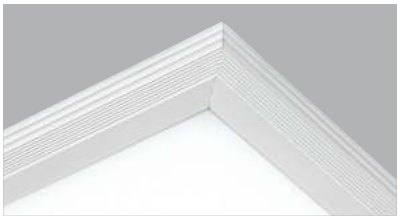
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
607x607mm	CRI>80	I02.LL.18621 . (...) . (...) . (...) . (...)	2700K	3752
			3000K	3844
			3500K	3904
			4000K	4053
			5000K	4112
	CRI>90	I02.LL.18621 . (...) . (...) . (...) . (...)	2700K	3129
			3000K	3218
			3500K	3278
			4000K	3397

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (AxB)	Cutout Dimension / Kesim Ölçüsü	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin		4 Product Color / Ürün Renk	
607x607mm	599x599mm	42 42W - 1050mA	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01	white
			830 CRI>80 - 3000K	930 CRI>90 - 3000K	02	ral 9010
			835 CRI>80 - 3500K	935 CRI>90 - 3500K	03	black
			840 CRI>80 - 4000K	940 CRI>90 - 4000K	04	gray
			850 CRI>80 - 5000K		05	dark gray
					06	special color

Panel T-Bar Ceiling





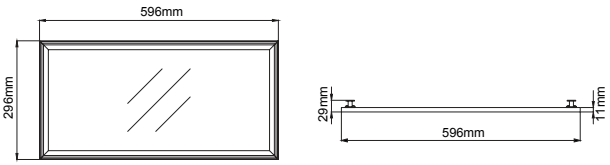


4 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel T-Bar Ceiling / I02.LL.19622



* Code example / Kod örneği:

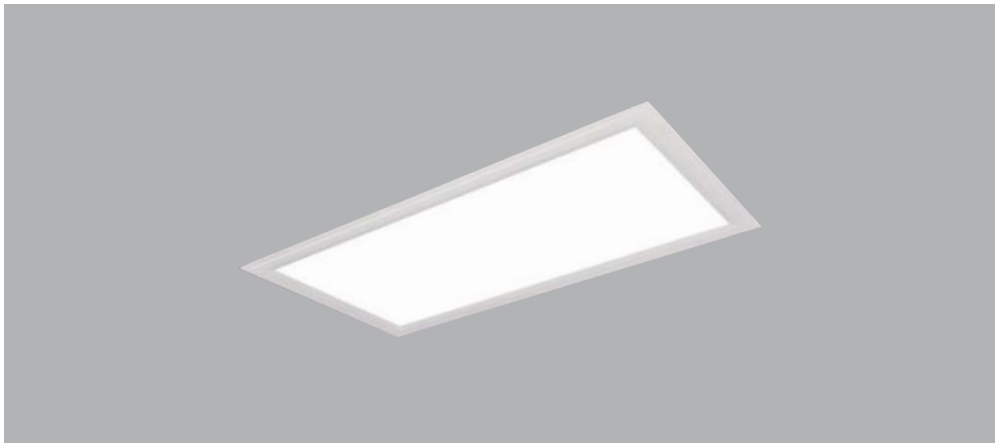
I02.LL.19622 . 042 . 830 . 01
1 2 3 4

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
296x596mm	CRI>80	I02.LL.19622 . (...) . (...) . (...) . (...)	2700K	3591
			3000K	3706
			3500K	3763
			4000K	3907
			5000K	3964
	CRI>90	I02.LL.19622 . (...) . (...) . (...) . (...)	2700K	3016
			3000K	3102
			3500K	3160
			4000K	3275

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
296x596mm	42W	42W (Direct) - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Panel Recessed







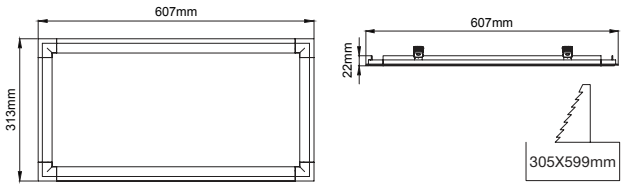
LED A A+ A++ | 0° 0° | SASO CB LVD CE EAC F IP40 | kg 2 | CRI 80 CRI 90

4 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel Recessed / I02.LL.18622



* Code example / Kod örneği:

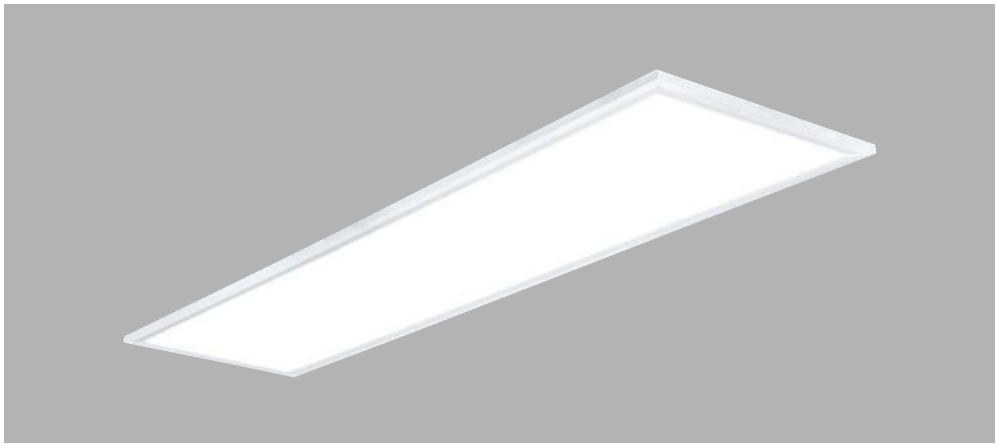
I02.LL.18622 . 042 . 830 . 01
1 2 3 4

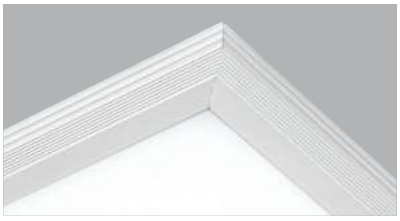
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 1050mA lm
313x607mm	CRI>80	I02.LL.18622 . (...) . (...) . (...) . (...)	2700K	3591
			3000K	3706
			3500K	3763
			4000K	3907
			5000K	3964
	CRI>90	I02.LL.18622 . (...) . (...) . (...) . (...)	2700K	3016
			3000K	3102
			3500K	3160
			4000K	3275

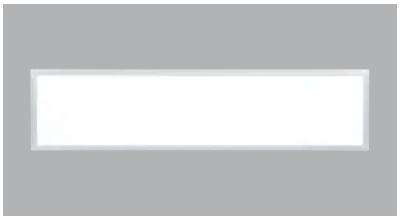
(...) / Complete Code / Komple Kod

Lenght / Uzunluk (AxB)	Cutout Dimension / Kesim Ölçüsü	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk	
313x607mm	305x599mm	42	42W - 1050mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
				830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
				835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
				840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
				850	CRI>80 - 5000K			05	dark gray
								06	special color

Panel T-Bar Ceiling





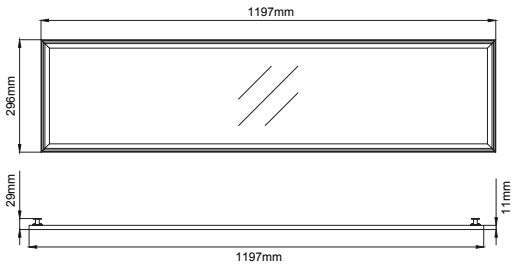


kg 3.6

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel T-Bar Ceiling / I02.LL.19623



* Code example / Kod örneği:

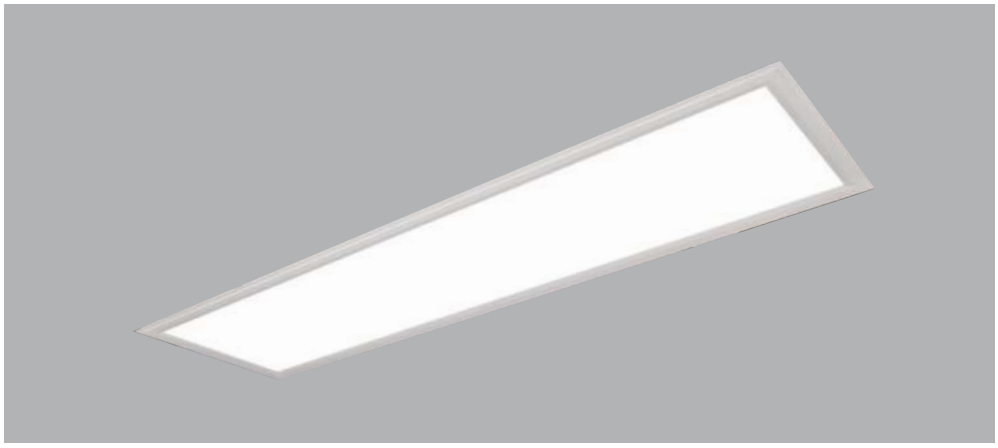
I02.LL.19623 . 059 . 830 . 01
1 2 3 4

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	59W 2100mA lm
296x1197mm	CRI>80	I02.LL.19623 . (...) . (...) . (...) . (...)	2700K	4984
			3000K	5144
			3500K	5223
			4000K	5423
			5000K	5503
	CRI>90	I02.LL.19623 . (...) . (...) . (...) . (...)	2700K	4187
			3000K	4306
			3500K	4386
			4000K	4546

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (A)	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk		
296x1197mm	59W	59W (Direct) - 2100mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

Panel Recessed



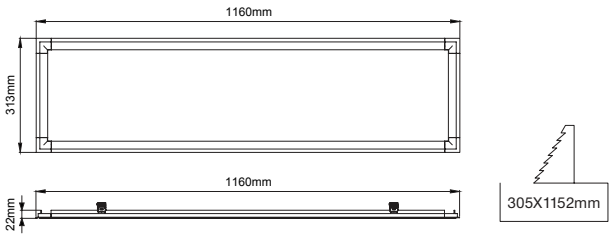




4 / Product Color / Ürün Renk



Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Panel Recessed / I02.LL.18623



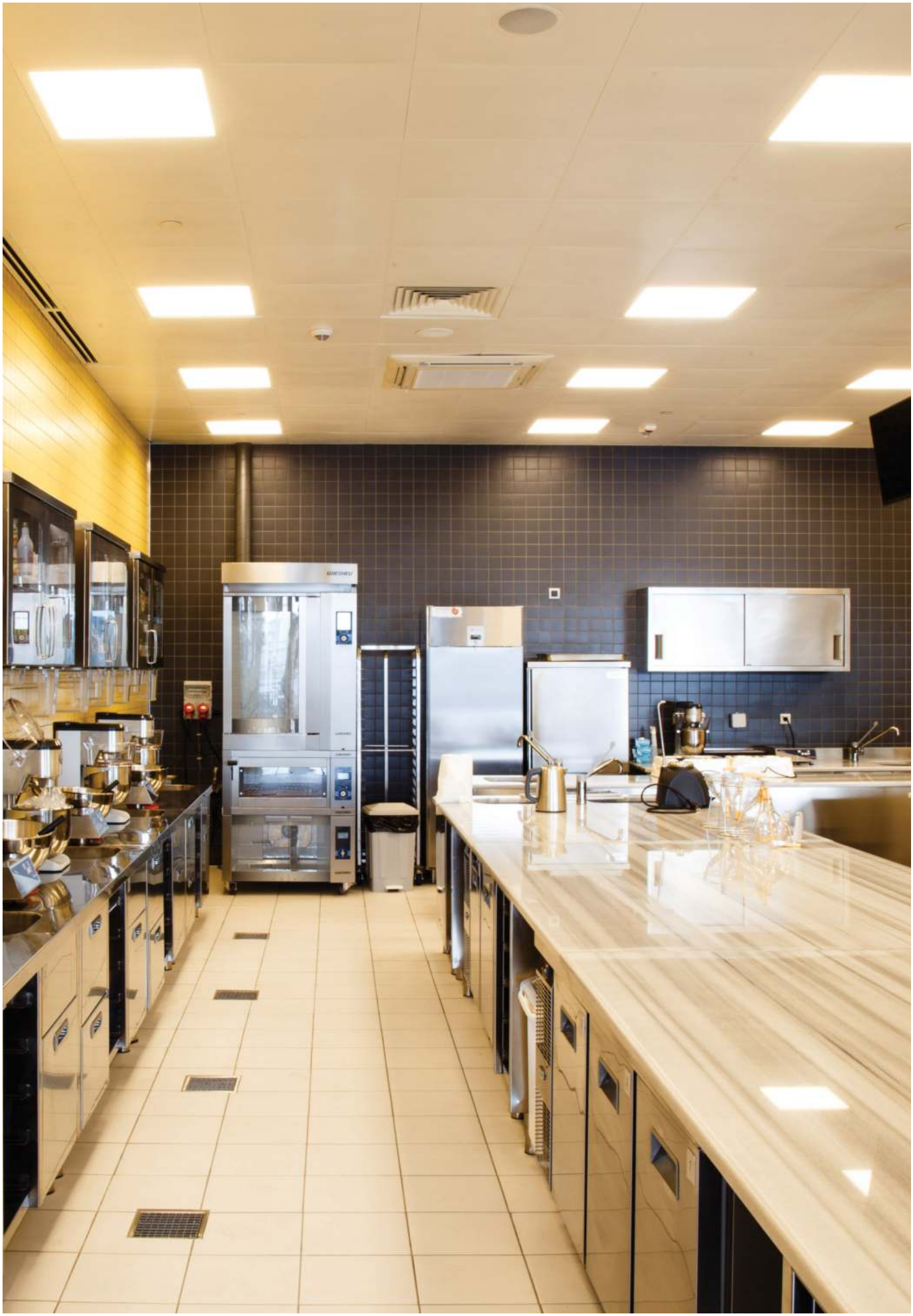
* Code example / Kod örneği:

I02.LL.18623 . 059 . 830 . 01
1 2 3 4

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	59W 2100mA lm
313x607mm	CRI>80	I02.LL.18623 . (...) . (...) . (...) . (...)	2700K	4984
			3000K	5144
			3500K	5223
			4000K	5423
			5000K	5503
	CRI>90	I02.LL.18623 . (...) . (...) . (...) . (...)	2700K	4187
			3000K	4306
			3500K	4386
			4000K	4546

(...) / Complete Code / Komple Kod

Lenght / Uzunluk (AxB)	Cutout Dimension / Kesim Ölçüsü	2 Watt - Driving Current / Watt - Sürüş Akımı	3 CRI / Kelvin				4 Product Color / Ürün Renk	
313x1160mm	305x1152mm	59 59W - 2100mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
			830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
			835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color



LDT Files / LDT Dataları



I02.LL.19620



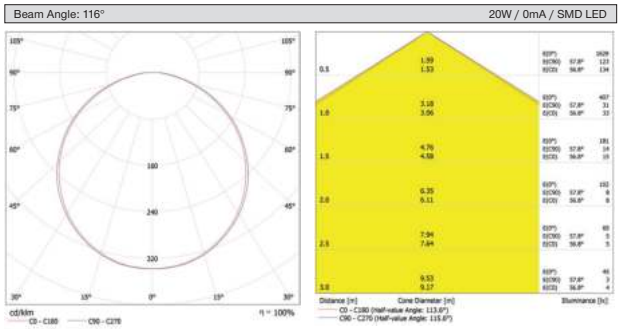
I02.LL.18620

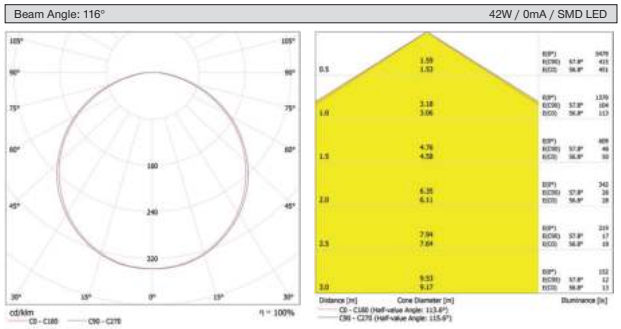


I02.LL.19621



I02.LL.18621







I02.LL.19622



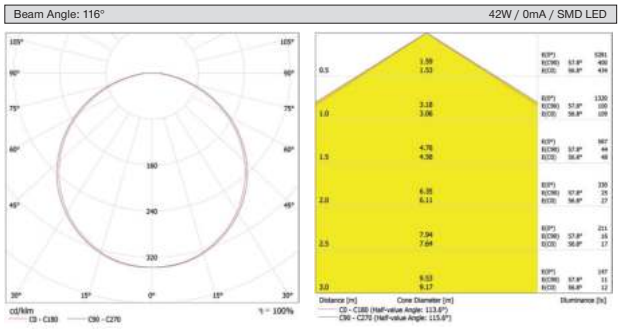
I02.LL.18622

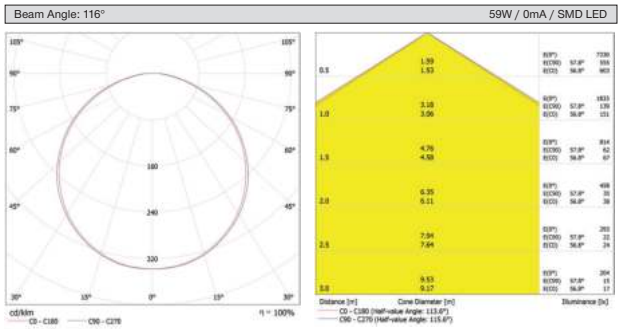


I02.LL.19623



I02.LL.18623







Plafo Linea Led

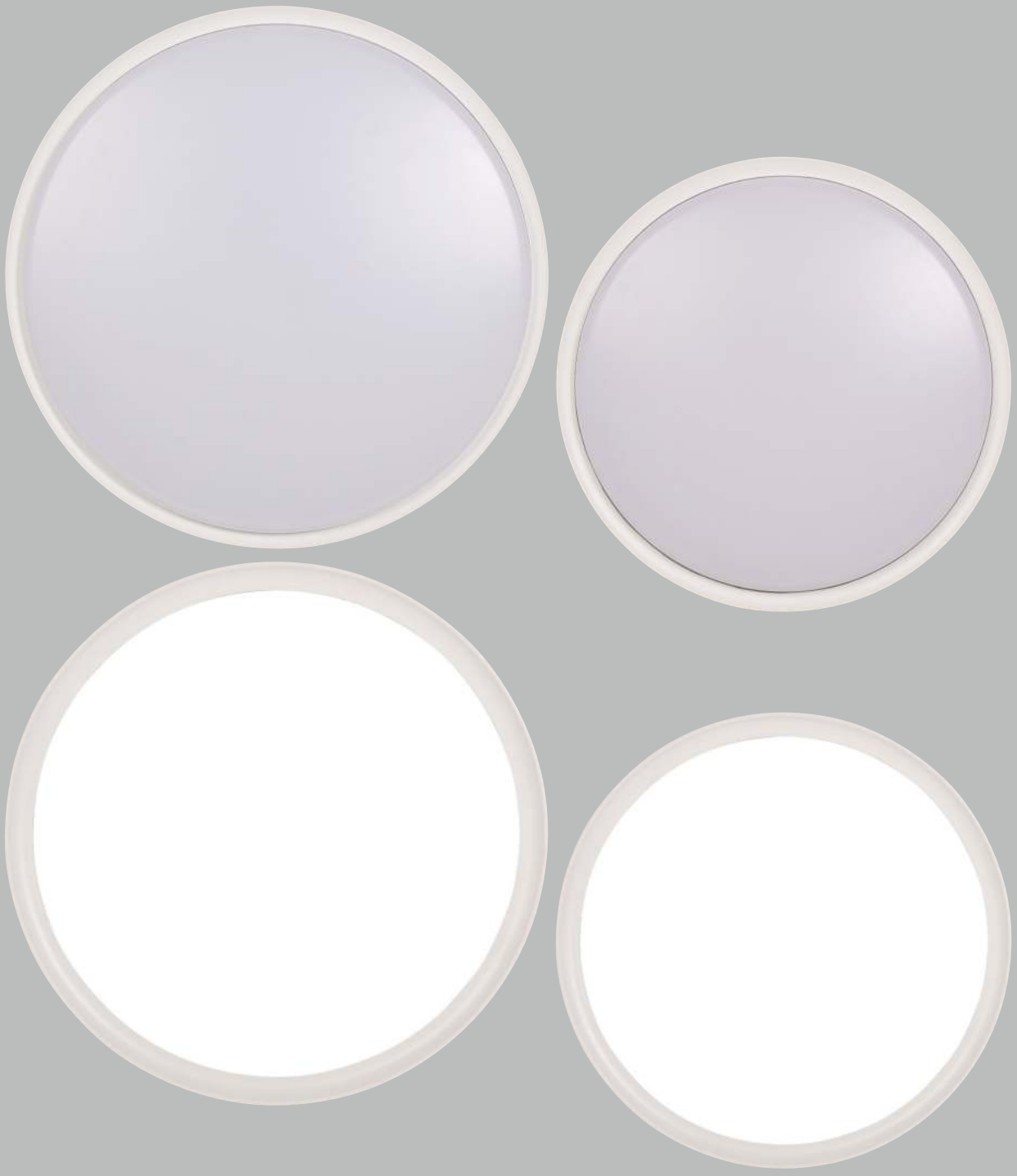






Easy electrical connection system with thermostat connector in twist and lock mechanism.

Termostat tip konnektör sistemi ile çevir kilitle sistemine sahip kolay elektrik bağlantı sistemi.



Avolux Plafo series is a direct indirect plafond type light fixture. It has IP44 protection rating with flat and radius type diffuser. Direct lighting can vary from 2700-5000K whereas indirect lighting can vary from 2700-5000K, red, green, blue and RGBW with two different diameter options of 36cm and 46cm. Homogen direct lighting output offering stylish lighting solution to your applications. In all versions driver is built in.

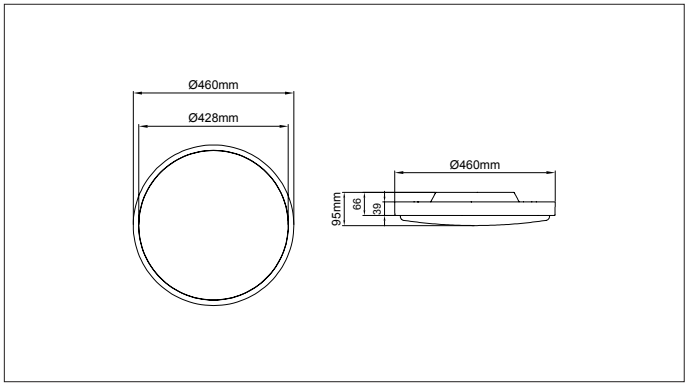
This range is available in dim options of DALI, Wireless DIM, Warm DIM, Tunable White, RGBW etc.

Avolux Plafo serisi direkt endirekt ışık dağılımına sahip plafonyer tipi aydınlatma armatürüdür. IP44 koruma sınıfına sahip bu seri direkt aydınlatmada 2700-5000K arası, endirekt aydınlatmada ise 2700-5000K arasının yanında kırmızı, yeşil, mavi ve RGBW ışık rengi seçeneklerine sahiptir. Homojen ışık çıkışı projelere dekoratif görünüm sağlar. Trafo ünitesi armatürün içerisine entegredir.

Plafo serisinde DALI, Kablosuz DIM, Sıcak DIM, Dinamik Beyaz, RGBW gibi dim seçenekleri mevcuttur.

Plafo





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13309 . 046 . 040 . 830 . 01

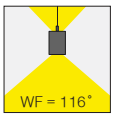
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



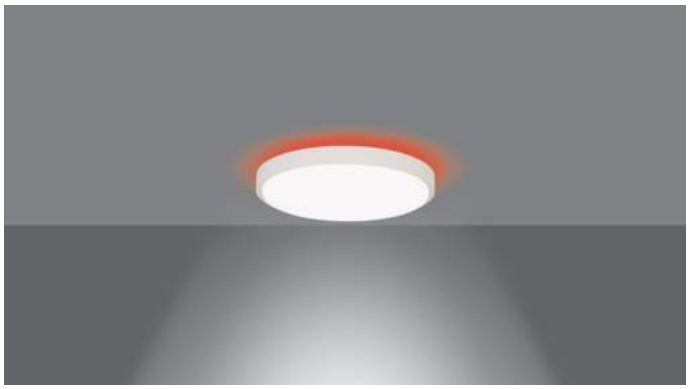
Description / Tanım
Aluminium body and opal diffuser. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde ve opal difüzör. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

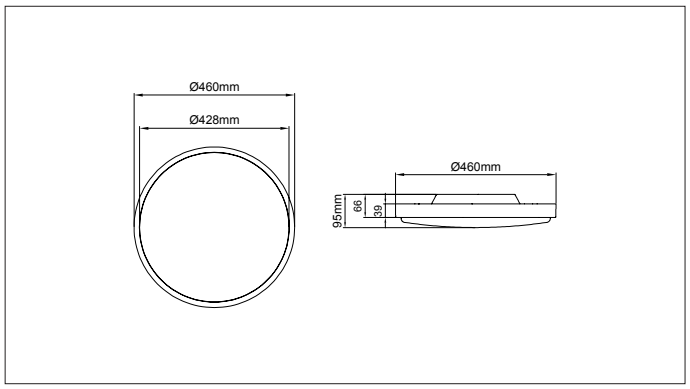
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13309.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	46cm
Height / Yükseklik	95mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3408lm	3517lm	3572lm	3709lm	3763lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	2435lm	2513lm	2552lm	2650lm	2689lm
Luminous flux Indirect / Işık akısı Endirekt	973lm	1004lm	1020lm	1059lm	1074lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W (25W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Plafo





* Code example / Kod örneği:

I02.LL.13319 . 046 . 048 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

Description / Tanım
Aluminium body and opal diffuser. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde ve opal difüzör. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

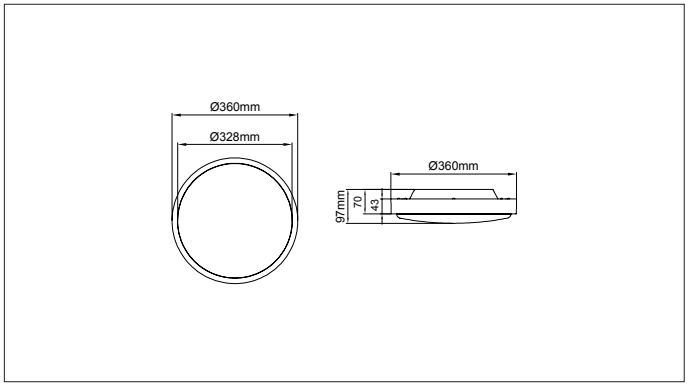
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13319.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	46cm
Height / Yükseklik	95mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	5081lm	5159lm	5198lm	5296lm	5335lm
System efficiency / Sistem verimliliği	106lm/W	107lm/W	108lm/W	110lm/W	111lm/W
Luminous flux Direct / Işık akısı Direkt	2435lm	2513lm	2552lm	2650lm	2689lm
Luminous flux Indirect RGBW / Işık akısı Endirekt RGBW	2646lm (RGBW Lumen)				
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	48W (25W Direkt - 23W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Plafo





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13409 . 036 . 028 . 830 . 01

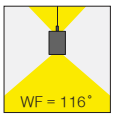
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



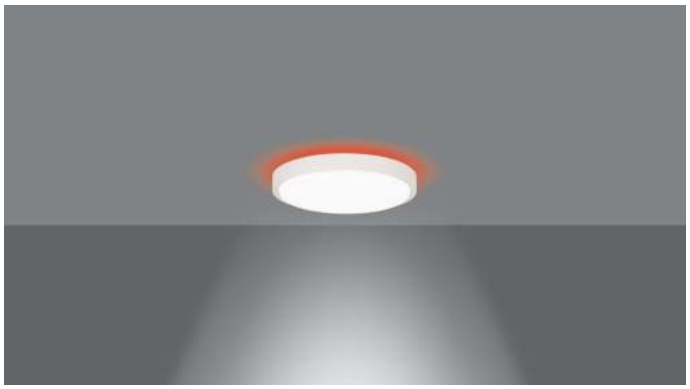
Description / Tanım
Aluminium body and opal diffuser. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde ve opal difüzör. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

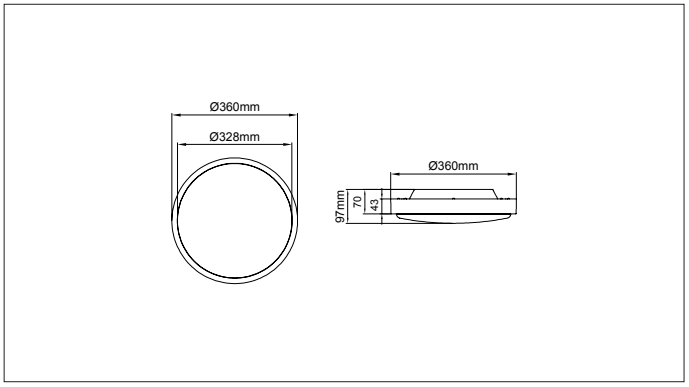
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13409.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	36cm
Height / Yükseklik	95mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	2386lm	2462lm	2500lm	2596lm	2634lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	1705lm	1759lm	1786lm	1855lm	1882lm
Luminous flux Indirect / Işık akısı Endirekt	681lm	703lm	714lm	741lm	752lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	28W (17.5W Direkt - 10.5W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Plafo





* Code example / Kod örneği:

I02.LL.13419 . 036 . 034 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

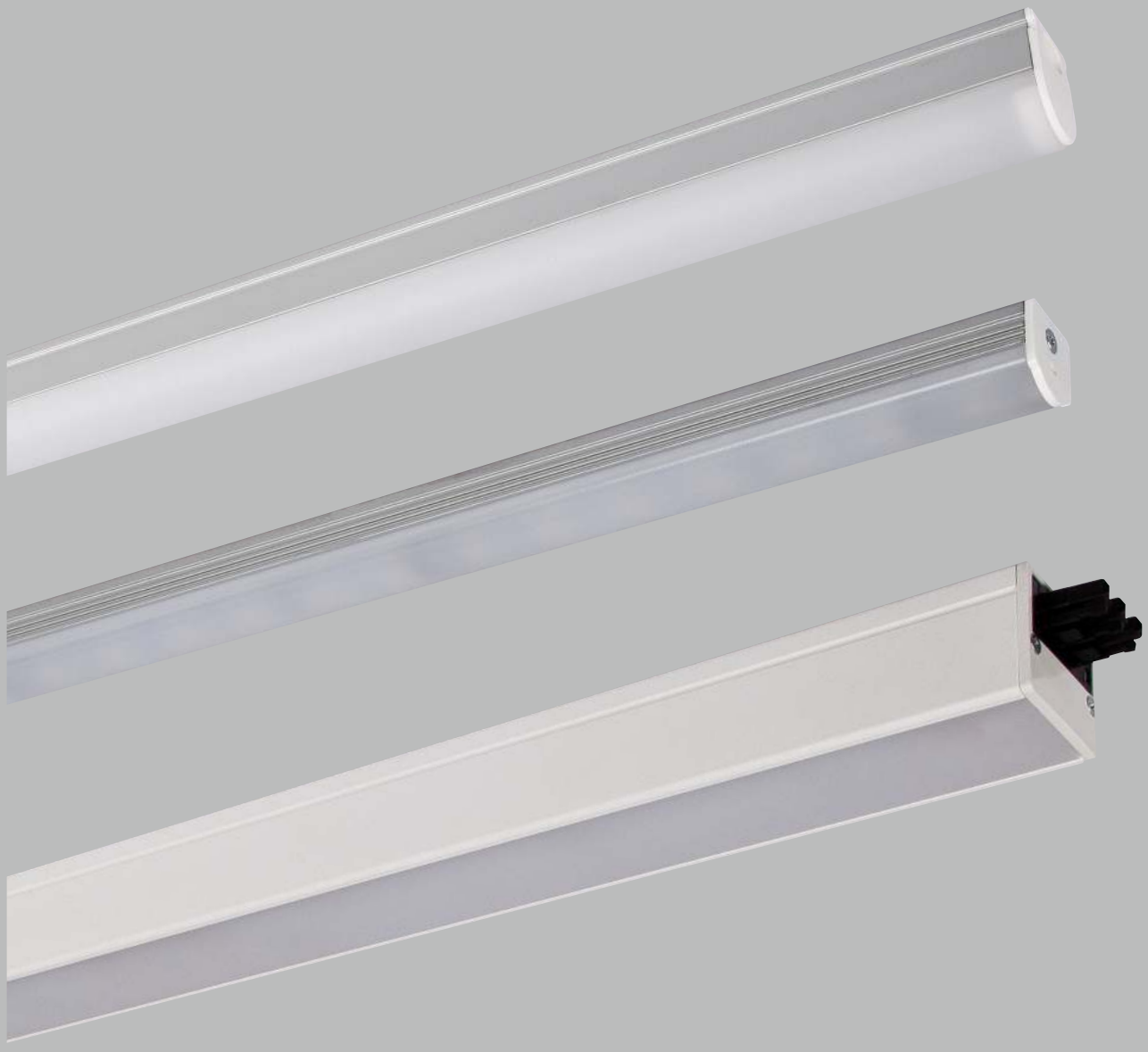
Description / Tanım
Aluminium body and opal diffuser. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde ve opal difüzör. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

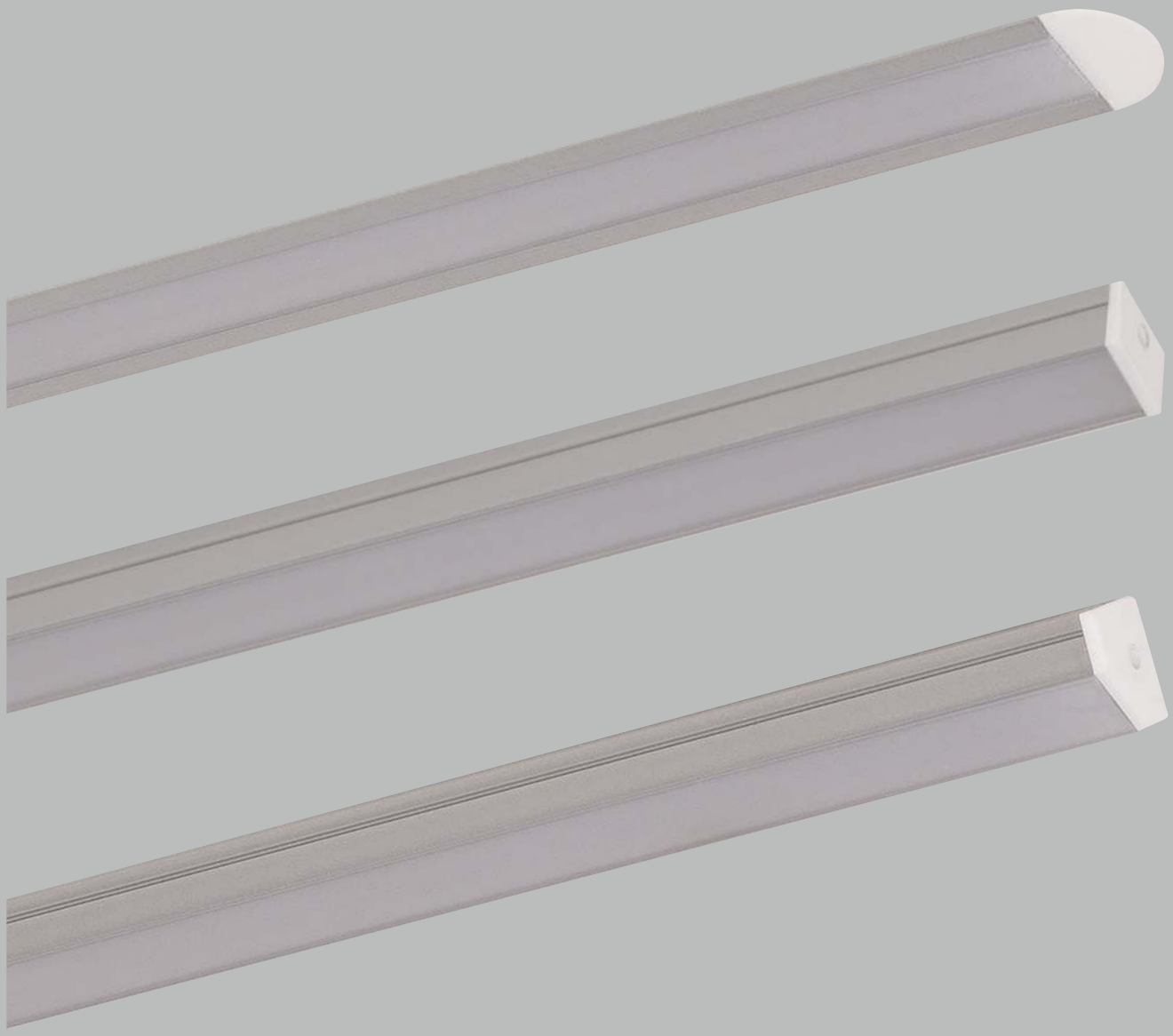
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13419.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	36cm
Height / Yükseklik	95mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3557lm	3611lm	3638lm	3707lm	3734lm
System efficiency / Sistem verimliliği	105lm/W	1076lm/W	107lm/W	109lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	1705lm	1759lm	1786lm	1855lm	1882lm
Luminous flux Indirect RGBW / Işık akısı Endirekt RGBW	1852lm (RGBW Lumen)				
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	34W (18W Direkt - 16W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

BAR LED Linea Led

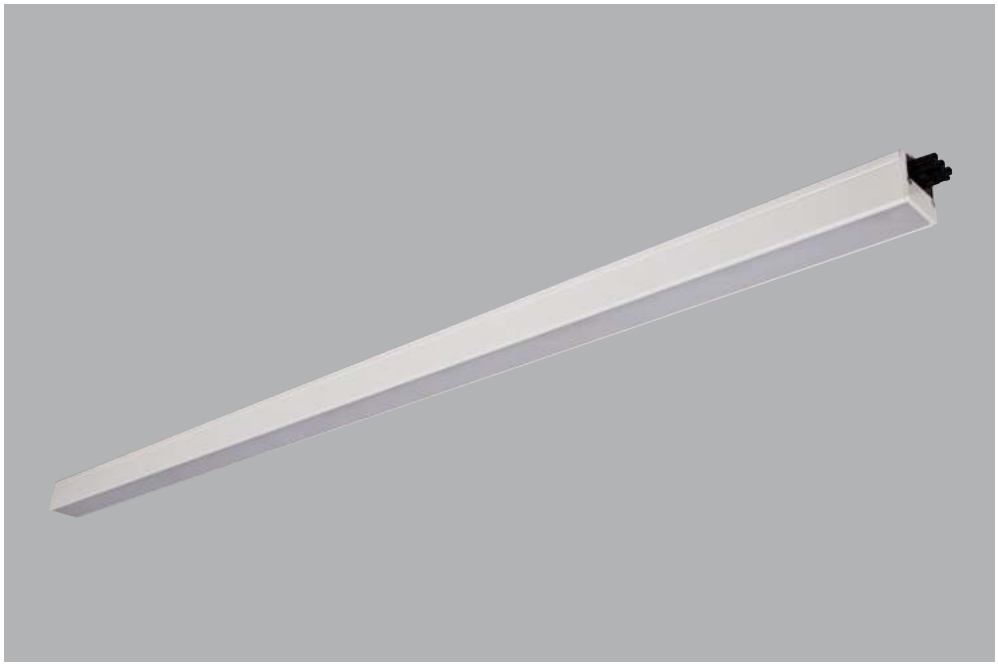




This product range is convenient to be used in covelighting applications. Combination of highest technology mid-power led with high efficient diffuser makes this product line perfect replacement to flourescent tubes. Easy installation via clipses is one of the main feature of this range.

BAR LED grubu kesintisiz gizli aydınlatma uygulamaları için uygundur. En son teknoloji SMD Led ve yüksek verimli difüzör kombinasyonu ile klasik floresan aydınlatmaya alternatif enerji tasarruflu çözüm oluşturur. Montaj klipsleri ile kolay montaj olanağı bu serinin en önemli özelliklerinde biridir.

Bar Led





* Code example / Kod örneği:

I02.LL.19315 . 1130 . 034 . 830 . 01

1 2 3 4 5

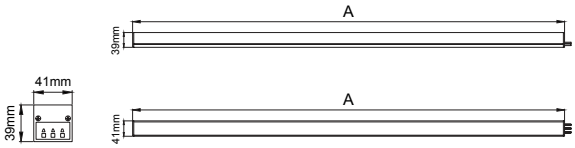
1- Product code / Armatür kodu
2- Lenght / Uzunluk
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

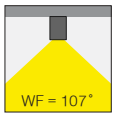
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



Product Data / Armatür Data	
Item No / Ürün Kod	I02.LL.19315.1130.034.830.01
Family Name / Aile Adı	Bar Led
Material / Malzeme	Aluminium / Aluminyum
Form / Biçim	Linear / Lineer
Profile Width / Profil Genişliği	41mm
Profile Height / Profil Yüksekliği	39mm
Installation Type / Kurulum Türü	Surface Mounted / Sıvaüstü
Efficiency / Verimlilik	>104lm/W
CRI	80
Light Distribution / Işık Dağılımı	Symmetric Wide Flood / Simetrik Geniş Açı
Protection Rating / Koruma Sınıfı	20
Lifetime / Armatür Ömrü	L70 / B50 50000 h
Optic / Optik	Opal Diffuser / Opal Pleksi

Bar Led

Bar Led / I02.LL.19315

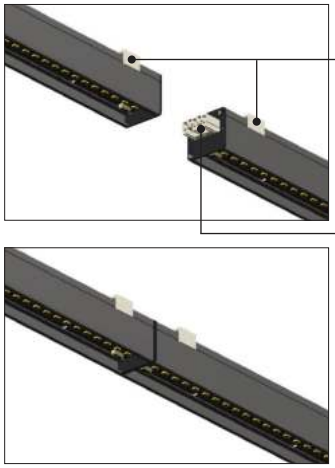
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	850mm 19W 250mA lm	1130mm 24W 250mA lm	1410mm 30W 250mA lm	1690mm 36W 250mA lm
850mm - 19W 1130mm - 24W 1410mm - 30W 1690mm - 36W	CRI>80	I02.LL.19315.(...).(...).(...).(...)	2700K	1868	2400	3037	3705
			3000K	1928	2477	3134	3823
			3500K	1958	2516	3182	3883
			4000K	2033	2650	3304	4031
			5000K	2063	2612	3352	4090
	CRI>90	I02.LL.19315.(...).(...).(...).(...)	2700K	1569	2016	2551	3112
			3000K	1614	2074	2624	3201
			3500K	1644	2112	2672	3260
			4000K	1704	2189	2769	3379
Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	850mm 25W 350mA lm	1130mm 34W 350mA lm	1410mm 42W 350mA lm	1690mm 51W 350mA lm
850mm - 25W 1130mm - 34W 1410mm - 42W 1690mm - 51W	CRI>80	I02.LL.19315.(...).(...).(...).(...)	2700K	2473	3255	4118	5025
			3000K	2501	3359	4249	5185
			3500K	2540	3412	4315	5266
			4000K	2637	3542	4480	5467
			5000K	2676	3594	4546	5547
	CRI>90	I02.LL.19315.(...).(...).(...).(...)	2700K	2036	2734	3459	4221
			3000K	2094	2813	3558	4341
			3500K	2133	2865	3623	4422
			4000K	2210	2969	3755	4582

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı
850mm	19W 19W (Direct) - 250mA 25W 25W (Direct) - 350mA
1130mm	24W 24W (Direct) - 250mA 34W 34W (Direct) - 350mA
1410mm	30W 30W (Direct) - 250mA 42W 42W (Direct) - 350mA
1690mm	36W 36W (Direct) - 250mA 51W 51W (Direct) - 350mA

4 CRI / Kelvin			
827	CRI>80 - 2700K	927	CRI>90 - 2700K
830	CRI>80 - 3000K	930	CRI>90 - 3000K
835	CRI>80 - 3500K	935	CRI>90 - 3500K
840	CRI>80 - 4000K	940	CRI>90 - 4000K
850	CRI>80 - 5000K		

5 Product Color / Ürün Renk	
01	white
02	ral 9010
03	black
04	gray
05	dark gray
06	special color

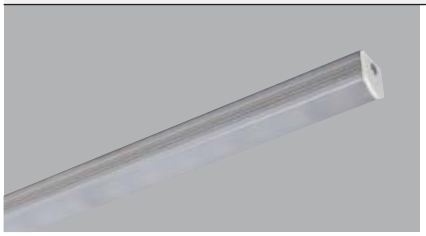


– Metal installation clipses enables easy mounting with quick click and lock system.
– Metal montaj klipsi ile geçmeli sistemine sahip kolay montaj olanağı.

– Wago sockets at both ends enables this product to be installed in continious mounting system.
– Armatürün her iki tarafında bulunan jaklı soket sistemi ile kesintisiz aydınlatma sağlanır.

Bar Led

Bar Led / I02.LL.19322



* Code example / Kod örneği:

I02.LL.19322 . 1040 . 021 . 830 . 01
1 2 3 4 5

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	21W lm
1040mm	CRI>80	I02.LL.19322 . (...) . (...) . (...) . (...)	2700K	1868
			3000K	1928
			3500K	1958
			4000K	2033
			5000K	2063
	CRI>90	I02.LL.19322 . (...) . (...) . (...) . (...)	2700K	1569
			3000K	1614
			3500K	1644
			4000K	1704

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1040mm	21W	21W (Direct)	827	CRI>80 - 2700K	927 CRI>90 - 2700K		01	white
			830	CRI>80 - 3000K	930 CRI>90 - 3000K		02	ral 9010
			835	CRI>80 - 3500K	935 CRI>90 - 3500K		03	black
			840	CRI>80 - 4000K	940 CRI>90 - 4000K		04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

LED A A+ A++ SASO CB LVD CE ERC IP20 CRI 80 CRI 90

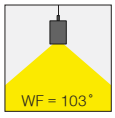
5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı





Bar Led

Bar Led / I02.LL.19320



* Code example / Kod örneği:

I02.LL.19322 . 1115 . 020 . 830 . 01

1 2 3 4 5

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	605mm 10W 150mA lm	905mm 15W 300mA lm	1115mm 20W 300mA lm
605mm - 10W 905mm - 15W 1115mm - 20W	CRI>80	I02.LL.19320 . (...) . (...) . (...)	2700K	991	1489	1985
			3000K	1023	1536	2048
			3500K	1039	1560	2080
			4000K	1079	1620	2160
			5000K	1094	1643	2191
	CRI>90	I02.LL.19320 . (...) . (...) . (...)	2700K	833	1256	1667
			3000K	856	1286	1715
			3500K	872	1310	1747
			4000K	904	1358	1810

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
605mm	10W	10W (Direct) - 150mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white
905mm	15W	15W (Direct) - 300mA	830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
1115mm	20W	20W (Direct) - 300mA	835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
			840	CRI>80 - 4000K	940	CRI>90 - 4000K	04	gray
			850	CRI>80 - 5000K			05	dark gray
							06	special color

LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

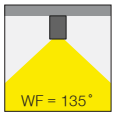
5 / Product Color / Ürün Renk

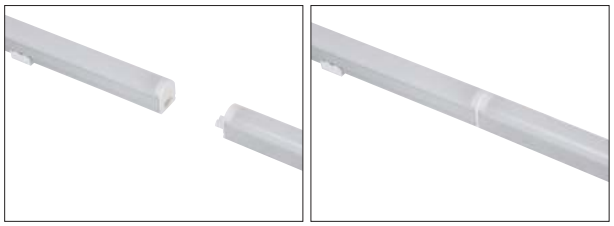
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı



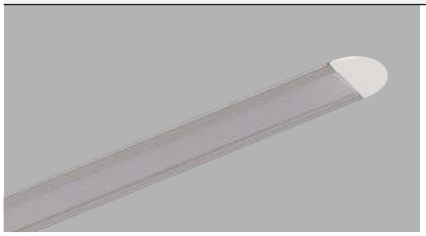


– Metal installation clipses enables easy mounting with quick click and lock system.
– Metal montaj klipsi ile geçmeli sistemine sahip kolay montaj olanağı.

– Sockets at both ends enables this product to be installed in continious mounting system.
– Armatürün her iki tarafında bulunan jaklı soket sistemi ile kesintisiz aydınlatma sağlanır.

Bar Led

Bar Led / I02.LL.19323



Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	10W lm	20W lm
1038mm	CRI>80	I02.LL.19323.(...).(...).(...).(...)	2700K	703	1236
			3000K	725	1275
			3500K	736	1295
			4000K	765	1345
			5000K	776	1364
	CRI>90	I02.LL.19323.(...).(...).(...).(...)	2700K	590	1038
			3000K	607	1068
			3500K	618	1087
			4000K	641	1127

* Code example / Kod örneği:

I02.LL.19323 . 1038 . 020 . 830 . 01

1 2 3 4 5

(...) / Complete Code / Komple Kod

2 Lenght / Uzunluk (A)	Cutout Dimension / Kesim Ölçüsü	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk	
1038mm	Ax18mm	10W 10W (Direct) 20W 20W (Direct)	827 CRI>80 - 2700K	927 CRI>90 - 2700K			01	white
			830 CRI>80 - 3000K	930 CRI>90 - 3000K			02	ral 9010
			835 CRI>80 - 3500K	935 CRI>90 - 3500K			03	black
			840 CRI>80 - 4000K	940 CRI>90 - 4000K			04	gray
			850 CRI>80 - 5000K				05	dark gray
							06	special color

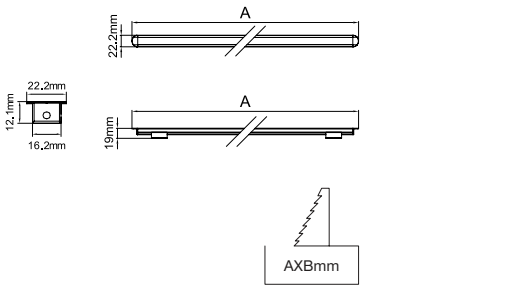
LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 0.2 | CRI 80 CRI 90 CRI 98

5 / Product Color / Ürün Renk

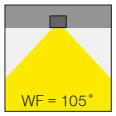


WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı





Bar Led

Bar Led / I02.LL.19325



* Code example / Kod örneği:

I02.LL.19325 . 1022 . 020 . 830 . 01

1 2 3 4 5

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	10W lm	20W lm
1022mm	CRI>80	I02.LL.19325 . (...) . (...) . (...) . (...)	2700K	589	1036
			3000K	608	1070
			3500K	617	1086
			4000K	641	1128
			5000K	650	1144
	CRI>90	I02.LL.19325 . (...) . (...) . (...) . (...)	2700K	494	870
			3000K	509	895
			3500K	518	912
			4000K	537	945

(...) / Complete Code / Komple Kod

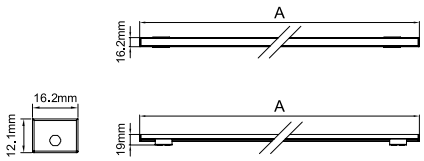
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin				5 Product Color / Ürün Renk		
1022mm	10W 10W (Direct) 20W 20W (Direct)	827	CRI>80 - 2700K	927	CRI>90 - 2700K		01	white
		830	CRI>80 - 3000K	930	CRI>90 - 3000K		02	ral 9010
		835	CRI>80 - 3500K	935	CRI>90 - 3500K		03	black
		840	CRI>80 - 4000K	940	CRI>90 - 4000K		04	gray
		850	CRI>80 - 5000K				05	dark gray
							06	special color

LED A A+ A++ SASO CB LVD CE EAC F IP20 kg 0.2 CRI 80 CRI 90 CRI 98

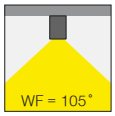
5 / Product Color / Ürün Renk

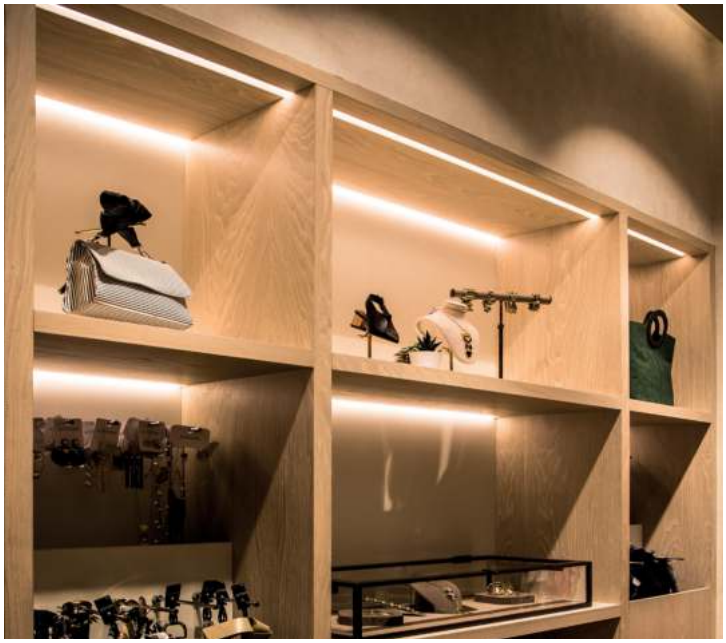
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim



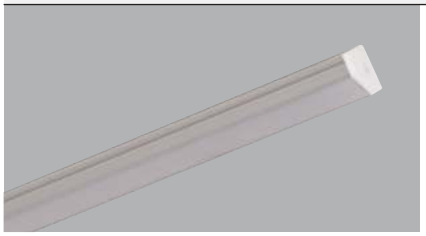
Beam Angle / Işık Açısı





Bar Led

Bar Led / I02.LL.19326



* Code example / Kod örneği:

I02.LL.19326 . 1022 . 020 . 830 . 01

1 2 3 4 5

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	10W lm	20W lm
1022mm	CRI>80	I02.LL.19326 . (...) . (...) . (...) . (...)	2700K	672	1183
			3000K	694	1220
			3500K	705	1239
			4000K	732	1287
			5000K	742	1306
	CRI>90	I02.LL.19326 . (...) . (...) . (...) . (...)	2700K	565	993
			3000K	581	1022
			3500K	592	1041
			4000K	613	1078

(...) / Complete Code / Komple Kod

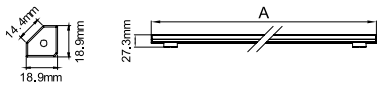
2 Lenght / Uzunluk (A)	3 Watt - Driving Current / Watt - Sürüş Akımı	4 CRI / Kelvin		5 Product Color / Ürün Renk
1022mm	10W 10W (Direct) 20W 20W (Direct)	827 CRI>80 - 2700K	927 CRI>90 - 2700K	01 white
		830 CRI>80 - 3000K	930 CRI>90 - 3000K	02 ral 9010
		835 CRI>80 - 3500K	935 CRI>90 - 3500K	03 black
		840 CRI>80 - 4000K	940 CRI>90 - 4000K	04 gray
		850 CRI>80 - 5000K		05 dark gray
				06 special color

LED A A+ A++ | SASO CB LVD CE ERC F IP20 | kg 0.3 | CRI 80 CRI 90 CRI 98

5 / Product Color / Ürün Renk

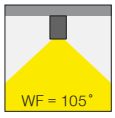
WHITE = 01 | Ral 9010 = 02 | BLACK = 03 | GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Technical Drawing / Teknik Çizim





Beam Angle / Işık Açısı



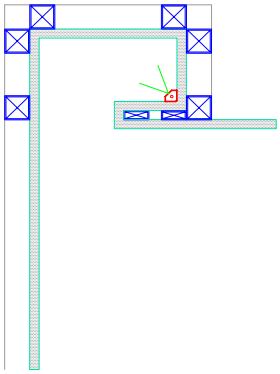






Perfect for illumination of the coves with corner installation and light panel stays with 45-DG positioning.

Gizli ışık aydınlatması için mükemmel çözüm sağlar. Diffüzör 45-Derece açılı durarak ışığı homojen olarak dağıtır.

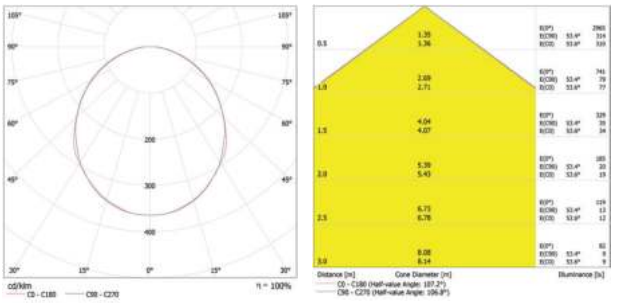


LDT Files / LDT Dataları

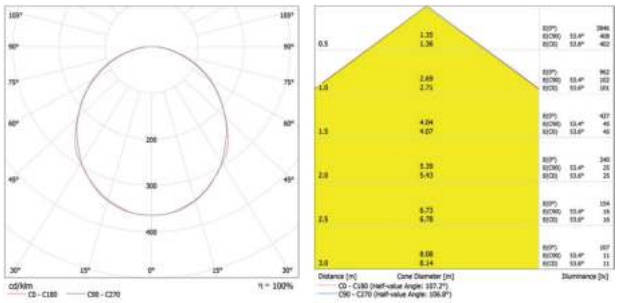


I02.LL.19315

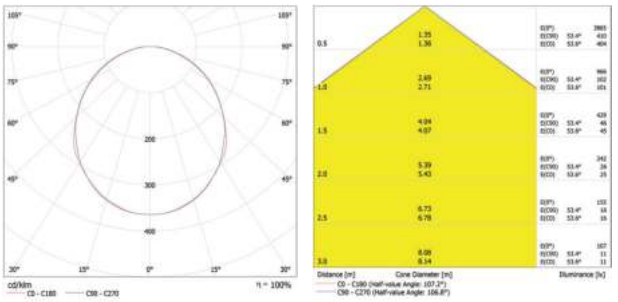
Beam Angle: 107° 19W / 250mA / SMD LED



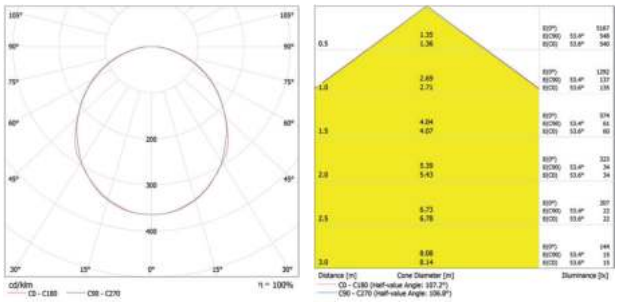
Beam Angle: 107° 25W / 350mA / SMD LED



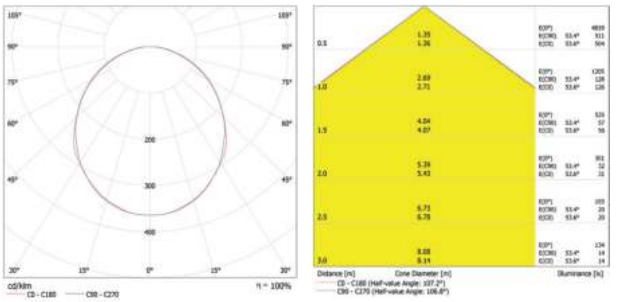
Beam Angle: 107° 24W / 250mA / SMD LED



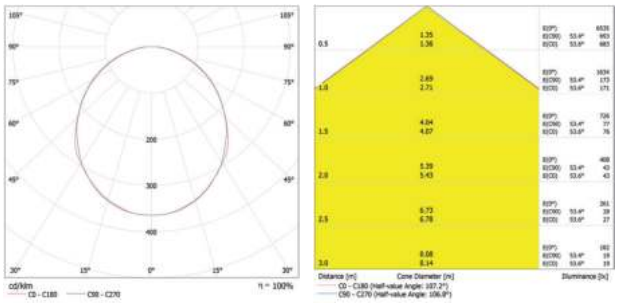
Beam Angle: 107° 34W / 350mA / SMD LED



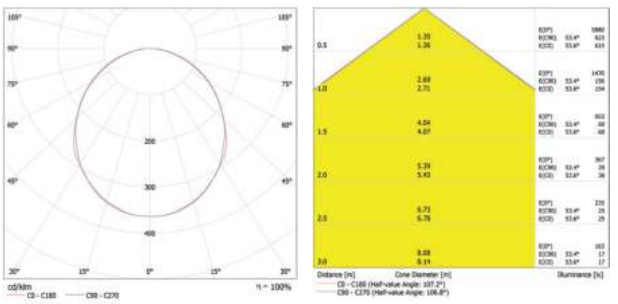
Beam Angle: 107° 30W / 250mA / SMD LED



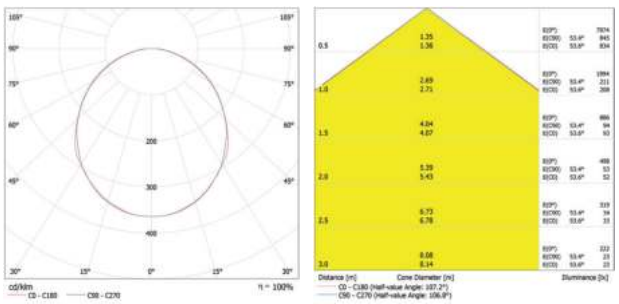
Beam Angle: 107° 42W / 350mA / SMD LED



Beam Angle: 107° 36W / 250mA / SMD LED



Beam Angle: 107° 51W / 350mA / SMD LED

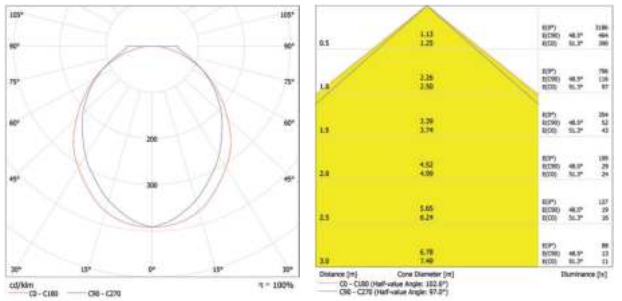


LDT Files / LDT Dataları



I02.LL.19322

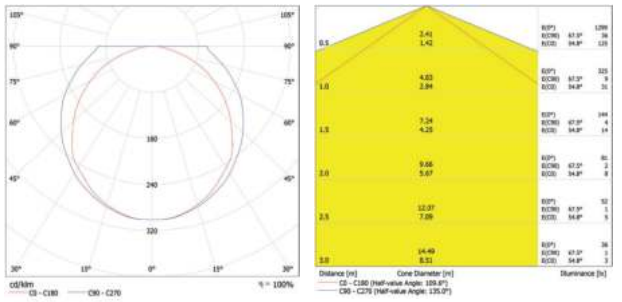
Beam Angle: 103° | 21W / 0mA / SMD LED



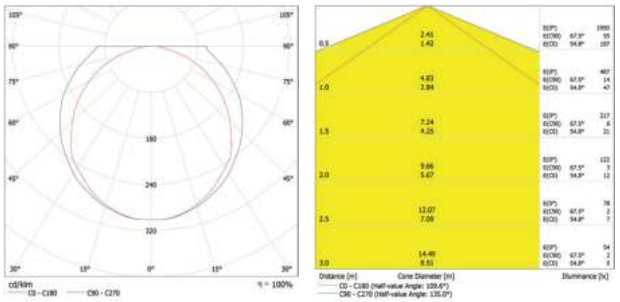


I02.LL.19320

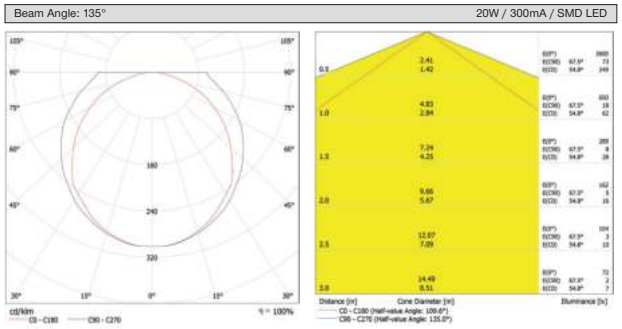
Beam Angle: 135° | 10W / 150mA / SMD LED



Beam Angle: 135° | 15W / 300mA / SMD LED



Beam Angle: 135° | 20W / 300mA / SMD LED

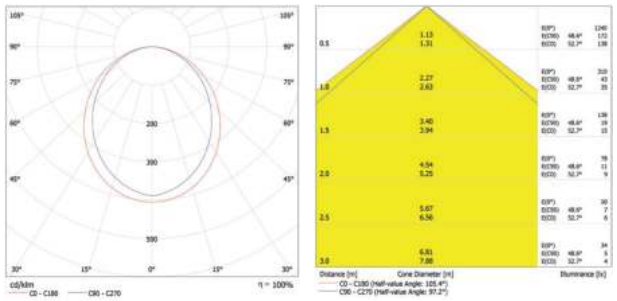


LDT Files / LDT Dataları

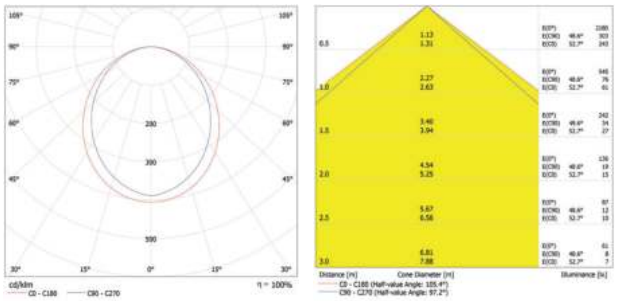


I02.LL.19323

Beam Angle: 105° | 10W / 24V / SMD LED



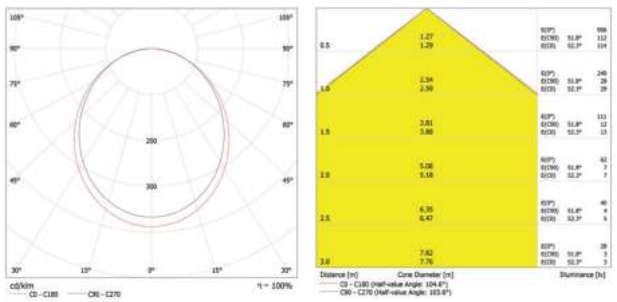
Beam Angle: 105° | 20W / 24V / SMD LED



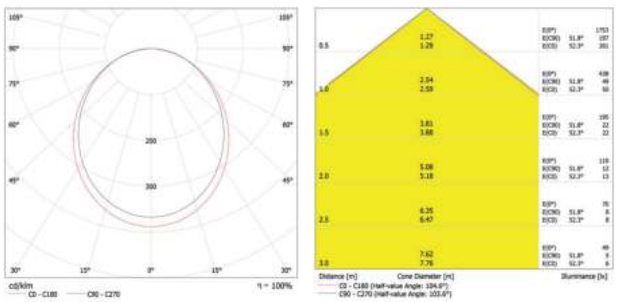


I02.LL.19325

Beam Angle: 105° | 10W / 24V / SMD LED



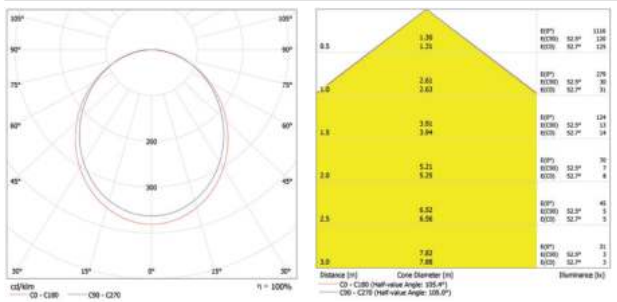
Beam Angle: 105° | 20W / 24V / SMD LED



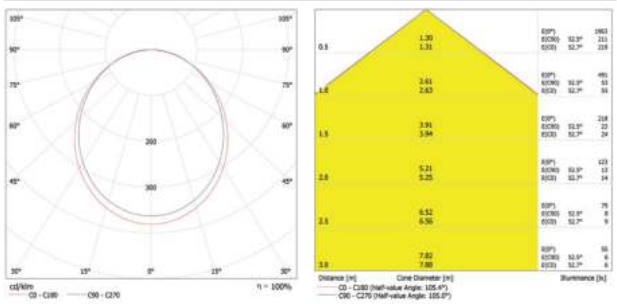


I02.LL.19326

Beam Angle: 105° | 10W / 24V / SMD LED

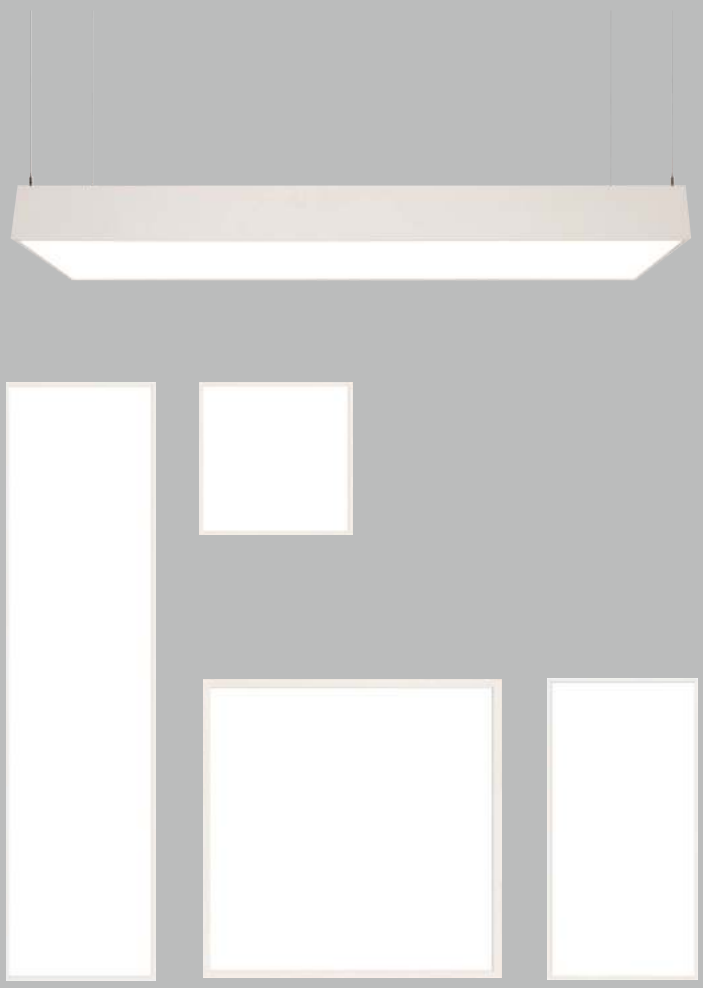


Beam Angle: 105° | 20W / 24V / SMD LED



PANOS Linea Led





PANOS designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Opal louvre in acrylic and also microprismatic version available for low UGR. Surface mounted and pendant versions available with both direct and direct/indirect light output.

SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

PANOS ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. Opal diffüzör yapılı ve alternatif olarak düşük kamaşma sağlayan mikroprizmatik diffüzörlü seçeneği mevcuttur. Direkt ve Direkt/Endirekt sarkıt ve sıvaüstü montaj seçenekleri mevcuttur.

Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Panos

DIM Options / DIM seçenekleri

		Panos Susp. 30x30cm	Panos Surface 30x30cm	 Panos Susp. 60x60cm	Panos Surface 60x60cm	 Panos Susp. 30x60cm
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its PANOS range that provides easy control and saves time on wiring during installation.

Avolux PANOS serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.

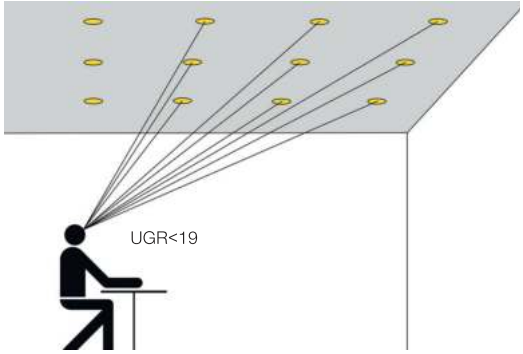




UGR Glare / UGR Kamaşma

PANOS series provides UGR<22 which is an acceptable standart for offices, schools etc. With extra attachment of microprismatic diffuser in front of opal diffuser, UGR<19 low glare standart can be reached.

PANOS serisi UGR<22 orta düzey kamaşma değerlerini sağlamaktadır. Bu standart okul, ofis gibi alanlarda kabul edilebilir bir seviyedir. Alternatif olkarak opal diffüzör önüne ilave edilebilen microprismatic diffüzör sayesinde UGR<19 düşük kamaşma değerlerine ulaşılabilir.



Panos

						
Panos Surface 30x60cm	**Panos Susp. 30x120cm**	**Panos Surface 30x120cm**	**Panos Susp. D/I 30x30cm**	**Panos Susp. D/I 60x60cm**	**Panos Susp. D/I 30x60cm**	**Panos Susp. D/I 30x120cm**
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its PANOS range. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux PANOS serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



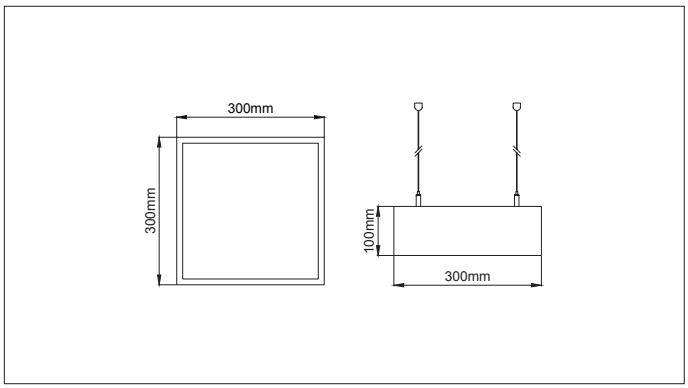
Xpress





Panos Suspendant





* Code example / Kod örneği:

I02.LL.21110 . 014 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

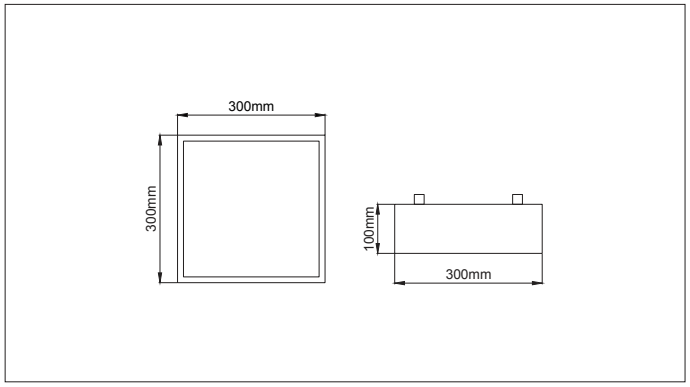
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.21110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	100mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	1213lm	1252lm	1271lm	1320lm	1339lm
System efficiency / Sistem verimliliği	87lm/W	89lm/W	91lm/W	94lm/W	96lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	14W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Surface Mounted





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 1.8 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.21210 . 014 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

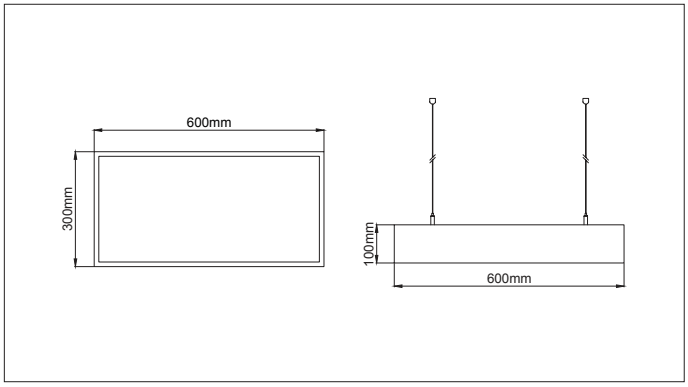
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.21210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	100mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	1213lm	1252lm	1271lm	1320lm	1339lm
System efficiency / Sistem verimliliği	87lm/W	89lm/W	91lm/W	94lm/W	96lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	14W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Suspendant





2.8

* Code example / Kod örneği:

I02.LL.22110 . 024 . 830 . 01

1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

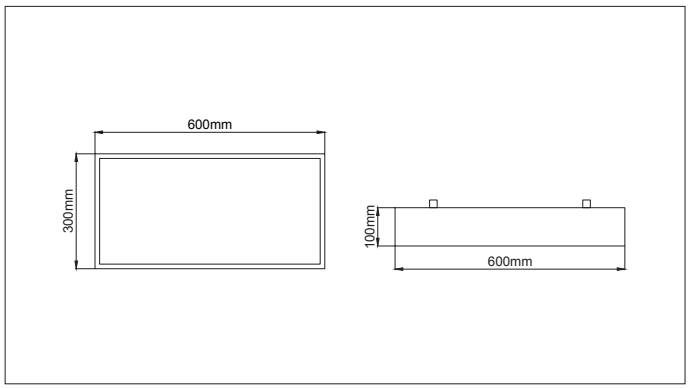
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2426lm	2504lm	2543lm	2640lm	2679lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	106lm/W	110lm/W	112lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	24W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Surface Mounted





LED A A+ A++ | SASO | CB | LVD | CE | EAC | IP40 | kg 2.8 | CRI 80 | CRI 90

* Code example / Kod örneği:

I02.LL.22210 . 024 . 830 . 01

1 2 3 4

1- **Product code** / Armatür kodu
2- **Power** / Güç
3- **CRI** / Kelvin
4- **Colour** / Ürün renk
5- **Control type** / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

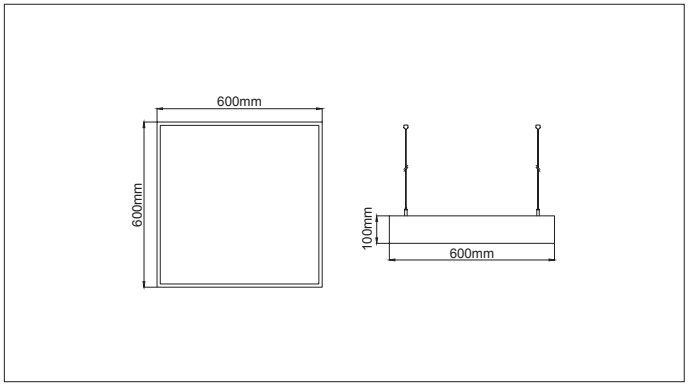
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2426lm	2504lm	2543lm	2640lm	2679lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	106lm/W	110lm/W	112lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	24W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

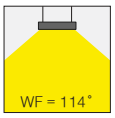
I02.LL.23110 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

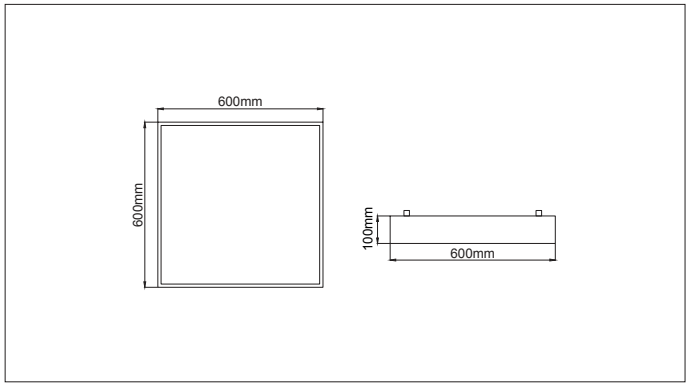
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Surface Mounted





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.23210 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Wadge
Takoz



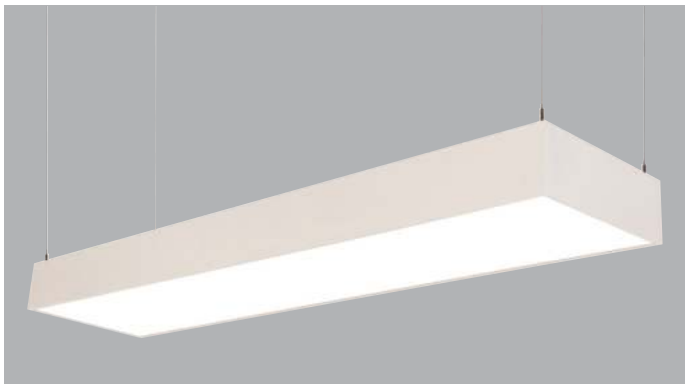
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

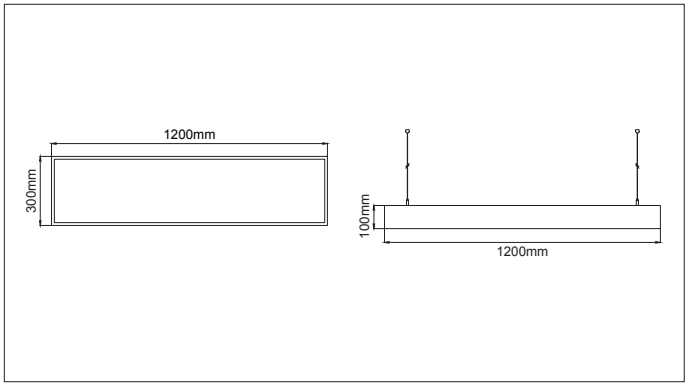
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.8 | CRI 80 CRI 90

* Code example / Kod örneği:

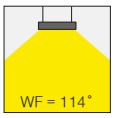
I02.LL.24110 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



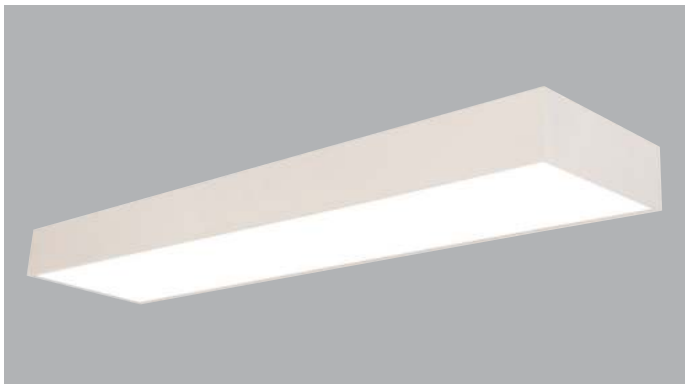
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

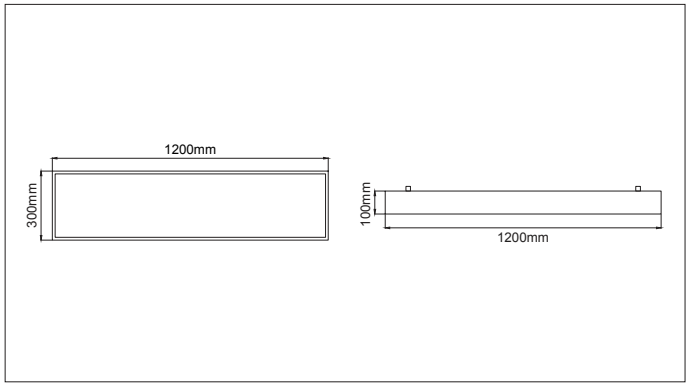
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Surface Mounted





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.8 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.24210 . 044 . 830 . 01
1 2 3 4

1- **Product code** / Armatür kodu
2- **Power** / Güç
3- **CRI** / Kelvin
4- **Colour** / Ürün renk
5- **Control type** / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



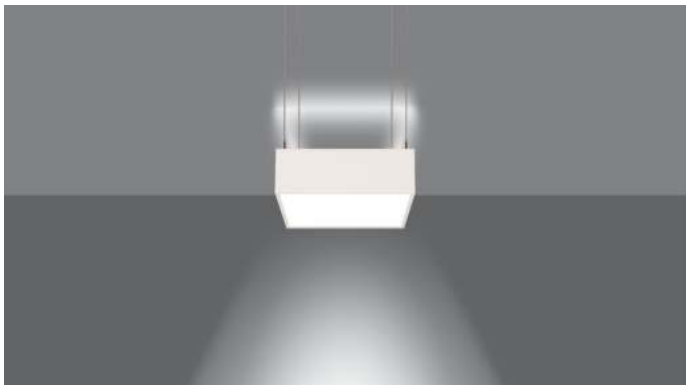
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

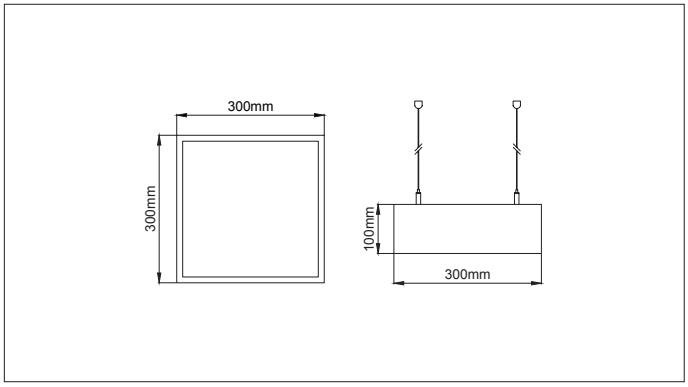
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 1.8 | CRI 80 CRI 90

* Code example / Kod örneği:

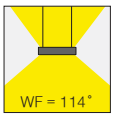
I02.LL.21310 . 025 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



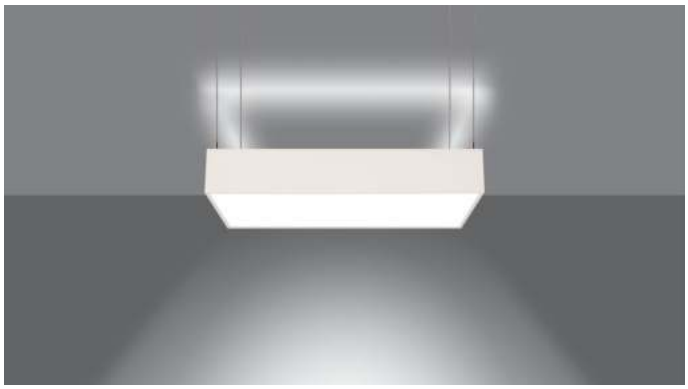
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

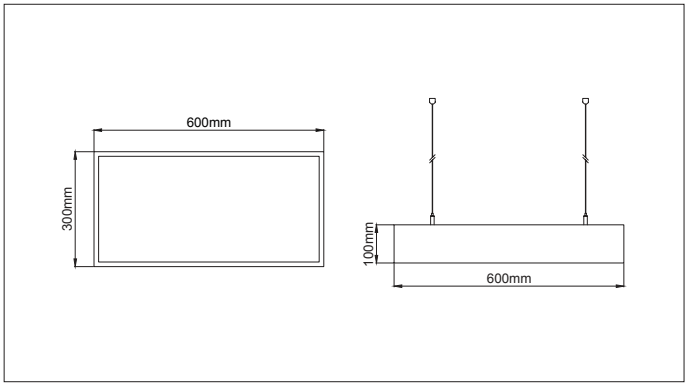
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.21310.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	100mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	1790lm	1847lm	1875lm	1948lm	1976lm
System efficiency / Sistem verimliliği	72lm/W	74lm/W	75lm/W	78lm/W	79lm/W
Luminous flux Direct / Işık akısı Direkt	1213lm	1252lm	1271lm	1320lm	1339lm
Luminous flux Indirect / Işık akısı Endirekt	577lm	595lm	604lm	628lm	637lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W (14W Direkt - 11W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Direct/Indirect





LED A A+ A++ | SASO | CB | LVD | CE | EAC | F | IP40 | kg 2.8 | CRI 80 | CRI 90

* Code example / Kod örneği:

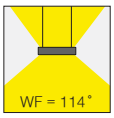
I02.LL.22310 . 041 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



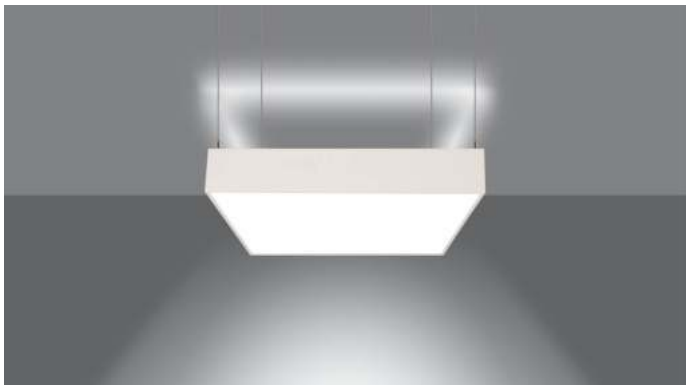
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

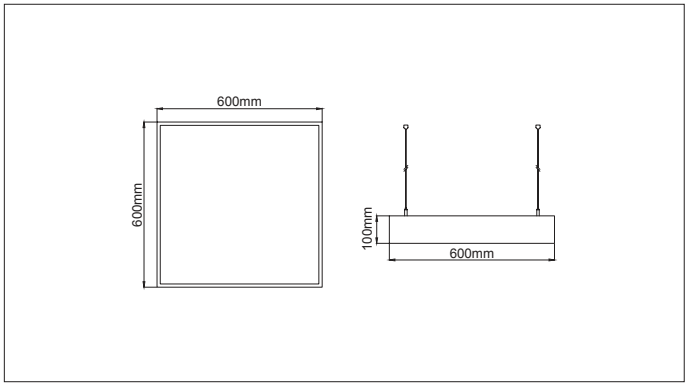
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22310.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3451lm	3565lm	3620lm	3759lm	3814lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	2426lm	2504lm	2543lm	2640lm	2679lm
Luminous flux Indirect / Işık akısı Endirekt	1025lm	1061lm	1077lm	1119lm	1135lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40.5W (24W Direkt - 16.5W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Direct/Indirect





LED A A+ A++

SASO CB LVD CE EAC F IP40

kg 4.5

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.23310 . 068 . 830 . 01

1 2 3 4

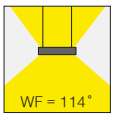
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



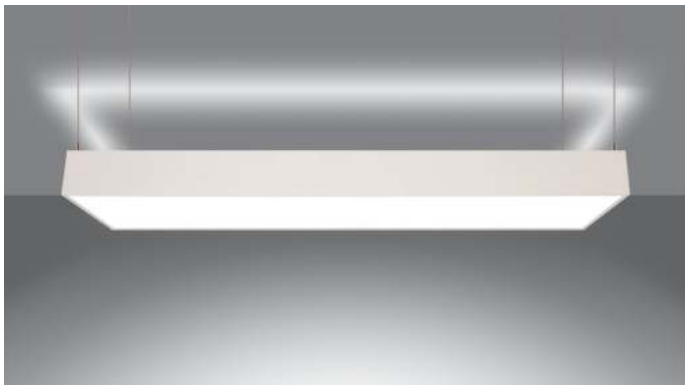
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

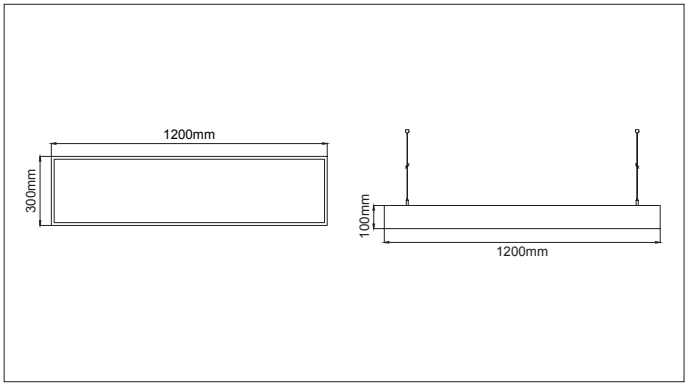
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6354lm	6557lm	6659lm	6913lm	7015lm
System efficiency / Sistem verimliliği	93lm/W	96lm/W	98lm/W	102lm/W	103lm/W
Luminous flux Direct / Işık akısı Direkt	4853lm	5008lm	5086lm	5280lm	5358lm
Luminous flux Indirect / Işık akısı Endirekt	1501lm	1549lm	1573lm	1633lm	1657lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	68W (44W Direkt - 24W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Direct/Indirect





LED A A+ A++ | SASO | CB | LVD | CE | EAC | IP40 | kg 4.8 | CRI 80 | CRI 90

* Code example / Kod örneği:

I02.LL.24310 . 072 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

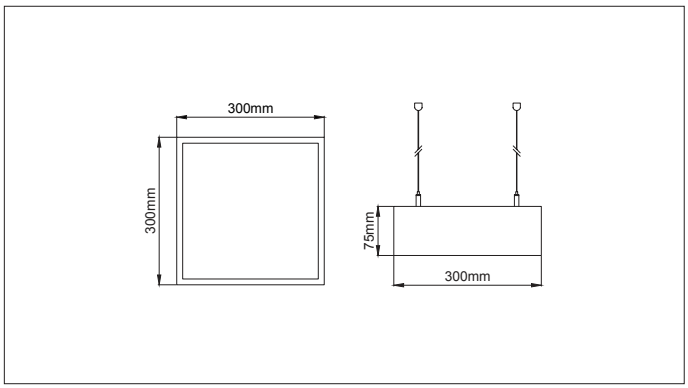
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6818lm	7036lm	7145lm	7418lm	7527lm
System efficiency / Sistem verimliliği	95lm/W	98lm/W	99lm/W	103lm/W	105lm/W
Luminous flux Direct / Işık akısı Direkt	4853lm	5008lm	5086lm	5280lm	5358lm
Luminous flux Indirect / Işık akısı Endirekt	1965lm	2028lm	2059lm	2138lm	2169lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	72W (44W Direkt - 28W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 1.8 | CRI 80 CRI 90

* Code example / Kod örneği:

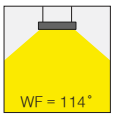
I02.LL.21107 . 014 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

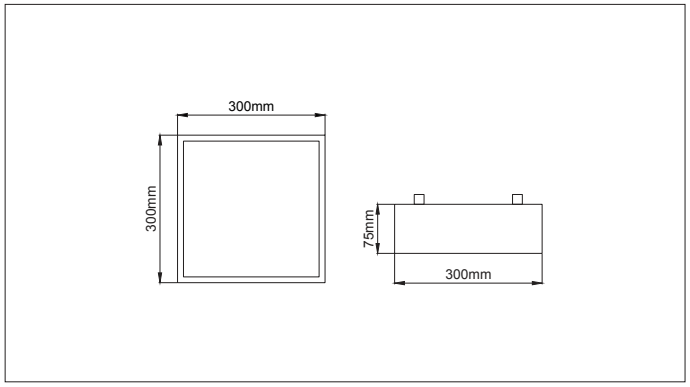
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.21107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	75mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	1213lm	1252lm	1271lm	1320lm	1339lm
System efficiency / Sistem verimliliği	87lm/W	89lm/W	91lm/W	94lm/W	96lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	14W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Surface Mounted





LED A A+ A++ SASO CB LVD CE EAC F IP40

kg 1.8 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.21207 . 014 . 830 . 01

1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

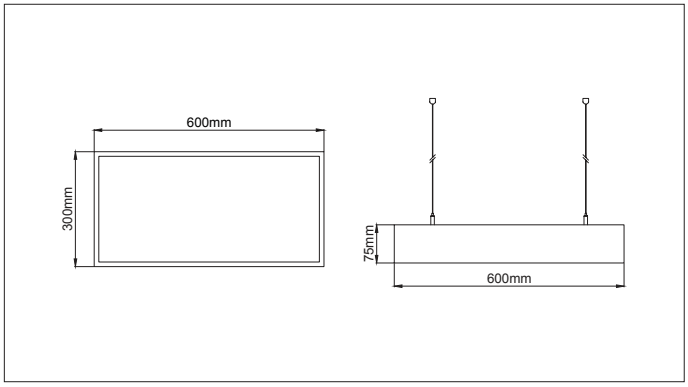
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	75mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	1213lm	1252lm	1271lm	1320lm	1339lm
System efficiency / Sistem verimliliği	87lm/W	89lm/W	91lm/W	94lm/W	96lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	14W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Suspendant





kg 2.8

* Code example / Kod örneği:

I02.LL.22107 . 024 . 830 . 01

1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

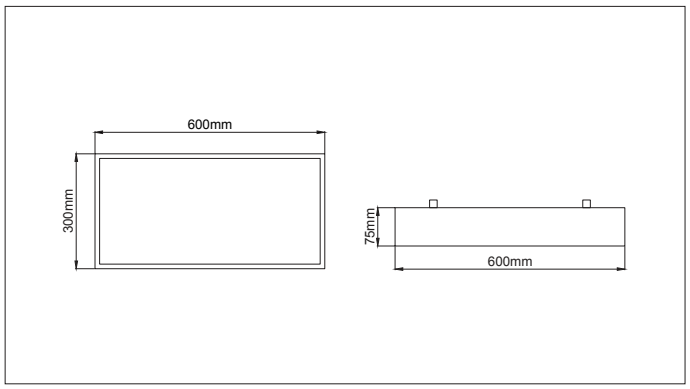
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2426lm	2504lm	2543lm	2640lm	2679lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	110lm/W	0lm/W	0lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	24W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Surface Mounted





LED A A+ A++ | SASO | CB | LVD | CE | EAC | IP40 | kg 2.8 | CRI 80 | CRI 90

* Code example / Kod örneği:

I02.LL.22207 . 024 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

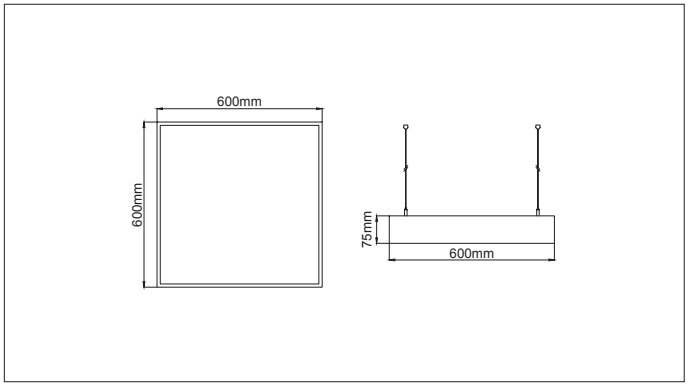
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2426lm	2504lm	2543lm	2640lm	2679lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	110lm/W	0lm/W	0lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	24W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

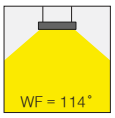
I02.LL.23107 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



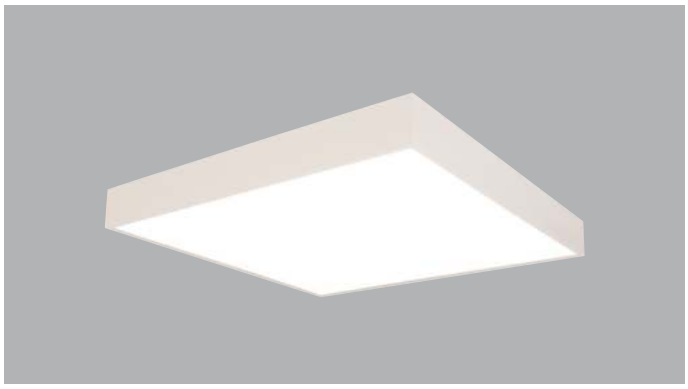
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

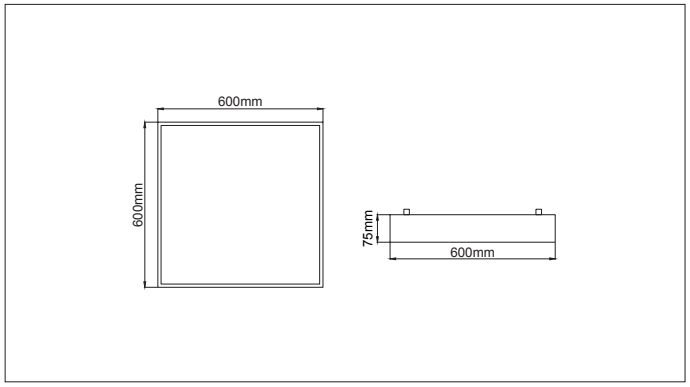
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Surface Mounted





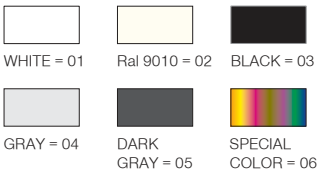
LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.23207 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk



Beam Angle / Işık Açısı



Wadge
Takoz



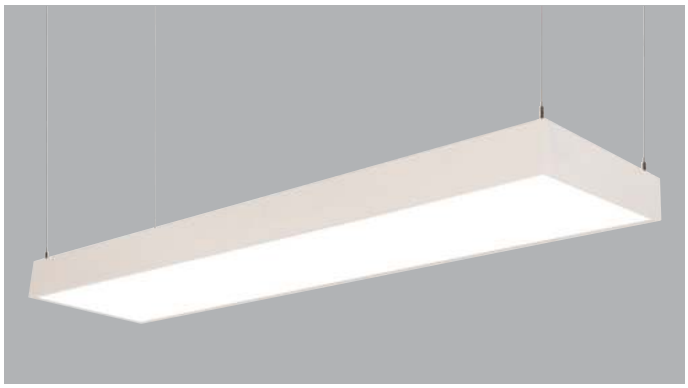
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

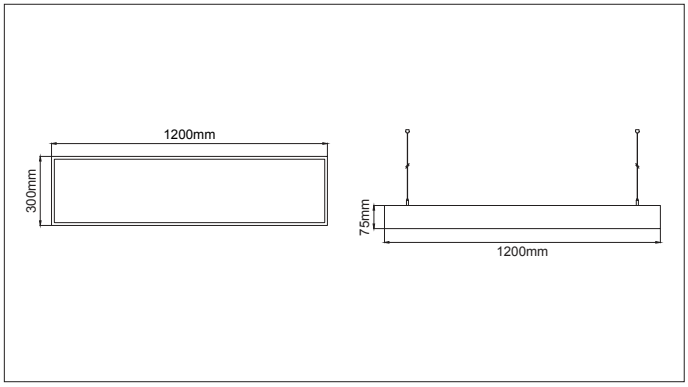
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.8 | CRI 80 CRI 90

* Code example / Kod örneği:

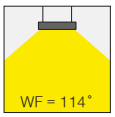
I02.LL.24107 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



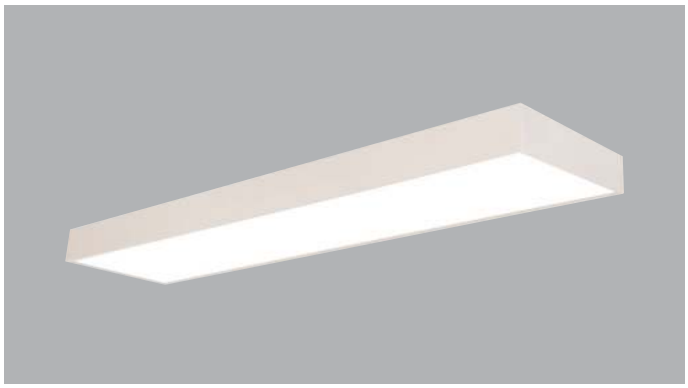
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

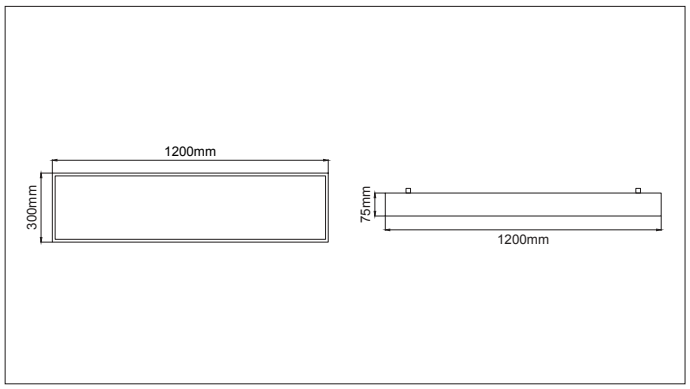
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Surface Mounted





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.8 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.24207 . 044 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



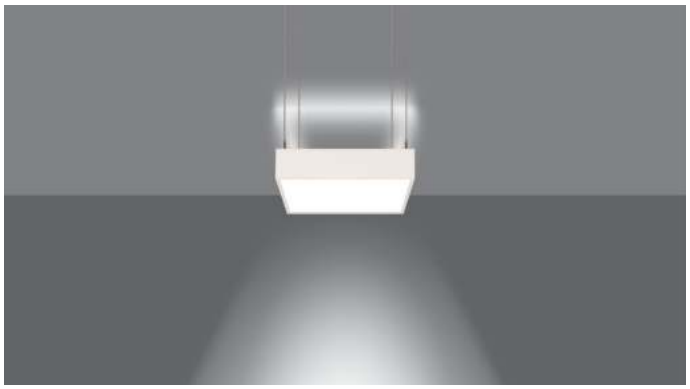
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

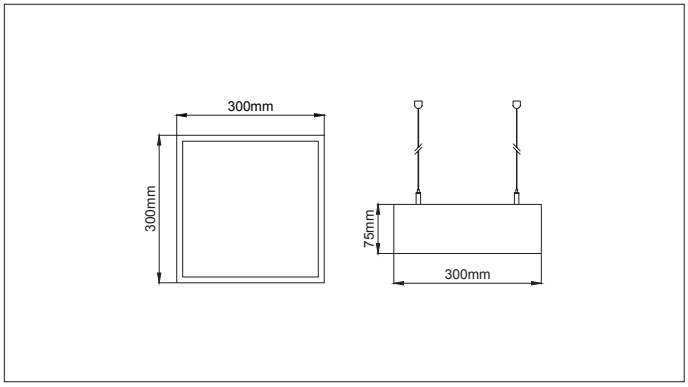
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4853lm	5008lm	5086lm	5280lm	5358lm
System efficiency / Sistem verimliliği	110lm/W	114lm/W	116lm/W	120lm/W	122lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	44W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 1.8 | CRI 80 CRI 90

* Code example / Kod örneği:

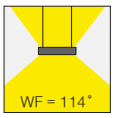
I02.LL.21307 . 025 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



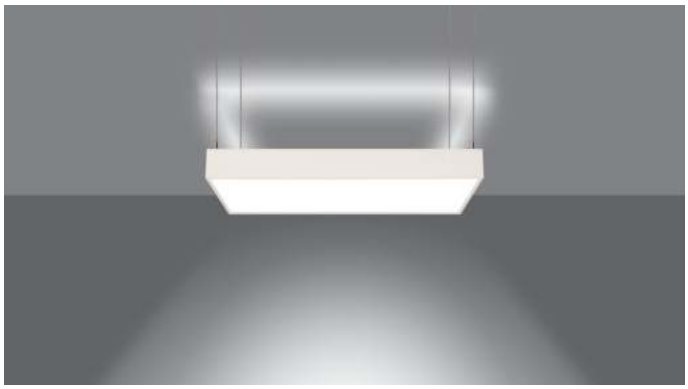
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

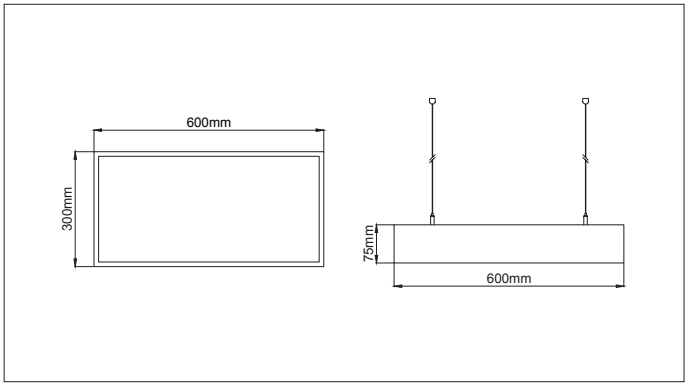
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.21307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x30cm
Height / Yükseklik	75mm
Weight / Ağırlık	1.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	1790lm	1847lm	1875lm	1948lm	1976lm
System efficiency / Sistem verimliliği	72lm/W	74lm/W	75lm/W	78lm/W	79lm/W
Luminous flux Direct / Işık akısı Direkt	1213lm	1252lm	1271lm	1320lm	1339lm
Luminous flux Indirect / Işık akısı Endirekt	577lm	595lm	604lm	628lm	637lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W (14W Direkt - 11W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.8 | CRI 80 CRI 90

* Code example / Kod örneği:

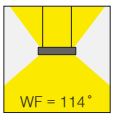
I02.LL.22307 . 041 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01	Ral 9010 = 02	BLACK = 03
GRAY = 04	DARK GRAY = 05	SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



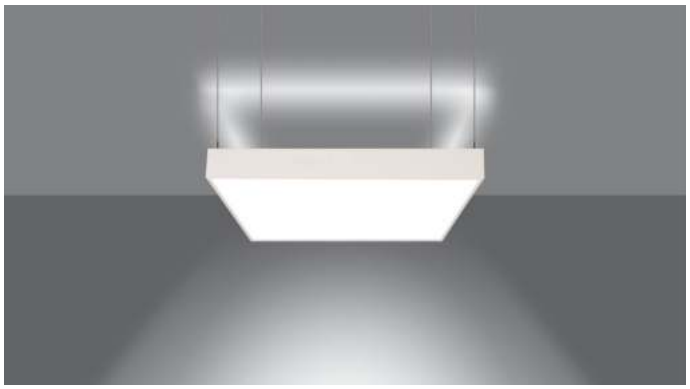
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

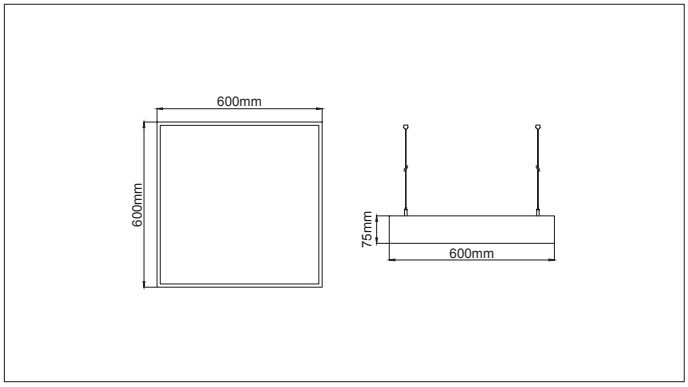
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.22307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3451lm	3565lm	3620lm	3759lm	3814lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	2426lm	2504lm	2543lm	2640lm	2679lm
Luminous flux Indirect / Işık akısı Endirekt	1025lm	1061lm	1077lm	1119lm	1135lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	117°	117°	117°	117°	117°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40.5W (24W Direkt - 16.5W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

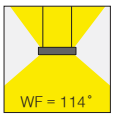
I02.LL.23307 . 068 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



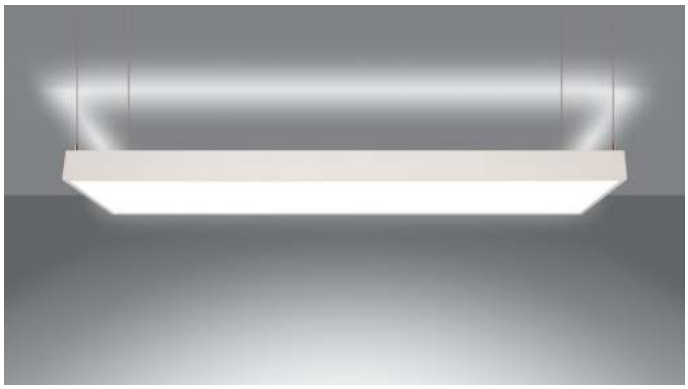
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

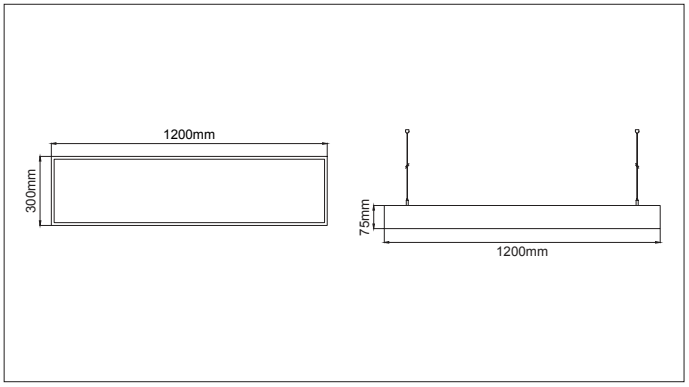
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.23307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6354lm	6557lm	6659lm	6913lm	7015lm
System efficiency / Sistem verimliliği	93lm/W	96lm/W	98lm/W	102lm/W	103lm/W
Luminous flux Direct / Işık akısı Direkt	4853lm	5008lm	5086lm	5280lm	5358lm
Luminous flux Indirect / Işık akısı Endirekt	1501lm	1549lm	1573lm	1633lm	1657lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	68W (44W Direkt - 24W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Slim Direct/Indirect





kg 4.8

* Code example / Kod örneği:

I02.LL.24307 . 072 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.24307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	30x120cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

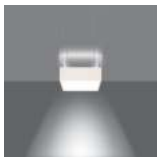
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6818lm	7036lm	7145lm	7418lm	7527lm
System efficiency / Sistem verimliliği	95lm/W	98lm/W	99lm/W	103lm/W	105lm/W
Luminous flux Direct / Işık akısı Direkt	4853lm	5008lm	5086lm	5280lm	5358lm
Luminous flux Indirect / Işık akısı Endirekt	1965lm	2028lm	2059lm	2138lm	2169lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	72W (44W Direkt - 28W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

LDT Files / LDT Dataları

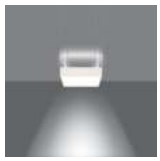

I02.LL.21110


I02.LL.21210

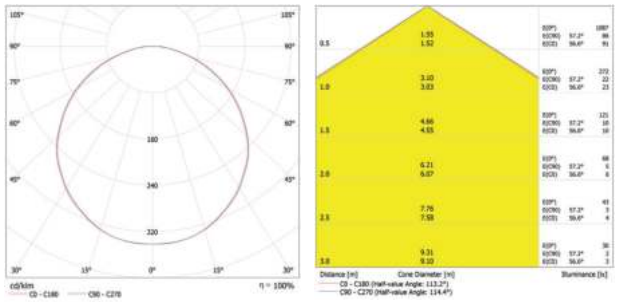

I02.LL.21310


I02.LL.21107

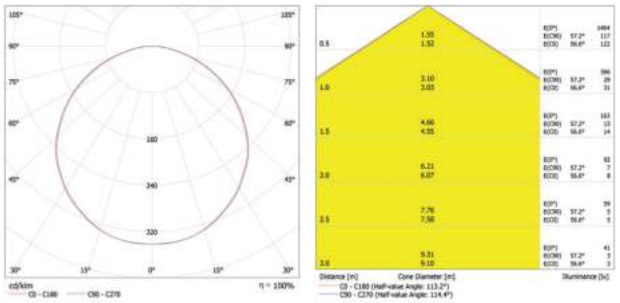

I02.LL.21207


I02.LL.21307

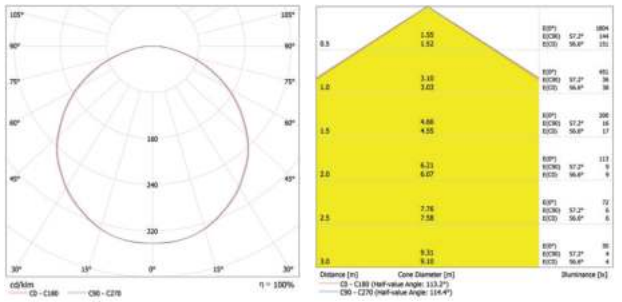
Beam Angle: 114° | 10W / 250mA / SMD LED



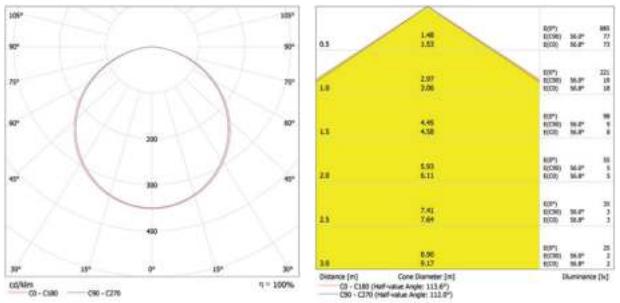
Beam Angle: 114° | 12W / 350mA / SMD LED



Beam Angle: 114° | 14W / 450mA / SMD LED

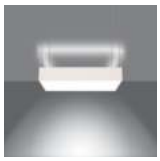


Beam Angle: 114° | 11W / 250mA / Indirect / SMD LED



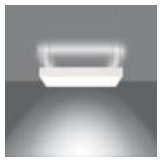

I02.LL.22110


I02.LL.22210

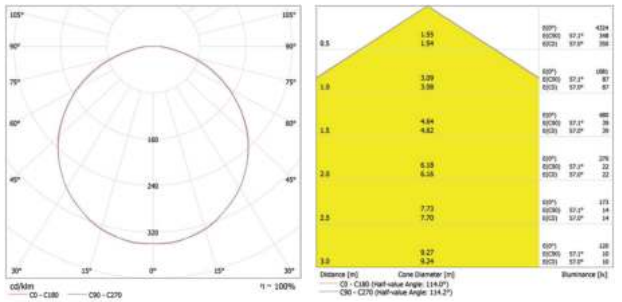

I02.LL.22310


I02.LL.22107

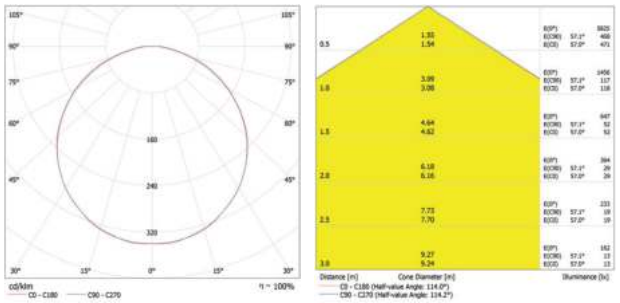

I02.LL.22207


I02.LL.22307

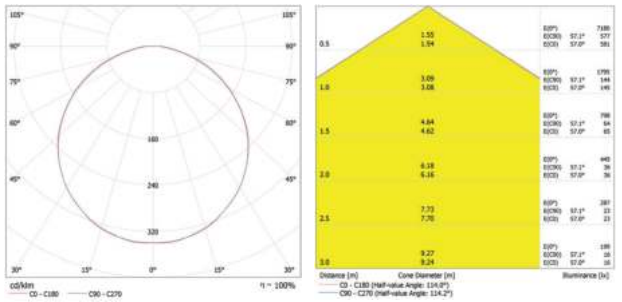
Beam Angle: 114° | 26W / 250mA / SMD LED



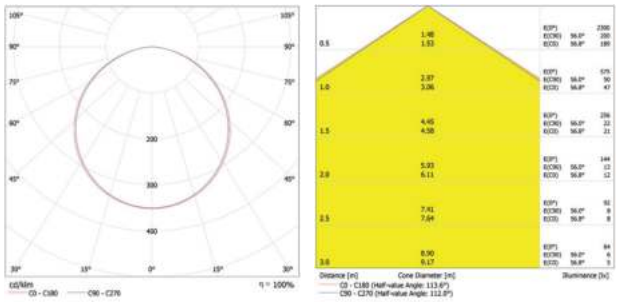
Beam Angle: 114° | 35W / 350mA / SMD LED



Beam Angle: 114° | 44W / 450mA / SMD LED



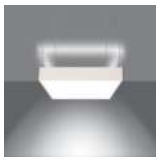
Beam Angle: 114° | 24W / 250mA / Indirect / SMD LED



LDT Files / LDT Dataları


I02.LL.23110


I02.LL.23210

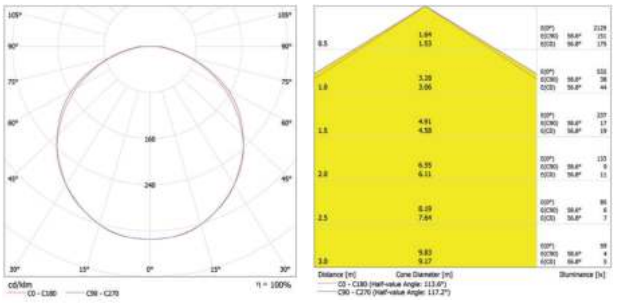

I02.LL.23310


I02.LL.23107

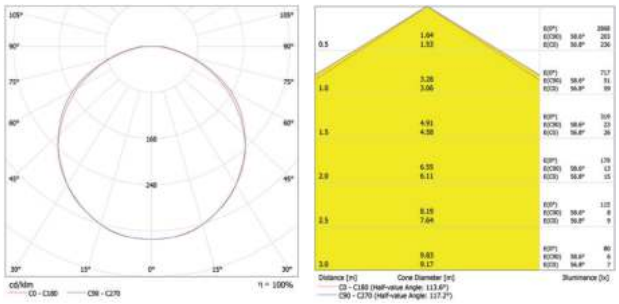

I02.LL.23207


I02.LL.23307

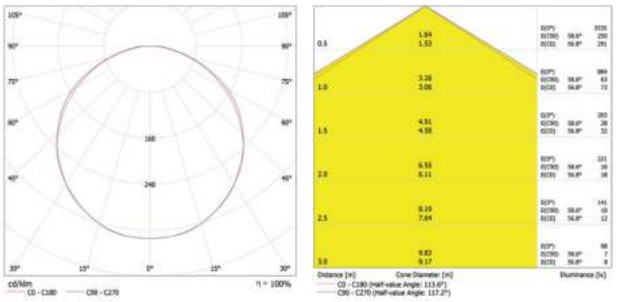
Beam Angle: 114° — 15W / 250mA / SMD LED



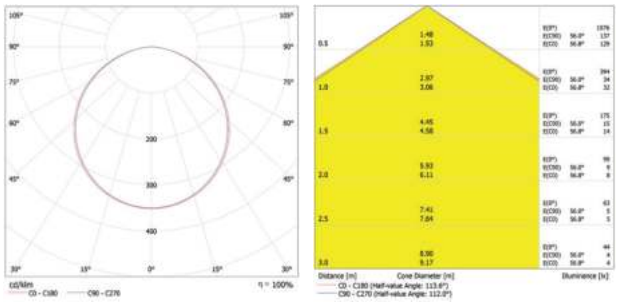
Beam Angle: 114° — 19W / 350mA / SMD LED



Beam Angle: 114° — 24W / 450mA / SMD LED



Beam Angle: 114° — 16W / 250mA / Indirect / SMD LED




I02.LL.24110


I02.LL.24210

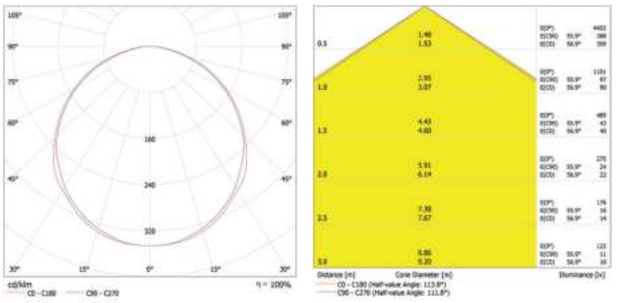

I02.LL.24310


I02.LL.24107

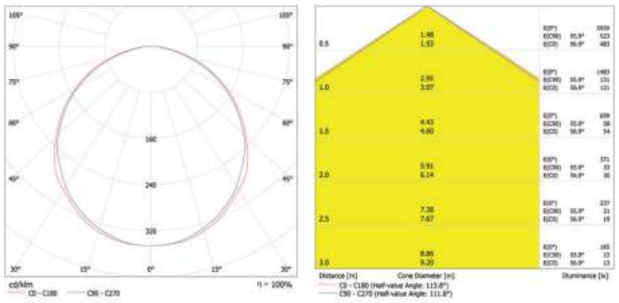

I02.LL.24207


I02.LL.24307

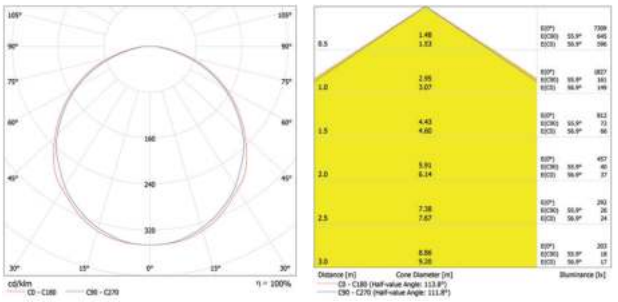
Beam Angle: 114° — 26W / 250mA / SMD LED



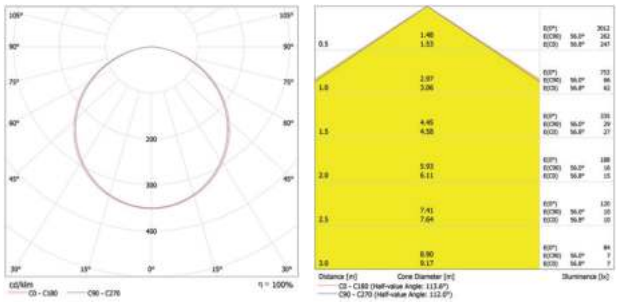
Beam Angle: 114° — 35W / 350mA / SMD LED



Beam Angle: 114° — 44W / 450mA / SMD LED



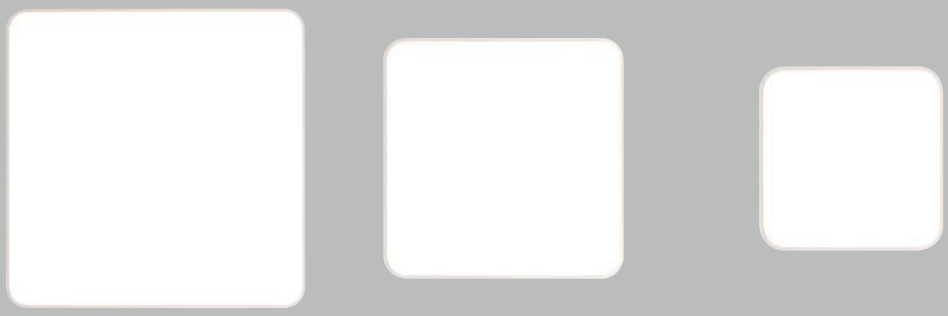
Beam Angle: 114° — 28W / 250mA / Indirect / SMD LED



PANOS RADIUS Linea Led







PANOS RADIUS designed for illuminating various work areas like offices, hospitals, cliniques, schools, govermental buildings etc. Opal louvre in acrylic and also microprismatic version available for low UGR. Surface mounted and pendant versions available with both direct and direct/indirect light output.

SMD board technology inside this range designed to maximize the efficiency and homogenity of the light output.

PANOS RADIUS ofis, okul, hastane, klinik, kamu binaları gibi birçok farklı projede tercih edilebilir. Opal diffüzör yapılı ve alternatif olarak düşük kamaşma sağlayan mikroprizmatik diffüzörlü seçeneği mevcuttur. Direkt ve Direkt/Endirekt sarkıt ve sıvaüstü montaj seçenekleri mevcuttur.

Armatür içerisine uygulanan SMD Led teknolojisi hem maksimum verimlilik hem de mükemmel homojenliğe sahip görsel konfor sağlamak için tasarlanmıştır.

Panos Radius

DIM Options / DIM seçenekleri

		Panos Radius Susp. 40x40cm	Panos Radius Surface 40x40cm	Panos Radius Susp. 60x60cm	Panos Radius Surface 60x60cm	 Panos Radius Susp. 80x80cm
ON-OFF		•	•	•	•	•
PHASE CUT DIM / FAZ DİM	Ext.Code / Kod: .PH					
1-10V DIM	Ext.Code / Kod: .VO	•	•	•	•	•
DALI DIM	Ext.Code / Kod: .DA	•	•	•	•	•
WIRELESS DIM / KABLOSUZ DİM	Ext.Code / Kod: .WD	•	•	•	•	•
WARM DIM / SICAK DİM	Ext.Code / Kod: .WM					
TUNABLE WHITE / DİNAMİK BEYAZ	Ext.Code / Kod: .TW	•	•	•	•	•

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its PANOS RADIUS range that provides easy control and saves time on wiring during installation.

Avolux PANOS RADIUS serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.

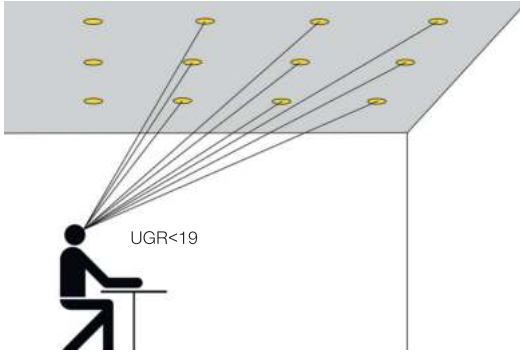




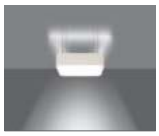
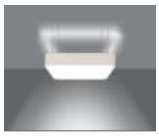
UGR Glare / UGR Kamaşma

PANOS RADIUS series provides UGR<22 which is an acceptable standart for offices, schools etc. With extra attachment of microprismatic diffuser in front of opal diffuser, UGR<19 low glare standart can be reached.

PANOS RADIUS serisi UGR<22 orta düzey kamaşma değerlerini sağlamaktadır. Bu standart okul, ofis gibi alanlarda kabul edilebilir bir seviyedir. Alternatif olkarak opal diffüzör önüne ilave edilebilen microprismatic diffüzör sayesinde UGR<19 düşük kamaşma değerlerine ulaşılabilir.



Panos Radius

			
Panos Radius Surface 80x80cm	**Panos Radius D/I 40x40cm**	**Panos Radius D/I 60x60cm**	**Panos Radius D/I 80x80cm**
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its PANOS RADIUS range. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

Avolux PANOS RADIUS serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



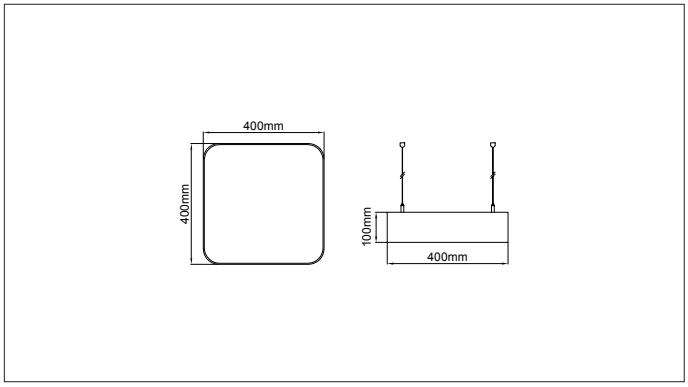
Xpress





Panos Radius Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

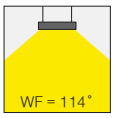
I02.LL.25110 . 023 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

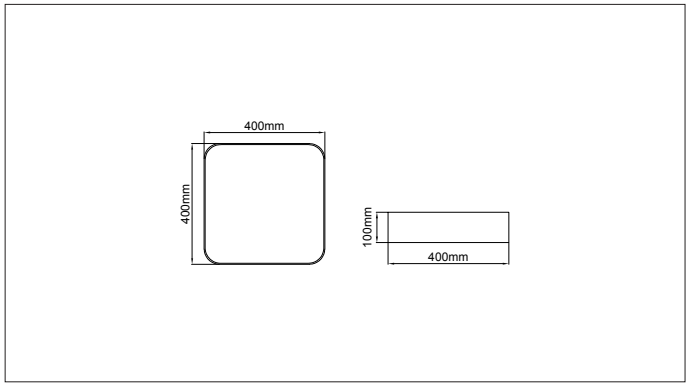
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2593lm	2676lm	2717lm	2821lm	2862lm
System efficiency / Sistem verimliliği	113lm/W	116lm/W	118lm/W	123lm/W	124lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	23W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.25210 . 023 . 830 . 01
1 2 3 4

1- **Product code** / Armatür kodu
2- **Power** / Güç
3- **CRI** / Kelvin
4- **Colour** / Ürün renk
5- **Control type** / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

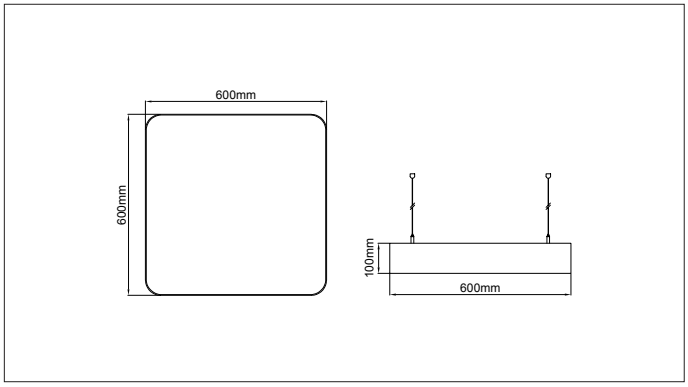
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2593lm	2676lm	2717lm	2821lm	2862lm
System efficiency / Sistem verimliliği	113lm/W	116lm/W	118lm/W	123lm/W	124lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	23W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

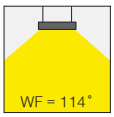
I02.LL.26110 . 053 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



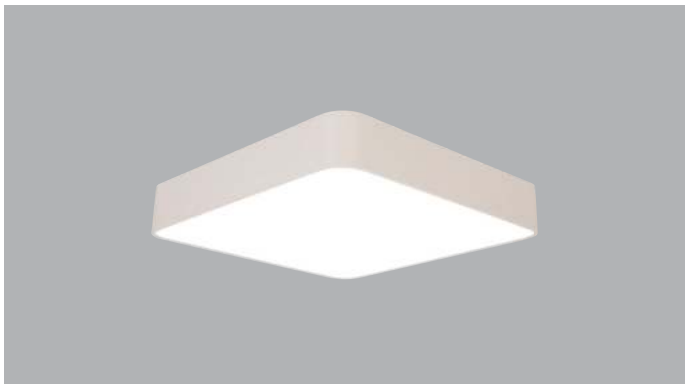
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

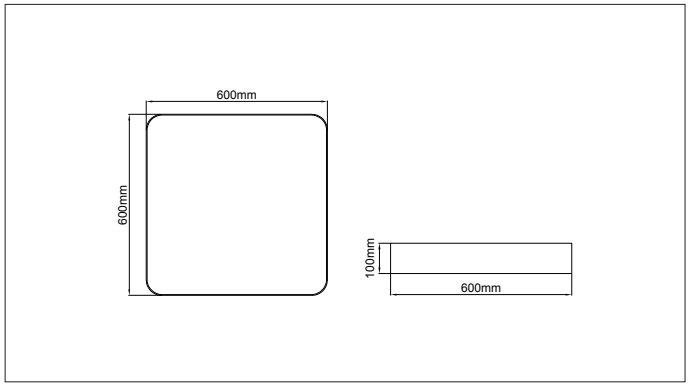
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6553lm	6763lm	6868lm	7130lm	7235lm
System efficiency / Sistem verimliliği	124lm/W	128lm/W	130lm/W	135lm/W	137lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	53W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.26210 . 053 . 830 . 01

1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

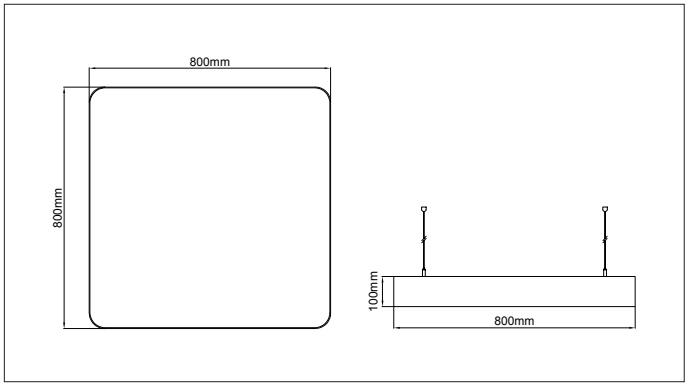
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6553lm	6763lm	6868lm	7130lm	7235lm
System efficiency / Sistem verimliliği	124lm/W	128lm/W	130lm/W	135lm/W	137lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	53W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Suspendant





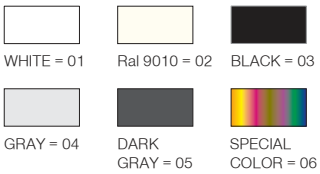
LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 6.5 | CRI 80 CRI 90

* Code example / Kod örneği:

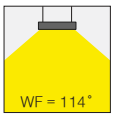
I02.LL.27110 . 104 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk



Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



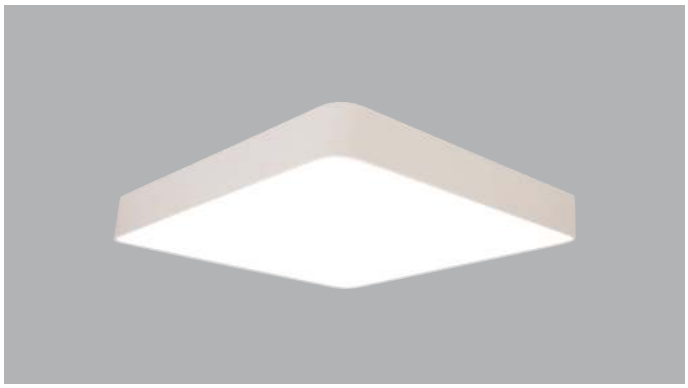
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

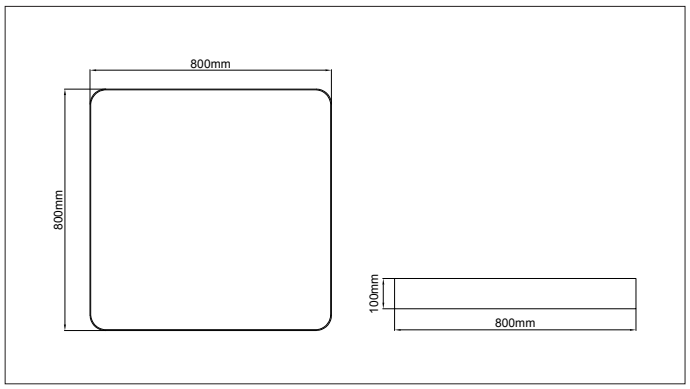
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27110.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	100mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13500lm	13932lm	14148lm	14687lm	14904lm
System efficiency / Sistem verimliliği	130lm/W	134lm/W	136lm/W	141lm/W	143lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	104W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 6.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.27210 . 104 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



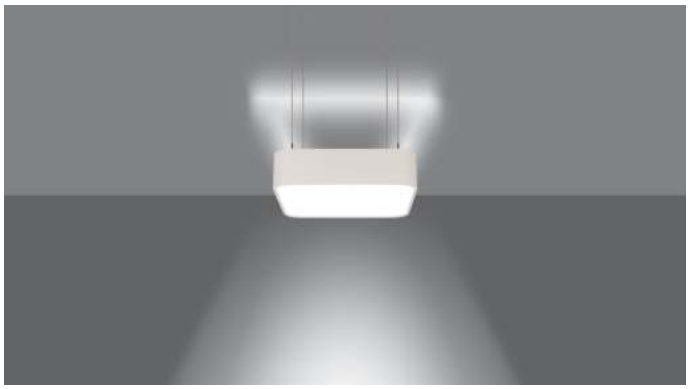
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

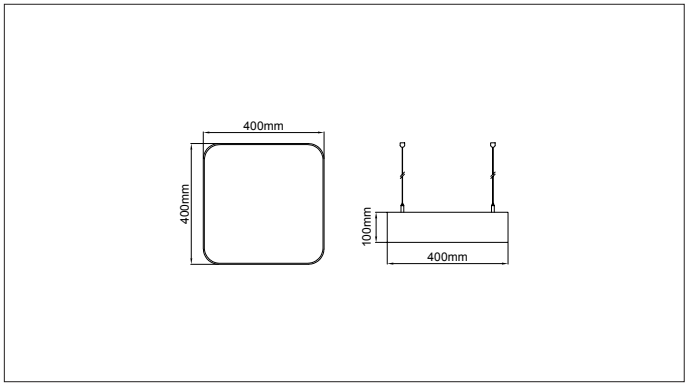
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27210.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	100mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13500lm	13932lm	14148lm	14687lm	14904lm
System efficiency / Sistem verimliliği	130lm/W	134lm/W	136lm/W	141lm/W	143lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	104W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

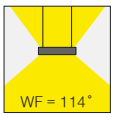
I02.LL.25310 . 034 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



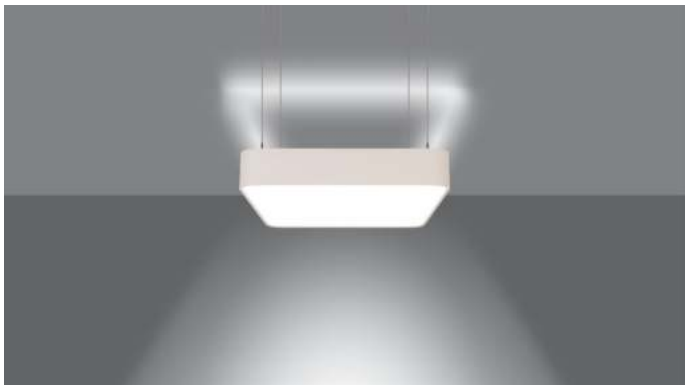
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

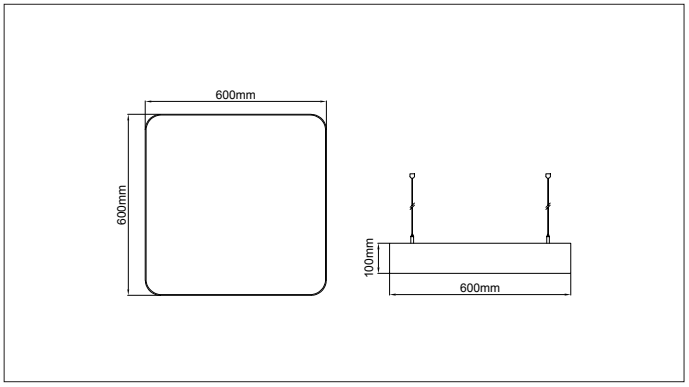
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25310.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3170lm	3271lm	3321lm	3449lm	3499lm
System efficiency / Sistem verimliliği	93lm/W	96lm/W	98lm/W	101lm/W	103lm/W
Luminous flux Direct / Işık akısı Direkt	2593lm	2676lm	2717lm	2821lm	2862lm
Luminous flux Indirect / Işık akısı Endirekt	577lm	595lm	604lm	628lm	637lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	34W (23W Direkt - 11W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

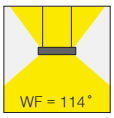
I02.LL.26310 . 077 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



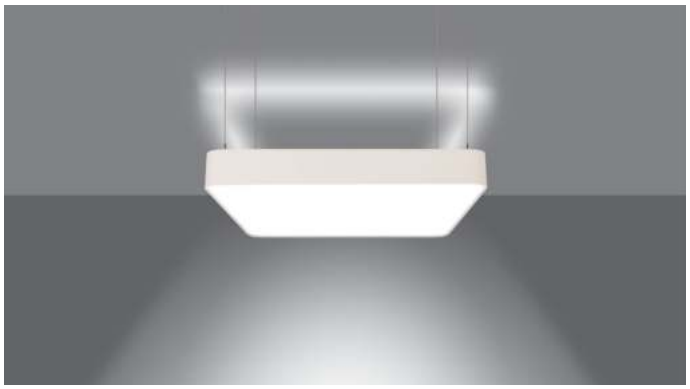
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

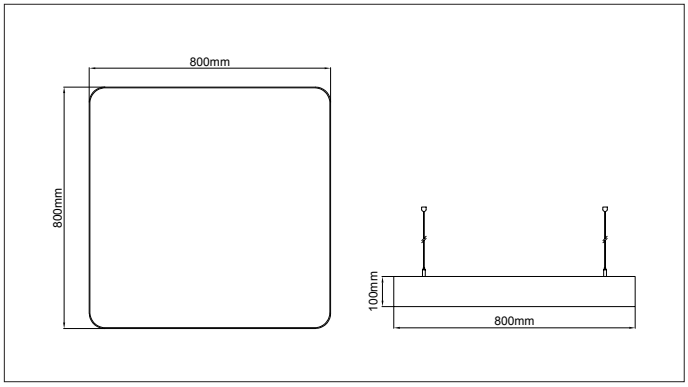
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26310.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	8054lm	8312lm	8441lm	8763lm	8892lm
System efficiency / Sistem verimliliği	105lm/W	108lm/W	110lm/W	114lm/W	115lm/W
Luminous flux Direct / Işık akısı Direkt	6553lm	6763lm	6868lm	7130lm	7235lm
Luminous flux Indirect / Işık akısı Endirekt	1501lm	1549lm	1573lm	1633lm	1657lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	77W (53W Direkt - 24W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 6.5 | CRI 80 CRI 90

* Code example / Kod örneği:

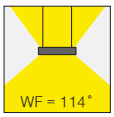
I02.LL.27310 . 130 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27310.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	100mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

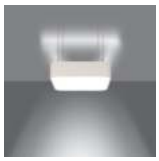
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	15058lm	15540lm	15781lm	16383lm	16625lm
System efficiency / Sistem verimliliği	116lm/W	120lm/W	122lm/W	127lm/W	128lm/W
Luminous flux Direct / Işık akısı Direkt	13500lm	13932lm	14148lm	14687lm	14904lm
Luminous flux Indirect / Işık akısı Endirekt	1558lm	1608lm	1633lm	1696lm	1721lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	129.5W (104W Direkt - 25.5W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

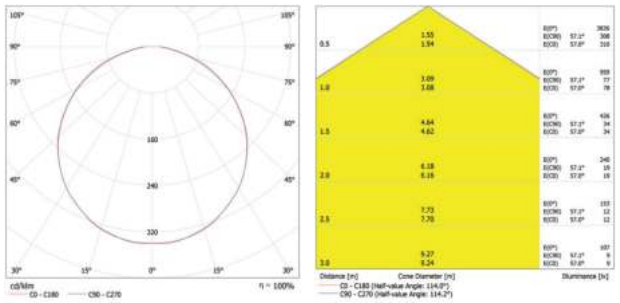
LDT Files / LDT Dataları


I02.LL.25110

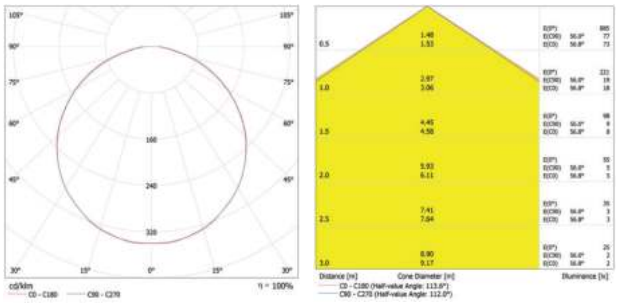

I02.LL.25210


I02.LL.25310

Beam Angle: 114° | 23W / 350mA / SMD LED



Beam Angle: 114° | 11W / 250mA / Indirect / SMD LED

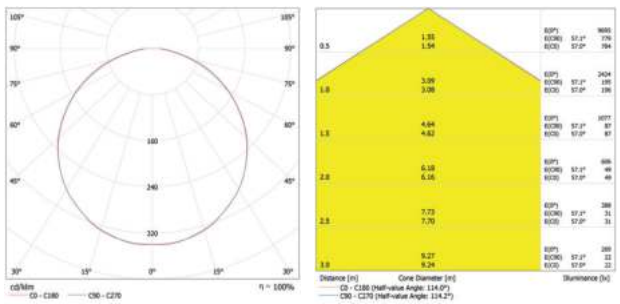



I02.LL.26110

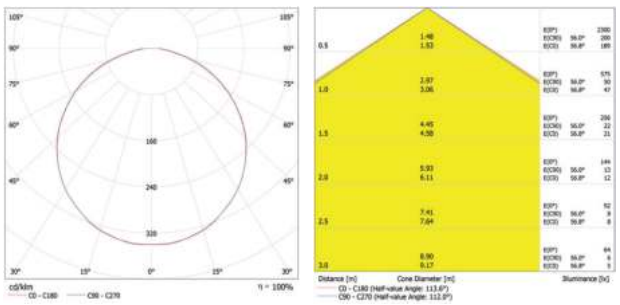

I02.LL.26210


I02.LL.26310

Beam Angle: 114° | 53W / 350mA / SMD LED



Beam Angle: 114° | 24W / 250mA / Indirect / SMD LED

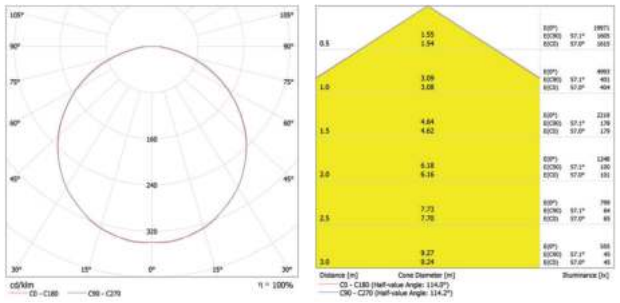



I02.LL.27110

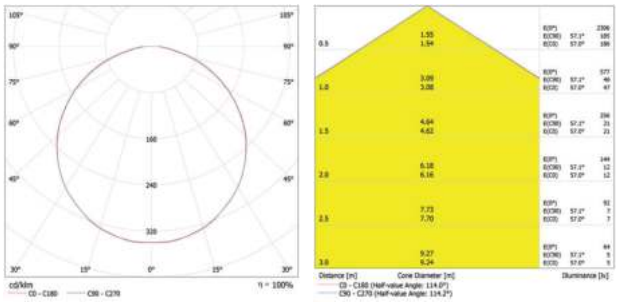

I02.LL.27210


I02.LL.27310

Beam Angle: 114° | 104W / 350mA / SMD LED

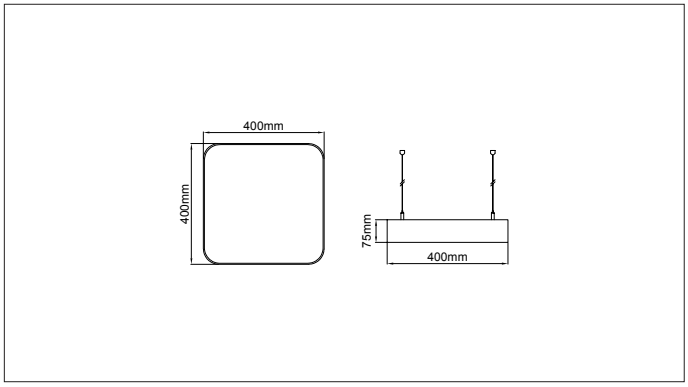


Beam Angle: 114° | 25.5W / 250mA / Indirect / SMD LED



Panos Radius Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

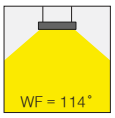
I02.LL.25107 . 023 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

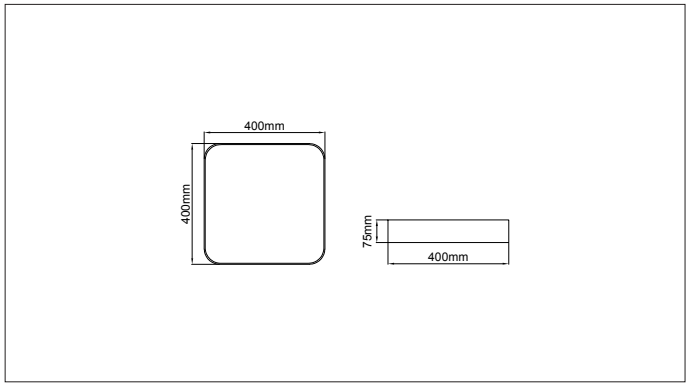
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2593lm	2676lm	2717lm	2821lm	2862lm
System efficiency / Sistem verimliliği	113lm/W	116lm/W	118lm/W	123lm/W	124lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	23W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.25207 . 023 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

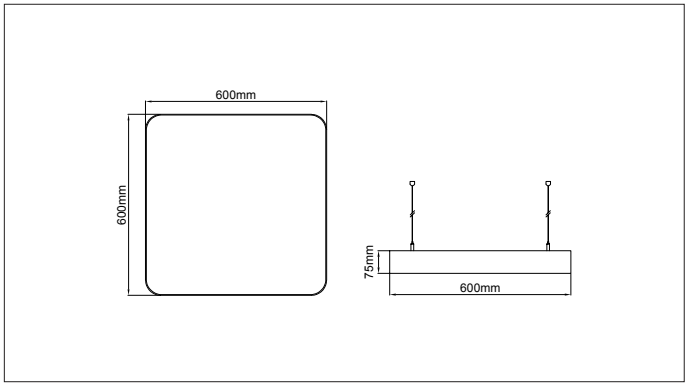
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2593lm	2676lm	2717lm	2821lm	2862lm
System efficiency / Sistem verimliliği	113lm/W	116lm/W	118lm/W	123lm/W	124lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	23W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

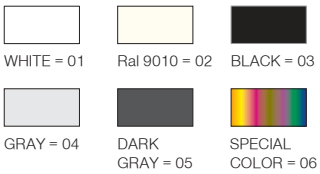
* Code example / Kod örneği:

I02.LL.26107 . 053 . 830 . 01

1 2 3 4

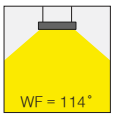
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



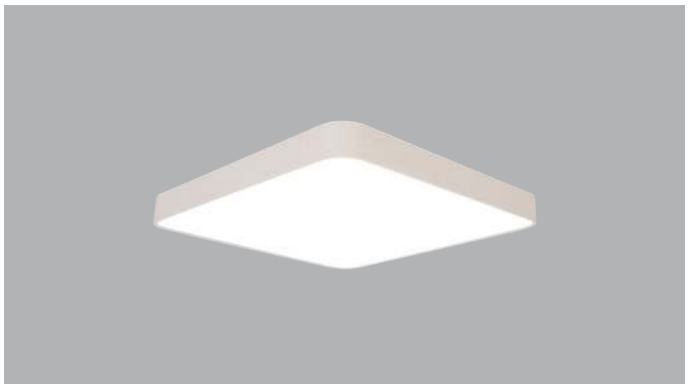
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

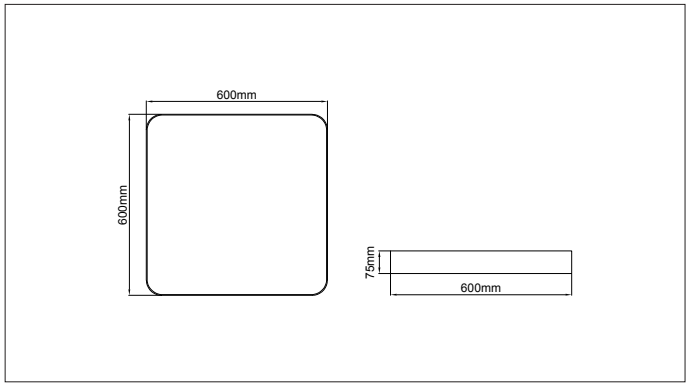
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6553lm	6763lm	6868lm	7130lm	7235lm
System efficiency / Sistem verimliliği	124lm/W	128lm/W	130lm/W	135lm/W	137lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	53W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.26207 . 053 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

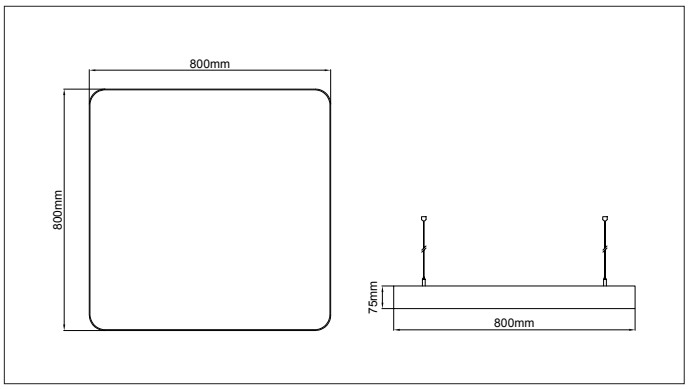
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6553lm	6763lm	6868lm	7130lm	7235lm
System efficiency / Sistem verimliliği	124lm/W	128lm/W	130lm/W	135lm/W	137lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	53W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Suspendant





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 6.5 | CRI 80 CRI 90

* Code example / Kod örneği:

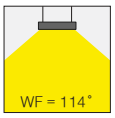
I02.LL.27107 . 104 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



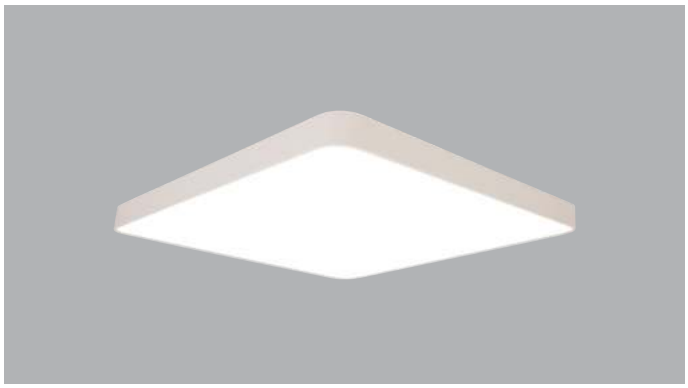
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

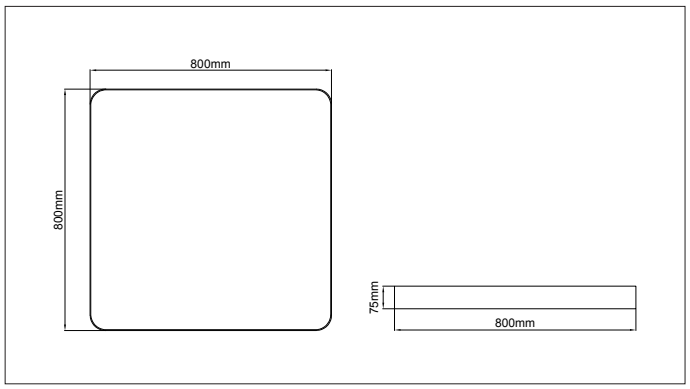
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27107.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	75mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13500lm	13932lm	14148lm	14687lm	14904lm
System efficiency / Sistem verimliliği	130lm/W	134lm/W	136lm/W	141lm/W	143lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	104W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Surface





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 6.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.27207 . 104 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Wadge
Takoz



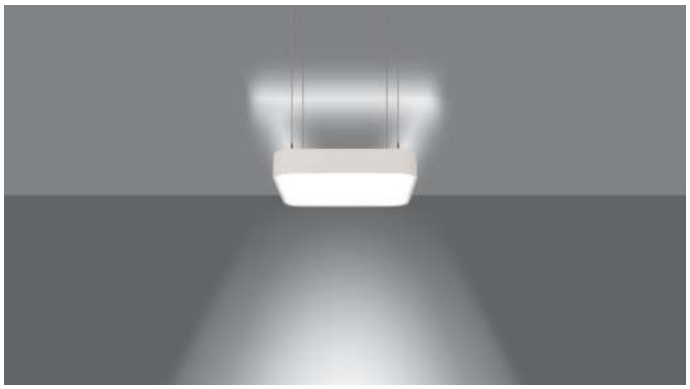
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur.

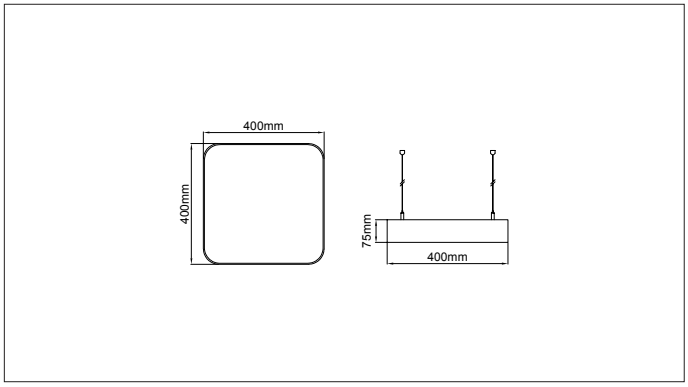
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27207.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	75mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13500lm	13932lm	14148lm	14687lm	14904lm
System efficiency / Sistem verimliliği	130lm/W	134lm/W	136lm/W	141lm/W	143lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	104W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

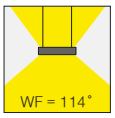
I02.LL.25307 . 034 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



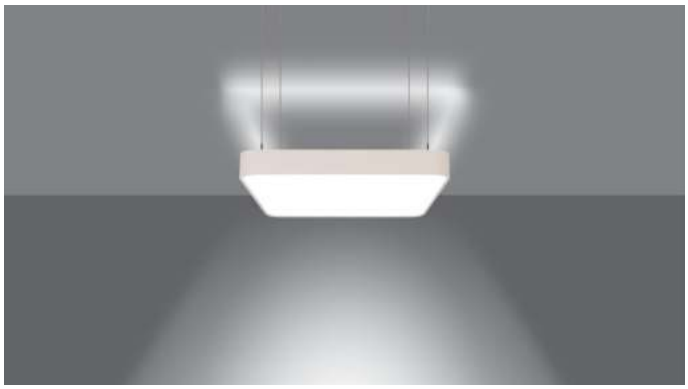
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

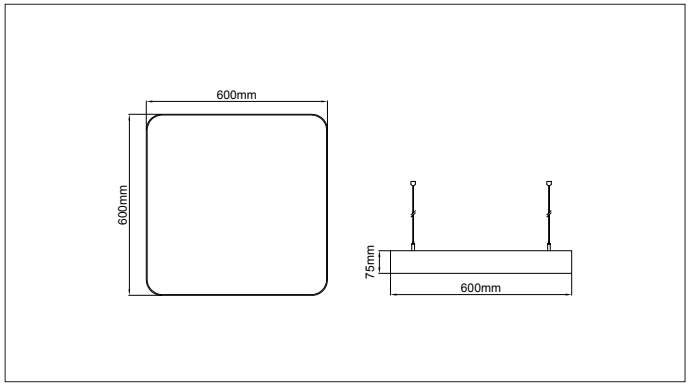
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.25307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	40x40cm
Height / Yükseklik	75mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3170lm	3271lm	3321lm	3449lm	3499lm
System efficiency / Sistem verimliliği	93lm/W	96lm/W	98lm/W	101lm/W	103lm/W
Luminous flux Direct / Işık akısı Direkt	2593lm	2676lm	2717lm	2821lm	2862lm
Luminous flux Indirect / Işık akısı Endirekt	577lm	595lm	604lm	628lm	637lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	34W (23W Direkt - 11W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Direct/Indirect





LED A A+ A++ | SASO CB LVD CE EAC F IP40 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.26307 . 077 . 830 . 01
1 2 3 4

1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı

WF = 114°

Suspension Wire
Sarkıtma Teli



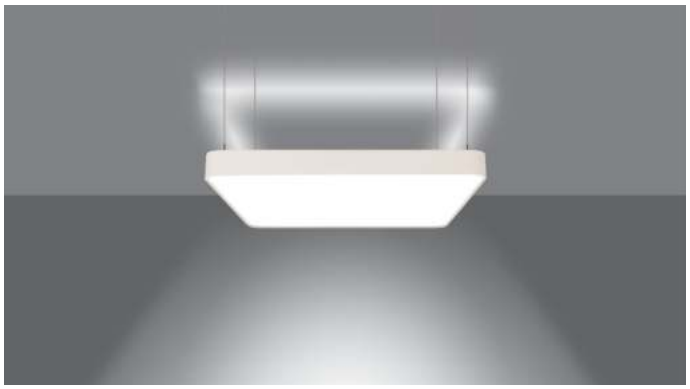
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

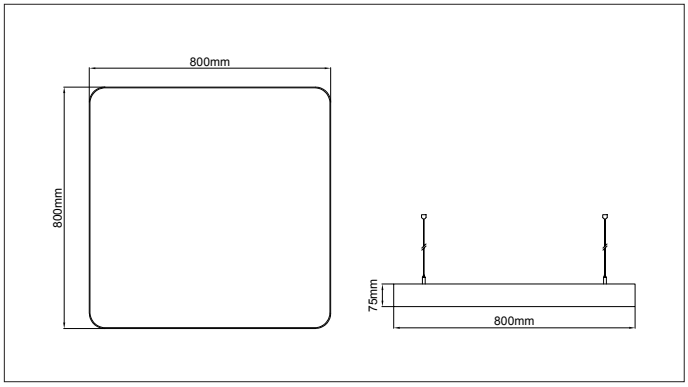
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.26307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60x60cm
Height / Yükseklik	75mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	8054lm	8312lm	8441lm	8763lm	8892lm
System efficiency / Sistem verimliliği	105lm/W	108lm/W	110lm/W	114lm/W	115lm/W
Luminous flux Direct / Işık akısı Direkt	6553lm	6763lm	6868lm	7130lm	7235lm
Luminous flux Indirect / Işık akısı Endirekt	1501lm	1549lm	1573lm	1633lm	1657lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	77W (53W Direkt - 24W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Panos Radius Slim Direct/Indirect





LED A A+ A++

SASO CB LVD CE EAC F IP40

kg 6.5

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.27307 . 130 . 830 . 01

1 2 3 4

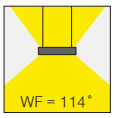
1- Product code / Armatür kodu
2- Power / Güç
3- CRI / Kelvin
4- Colour / Ürün renk
5- Control type / Kontrol tipi

4 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Beam Angle / Işık Açısı



Suspension Wire
Sarkıtma Teli



Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.27307.(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	80x80cm
Height / Yükseklik	75mm
Weight / Ağırlık	6.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	15058lm	15540lm	15781lm	16383lm	16625lm
System efficiency / Sistem verimliliği	116lm/W	120lm/W	122lm/W	127lm/W	128lm/W
Luminous flux Direct / Işık akısı Direkt	13500lm	13932lm	14148lm	14687lm	14904lm
Luminous flux Indirect / Işık akısı Endirekt	1558lm	1608lm	1633lm	1696lm	1721lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	114°	114°	114°	114°	114°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	129.5W (104W Direkt - 25.5W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP40
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

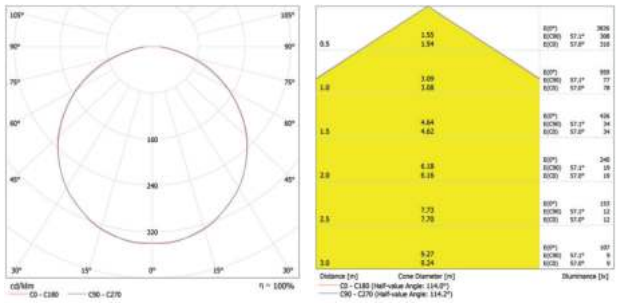
LDT Files / LDT Dataları


I02.LL.25107

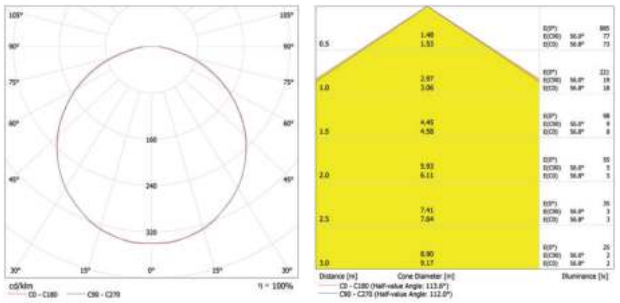

I02.LL.25207


I02.LL.25307

Beam Angle: 114° | 23W / 350mA / SMD LED



Beam Angle: 114° | 11W / 250mA / Indirect / SMD LED

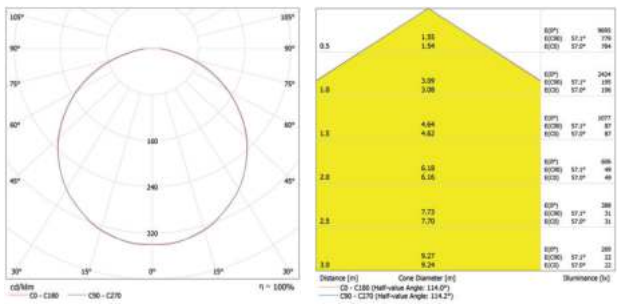



I02.LL.26107

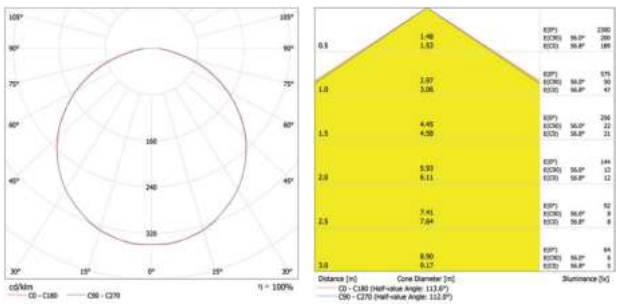

I02.LL.26207


I02.LL.26307

Beam Angle: 114° | 53W / 350mA / SMD LED



Beam Angle: 114° | 24W / 250mA / Indirect / SMD LED

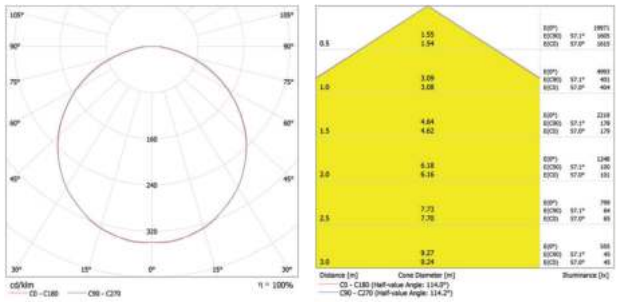



I02.LL.27107

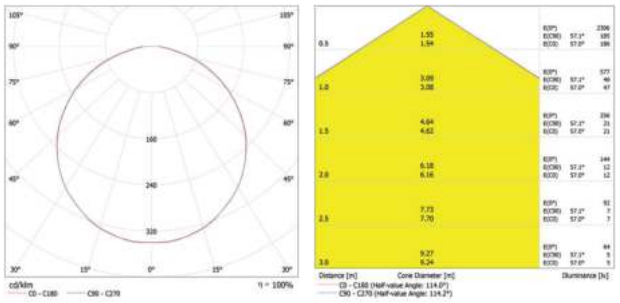

I02.LL.27207


I02.LL.27307

Beam Angle: 114° | 104W / 350mA / SMD LED



Beam Angle: 114° | 25.5W / 250mA / Indirect / SMD LED



SIVO Linea Led





Avolux SIVO range offers many different alternatives in terms of diameter, profile height and illumination and mounting types that are pendant direct, direct/indirect, recessed and surface mounting. Homogen direct lighting output offering stylish lighting solution to your applications.

Driver both integrated and outside fixture options available. High efficient opal diffuser enables clean light output with high lumen output.

This range is available in dim options of DALI, Wireless DIM, Warm DIM, Tunable White, RGBW etc.

Avolux SIVO serisi birçok farklı çap ve profil yüksekliği seçeneklerine sahiptir. Homojen ışık çıkışı projelere dekoratif görünüm katar. Sarkıt sadece direkt, direkt/endirekt, ankastre, sıvaüstü gibi montaj ve ışık dağılım seçenekleri bulunmaktadır.

Trafo ünitesi armatürün içerisine entegre edilmiş veya armatürün dışında olan seçeneklere sahip olup yüksek verimli opal diffüzör ile temiz ve verimli ışık çıkışı sağlar.

SIVO serisi DALI, Kablosuz DIM, Sıcak DIM, Dinamik Beyaz, RGBW gibi dim seçenekleri mevcuttur.

Sivo

DIM Options / DIM seçenekleri

H.100
Sivo Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø150cm Only Direct Pendant / Ø150cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø180cm Only Direct Pendant / Ø180cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø200cm Only Direct Pendant / Ø200cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø250cm Only Direct Pendant / Ø250cm Sarkıt Sadece Direkt	•		•	•	•		•

H.75
Sivo Slim Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø150cm Only Direct Pendant / Ø150cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø180cm Only Direct Pendant / Ø180cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø200cm Only Direct Pendant / Ø200cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø250cm Only Direct Pendant / Ø250cm Sarkıt Sadece Direkt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri

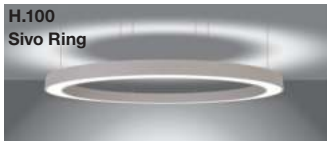
H.50 **Sivo Super Slim Ring** 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø150cm Only Direct Pendant / Ø150cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø180cm Only Direct Pendant / Ø180cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø200cm Only Direct Pendant / Ø200cm Sarkıt Sadece Direkt	•		•	•	•		•

H.100 **Sivo Ring** 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Surface / Ø45cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Surface / Ø60cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Surface / Ø75cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Surface / Ø100cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Surface / Ø120cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø150cm Only Direct Surface / Ø150cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø180cm Only Direct Surface / Ø180cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø200cm Only Direct Surface / Ø200cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø250cm Only Direct Surface / Ø250cm Sıvaüstü Sadece Direkt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri

H.75 **Sivo Slim Ring** 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Surface / Ø45cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Surface / Ø60cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Surface / Ø75cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Surface / Ø100cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Surface / Ø120cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø150cm Only Direct Surface / Ø150cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø180cm Only Direct Surface / Ø180cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø200cm Only Direct Surface / Ø200cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø250cm Only Direct Surface / Ø250cm Sıvaüstü Sadece Direkt	•		•	•	•		•

H.100 **Sivo Ring** 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Direct / Indirect Pendant / Ø45cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø60cm Direct / Indirect Pendant / Ø60cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø75cm Direct / Indirect Pendant / Ø75cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø100cm Direct / Indirect Pendant / Ø100cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø120cm Direct / Indirect Pendant / Ø120cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø150cm Direct / Indirect Pendant / Ø150cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø180cm Direct / Indirect Pendant / Ø180cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø200cm Direct / Indirect Pendant / Ø200cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø250cm Direct / Indirect Pendant / Ø250cm Sarkıt Direkt / Endirekt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri



H.75 Sivo Slim Ring	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Direct / Indirect Pendant / Ø45cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø60cm Direct / Indirect Pendant / Ø60cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø75cm Direct / Indirect Pendant / Ø75cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø100cm Direct / Indirect Pendant / Ø100cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø120cm Direct / Indirect Pendant / Ø120cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø150cm Direct / Indirect Pendant / Ø150cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø180cm Direct / Indirect Pendant / Ø180cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø200cm Direct / Indirect Pendant / Ø200cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø250cm Direct / Indirect Pendant / Ø250cm Sarkıt Direkt / Endirekt	•		•	•	•		•



H.75 Sivo Super Slim Ring	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Direct / Indirect Pendant / Ø45cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø60cm Direct / Indirect Pendant / Ø60cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø75cm Direct / Indirect Pendant / Ø75cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø100cm Direct / Indirect Pendant / Ø100cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø120cm Direct / Indirect Pendant / Ø120cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø150cm Direct / Indirect Pendant / Ø150cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø180cm Direct / Indirect Pendant / Ø180cm Sarkıt Direkt / Endirekt	•		•	•	•		•
Ø200cm Direct / Indirect Pendant / Ø200cm Sarkıt Direkt / Endirekt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri

H.100
Sivo Full Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

H.75
Sivo Slim Full Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

H.50
Sivo Super Slim Full Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

H.100
Sivo Full Ring



	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Surface / Ø45cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Surface / Ø60cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Surface / Ø75cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Surface / Ø100cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Surface / Ø120cm Sıvaüstü Sadece Direkt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri

H.75 Sivo Slim Full Ring 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Surface / Ø45cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Surface / Ø60cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Surface / Ø75cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Surface / Ø100cm Sıvaüstü Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Surface / Ø120cm Sıvaüstü Sadece Direkt	•		•	•	•		•

H.100 Sivo Full Ring 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

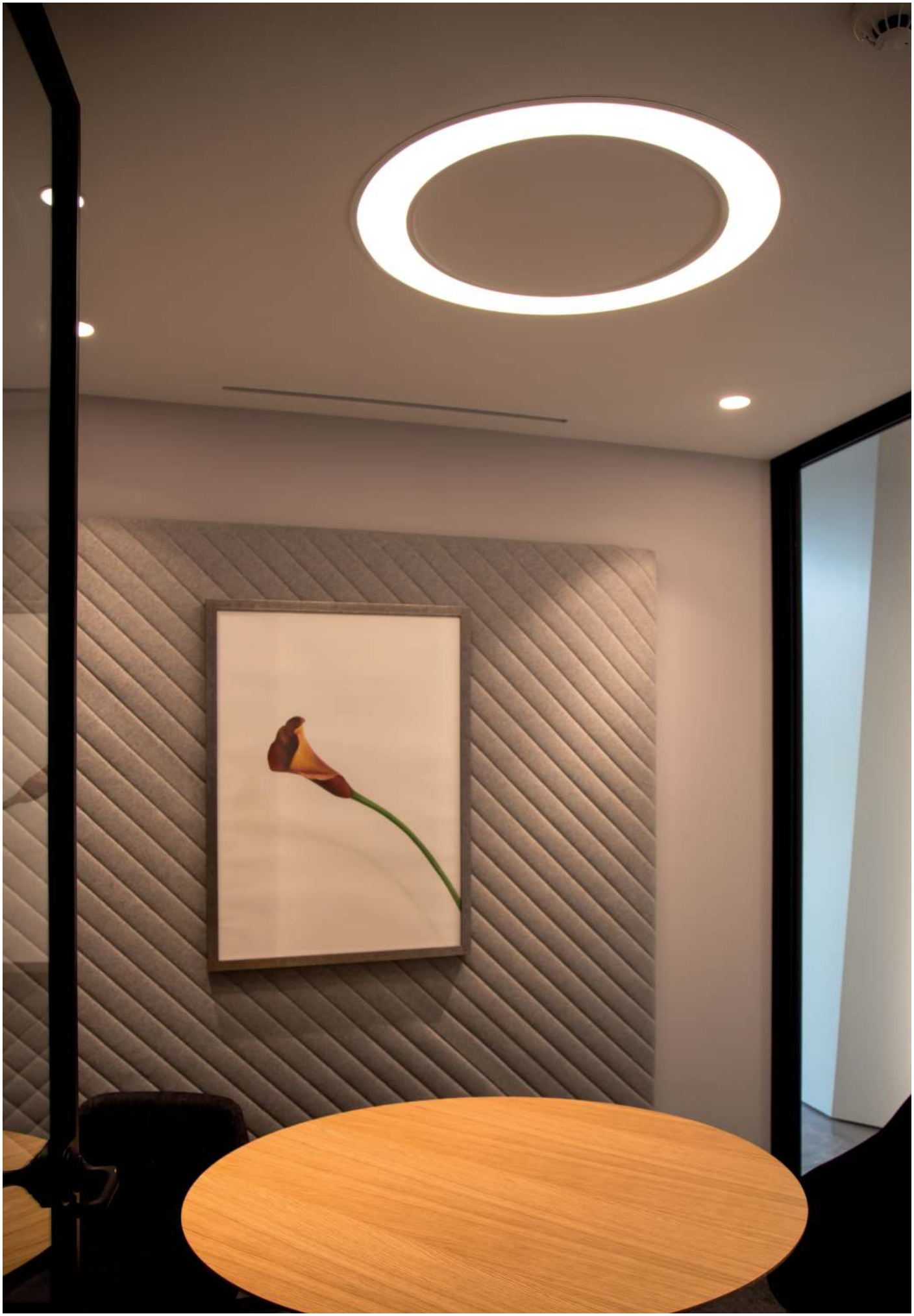
H.75 Sivo Slim Full Ring 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

H.50 Sivo Super Slim Full Ring 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø45cm Only Direct Pendant / Ø45cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø60cm Only Direct Pendant / Ø60cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø75cm Only Direct Pendant / Ø75cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø100cm Only Direct Pendant / Ø100cm Sarkıt Sadece Direkt	•		•	•	•		•
Ø120cm Only Direct Pendant / Ø120cm Sarkıt Sadece Direkt	•		•	•	•		•

Sivo

DIM Options / DIM seçenekleri

H.75 **Sivo Full Ring Recessed** 	ON-OFF	PHASE CUT DIM / FAZ DİM	1-10V DIM	DALI DIM	WIRELESS DIM / KABLOSUZ DİM	WARM DIM / SICAK DİM	TUNABLE WHITE / DİNAMİK BEYAZ
		Ext.Code / Kod: .PH	Ext.Code / Kod: .VO	Ext.Code / Kod: .DA	Ext.Code / Kod: .WD	Ext.Code / Kod: .WM	Ext.Code / Kod: .TW
Ø36.5cm Only Direct Recessed / Ø36.5cm Ankastre Sadece Direkt	•		•	•	•		•
Ø46.5cm Only Direct Recessed / Ø46.5cm Ankastre Sadece Direkt	•		•	•	•		•
Ø61.5cm Only Direct Recessed / Ø61.5cm Ankastre Sadece Direkt	•		•	•	•		•
Ø76.5cm Only Direct Recessed / Ø76.5cm Ankastre Sadece Direkt	•		•	•	•		•

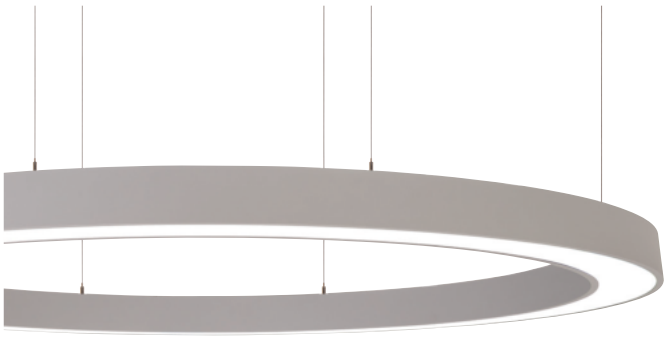


Sivo

Wireless DIM / Kablosuz DIM

Avolux offers wireless DIM control on its SIVO spotlight range that provides easy control and saves time on wiring during installation.

Avolux SIVO serisi armatürlerinde kablosuz DIM seçeneği sunarak kolay kontrol olanağı sunar. Ürün montaj kurulum esnasında daha az kablolama ile zamandan tasarruf sağlar.





CRI

Avolux offers both CRI>80, CRI>90 and CRI>98 colour rendering index options in its Sivo spotlight range.

Avolux Sivo serisi armatürlerinde CRI>80, CRI>90 ve CRI>98 renk seçeneklerini sağlayabilmektedir.



Practical Mounting / Kolay Montaj

Thanks to its practical twist and lock mechanism of surface mounting type, mounting the Sivo to applicatons is very easy.

Kolay çevir kilitle sistemi sayesinde sıva üstü Sivo serisi projelere uygulanması çok kolaydır.



Sivo

Tunable White / Dinamik Beyaz

AVOLUX can apply Tunable White control to its SIVO ring luminaire system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be eaily performed.

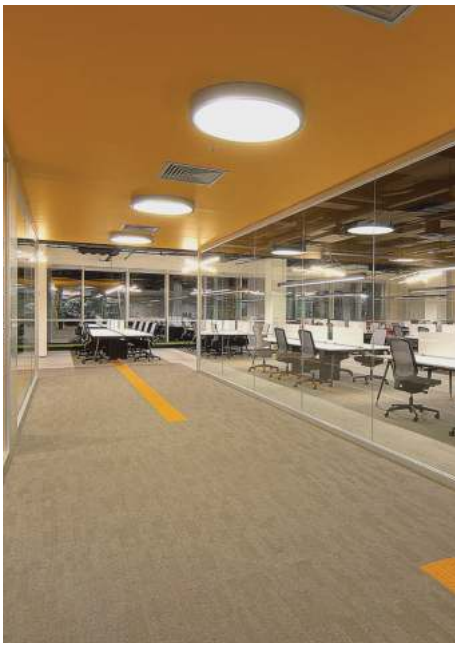
Avolux SIVO serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & İOS



Xpress

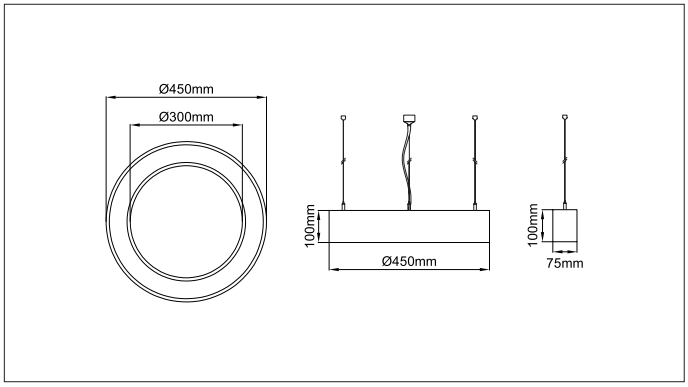






Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 045 . 030 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

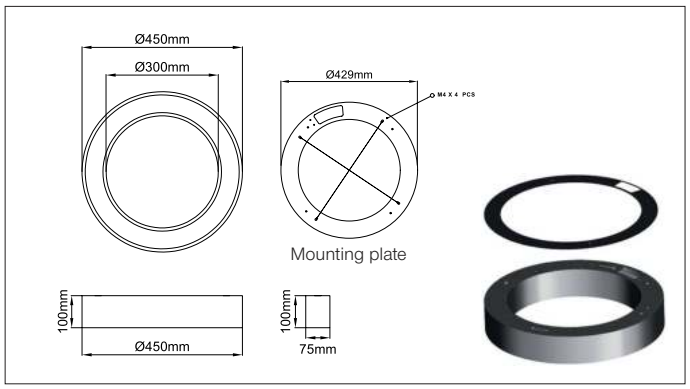
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2923lm	3017lm	3064lm	3181lm	3228lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	30W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14210 . 045 . 030 . 830 . 01

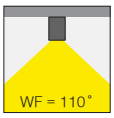
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

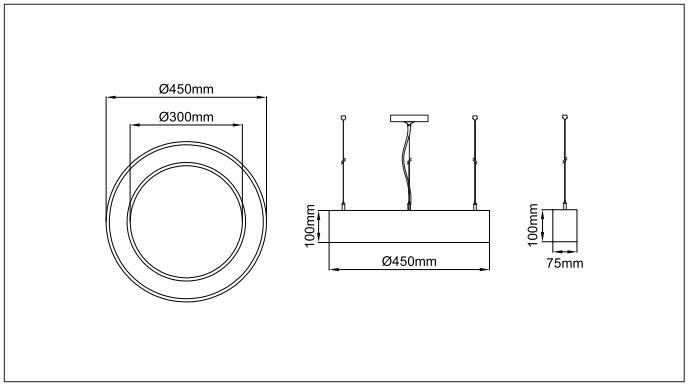
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.5kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2923lm	3017lm	3064lm	3181lm	3228lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	30W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 2.75

* Code example / Kod örneği:

I02.LL.14310 . 045 . 045 . 830 . 01

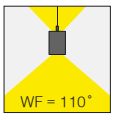
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.75kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

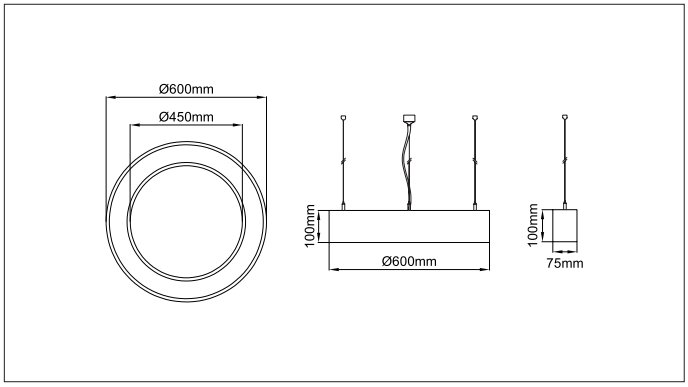
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	4412lm	4553lm	4624lm	4801lm	4871lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	2923lm	3017lm	3064lm	3181lm	3228lm
Luminous flux Indirect / Işık akısı Endirekt	1489lm	1536lm	1560lm	1620lm	1643lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	45W (30W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





kg 3.4

* Code example / Kod örneği:

I02.LL.14110 . 060 . 040 . 830 . 01

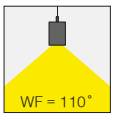
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

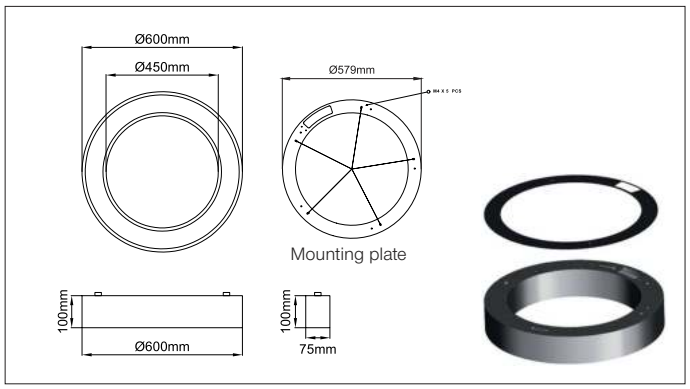
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	3.4kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	3898lm	4023lm	4085lm	4241lm	4303lm
System efficiency / Sistem verimliliği	97lm/W	100lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 3.4 | CRI 80 CRI 90

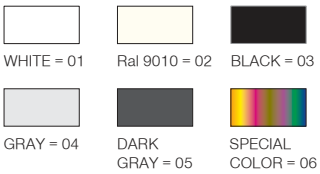
* Code example / Kod örneği:

I02.LL.14210 . 060 . 040 . 830 . 01

1 2 3 4 5

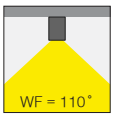
1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk



WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

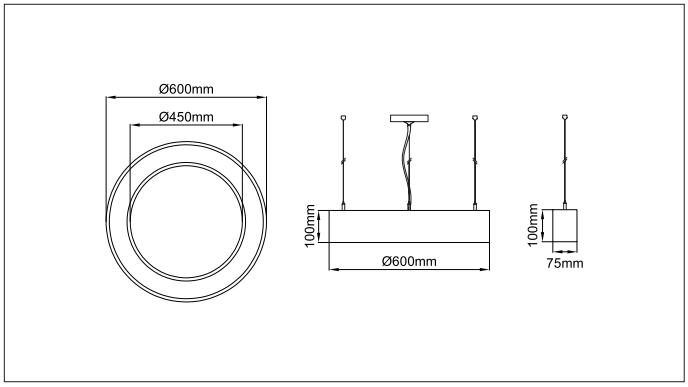
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	3.4kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	3898lm	4023lm	4085lm	4241lm	4303lm
System efficiency / Sistem verimliliği	97lm/W	100lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 3.8

* Code example / Kod örneği:

I02.LL.14310 . 060 . 060 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	3.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

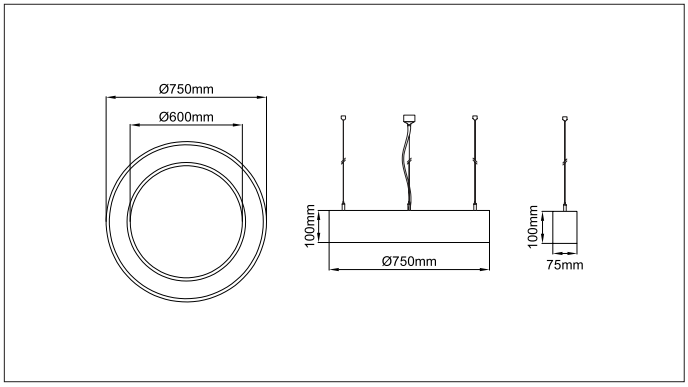
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	5883lm	6071lm	6165lm	6401lm	6494lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	3898lm	4023lm	4085lm	4241lm	4303lm
Luminous flux Indirect / Işık akısı Endirekt	1985lm	2048lm	2080lm	2160lm	2191lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	60W (40W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 075 . 050 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

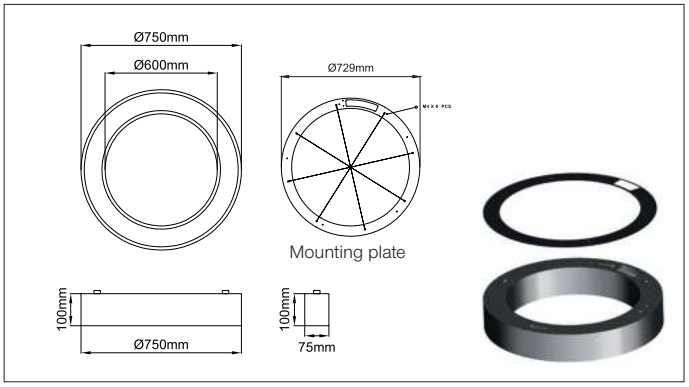
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.25kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4872lm	5028lm	5106lm	5309lm	5379lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





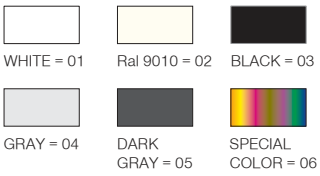
LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.25 | CRI 80 CRI 90

* Code example / Kod örneği:

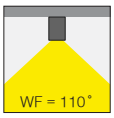
I02.LL.14210 . 075 . 050 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk



Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

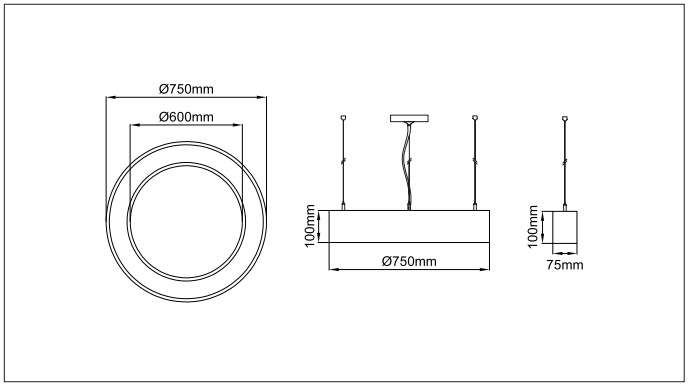
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	5.25kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4872lm	5028lm	5106lm	5309lm	5379lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14310 . 075 . 075 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

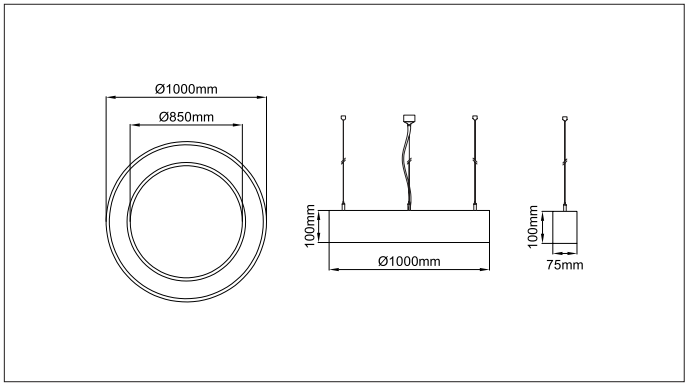
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	7353lm	7589lm	7706lm	8009lm	8118lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	4872lm	5028lm	5106lm	5309lm	5379lm
Luminous flux Indirect / Işık akısı Endirekt	2481lm	2561lm	2600lm	2700lm	2739lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	75W (50W Direkt - 25W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 5.7 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 100 . 065 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

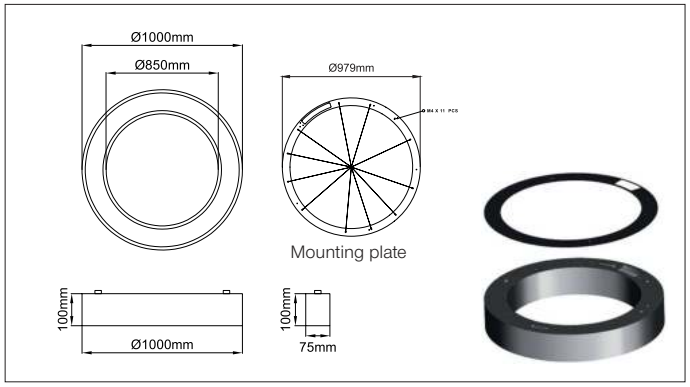
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	5.7kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6497lm	6705lm	6809lm	7069lm	7163lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	65W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 5.7 | CRI 80 CRI 90

* Code example / Kod örneği:

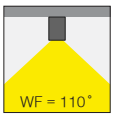
I02.LL.14210 . 100 . 065 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

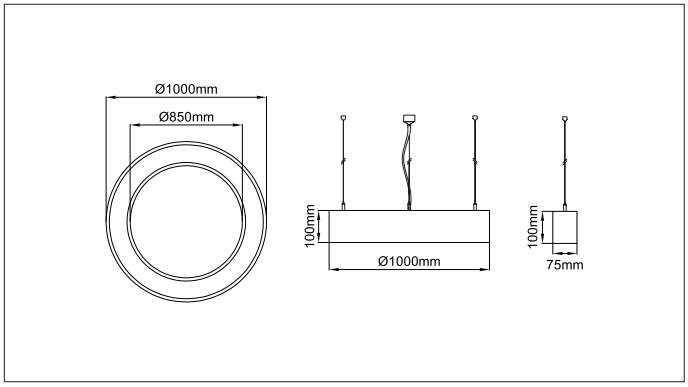
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	5.7kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6497lm	6705lm	6809lm	7069lm	7163lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	65W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 6

* Code example / Kod örneği:

I02.LL.14310. 100 . 098 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	6kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

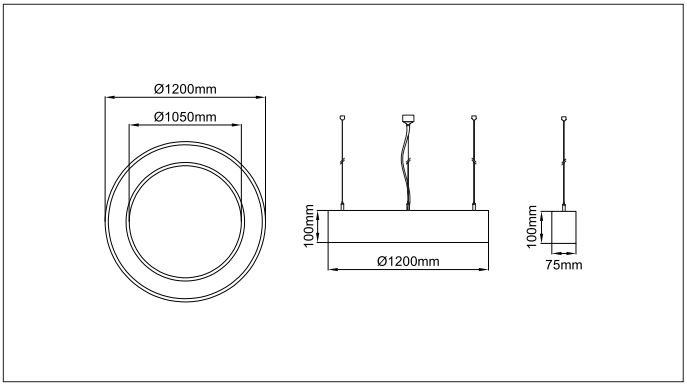
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	9806lm	10119lm	10276lm	10669lm	10816lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	6497lm	6705lm	6809lm	7069lm	7163lm
Luminous flux Indirect / Işık akısı Endirekt	3309lm	3414lm	3467lm	3600lm	3653lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W (65W Direkt - 33W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


KYOC
Document So

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 6.85 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 120 . 078 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

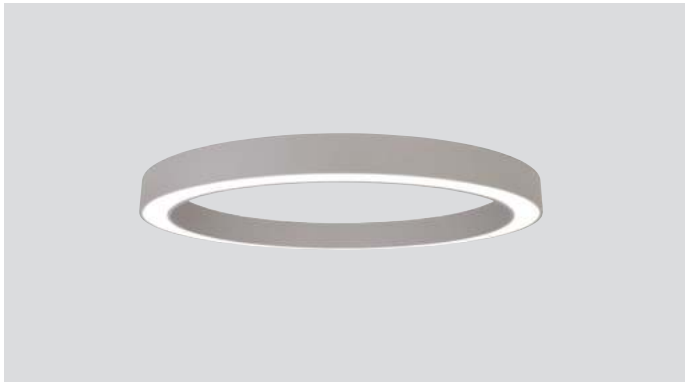
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

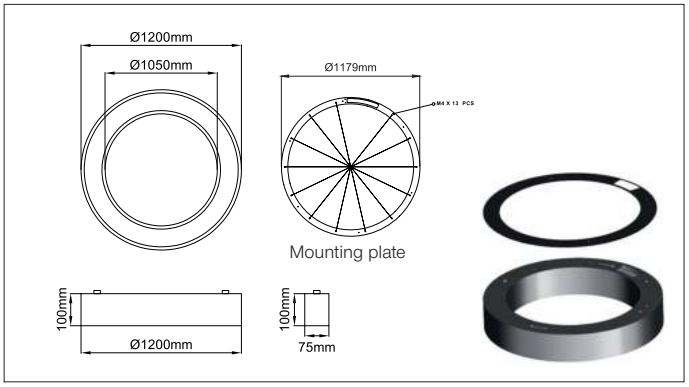
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	6.85kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	7796lm	8046lm	8170lm	8482lm	8607lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	78W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 6.85 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14210 . 120 . 078 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

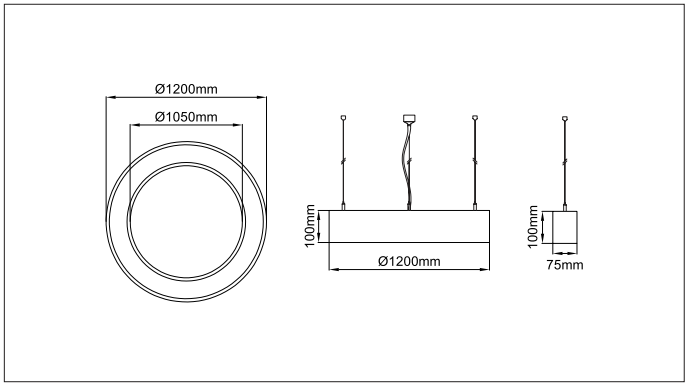
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	6.85kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	7796lm	8046lm	8170lm	8482lm	8607lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	78W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14310 . 120 . 117 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

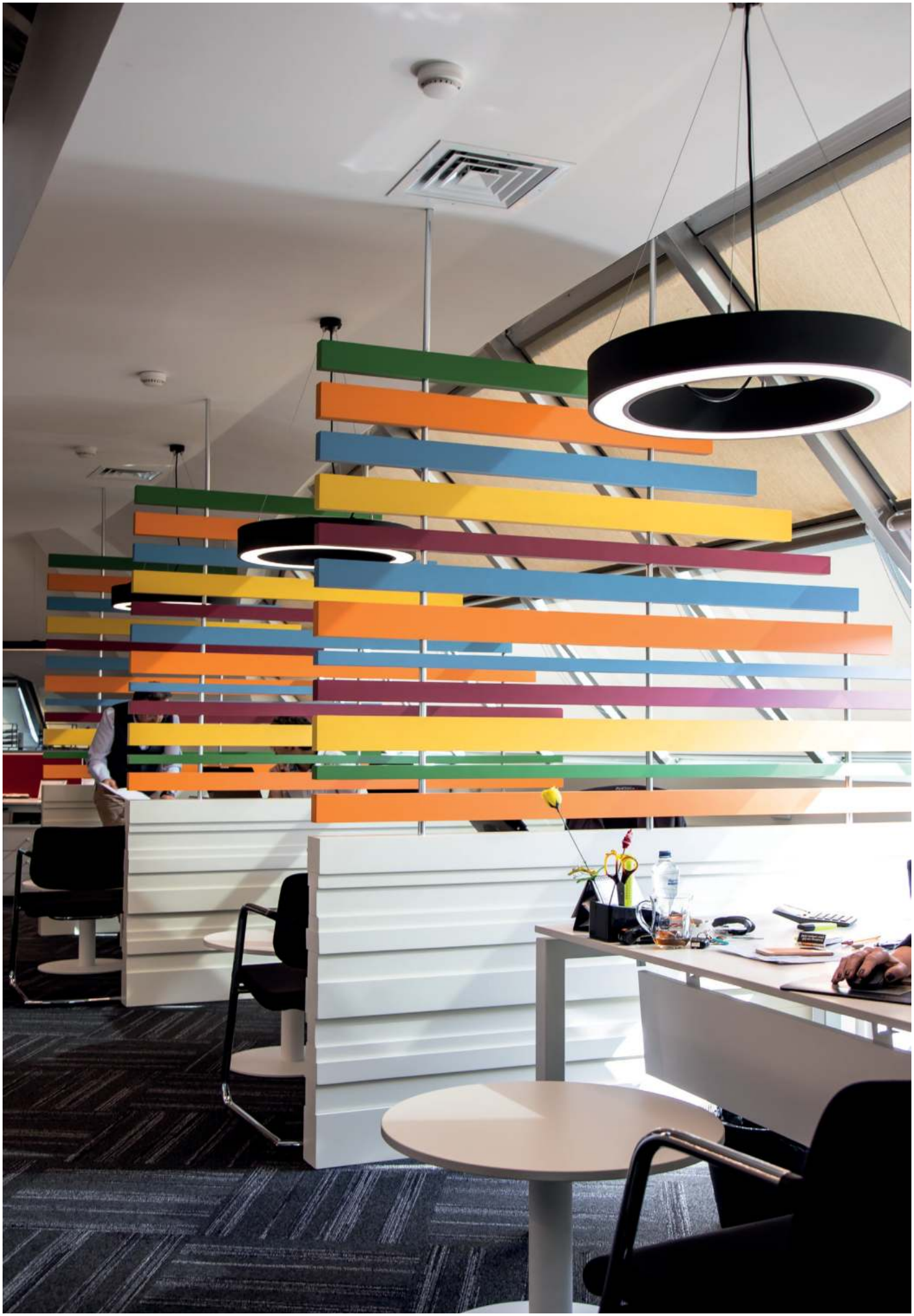
* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	7.25kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

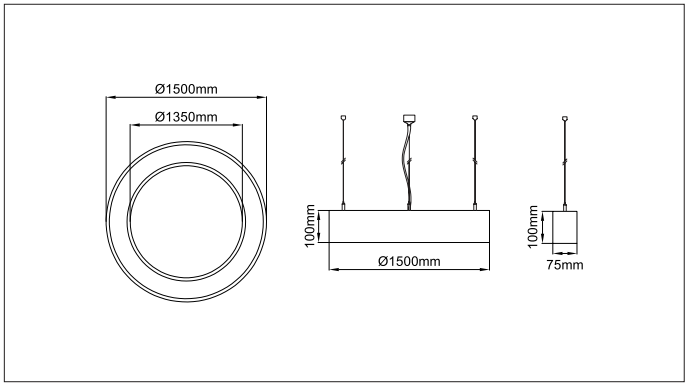
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	11766lm	12143lm	12331lm	12802lm	12990lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	105lm/W	109lm/W	111lm/W
Luminous flux Direct / Işık akısı Direkt	7796lm	8046lm	8170lm	8482lm	8607lm
Luminous flux Indirect / Işık akısı Endirekt	3970lm	4097lm	4161lm	4320lm	4383lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	117W (78W Direkt - 39W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





8.6

* Code example / Kod örneği:

I02.LL.14110 . 150 . 098 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

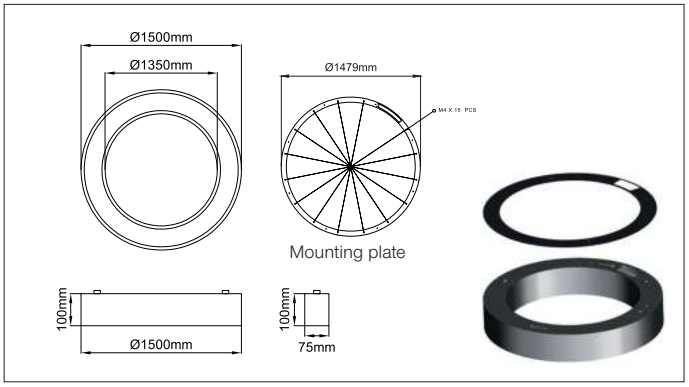
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	100mm
Weight / Ağırlık	8.6kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	9746lm	10058lm	10213lm	10603lm	10759lm
System efficiency / Sistem verimliliği	99lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 8.6 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14210 . 150 . 098 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

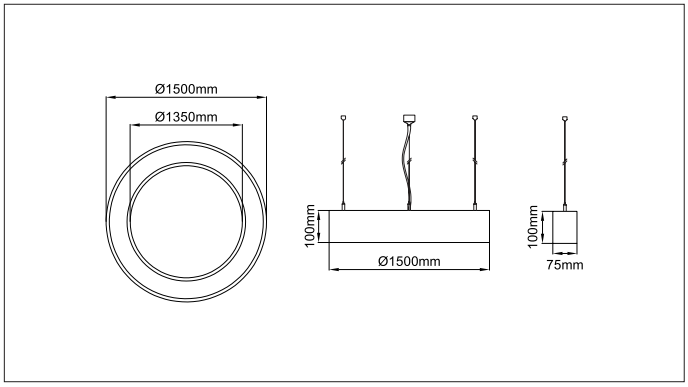
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	100mm
Weight / Ağırlık	8.6kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	9746lm	10058lm	10213lm	10603lm	10759lm
System efficiency / Sistem verimliliği	99lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 9

* Code example / Kod örneği:

I02.LL.14310 . 150 . 147 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

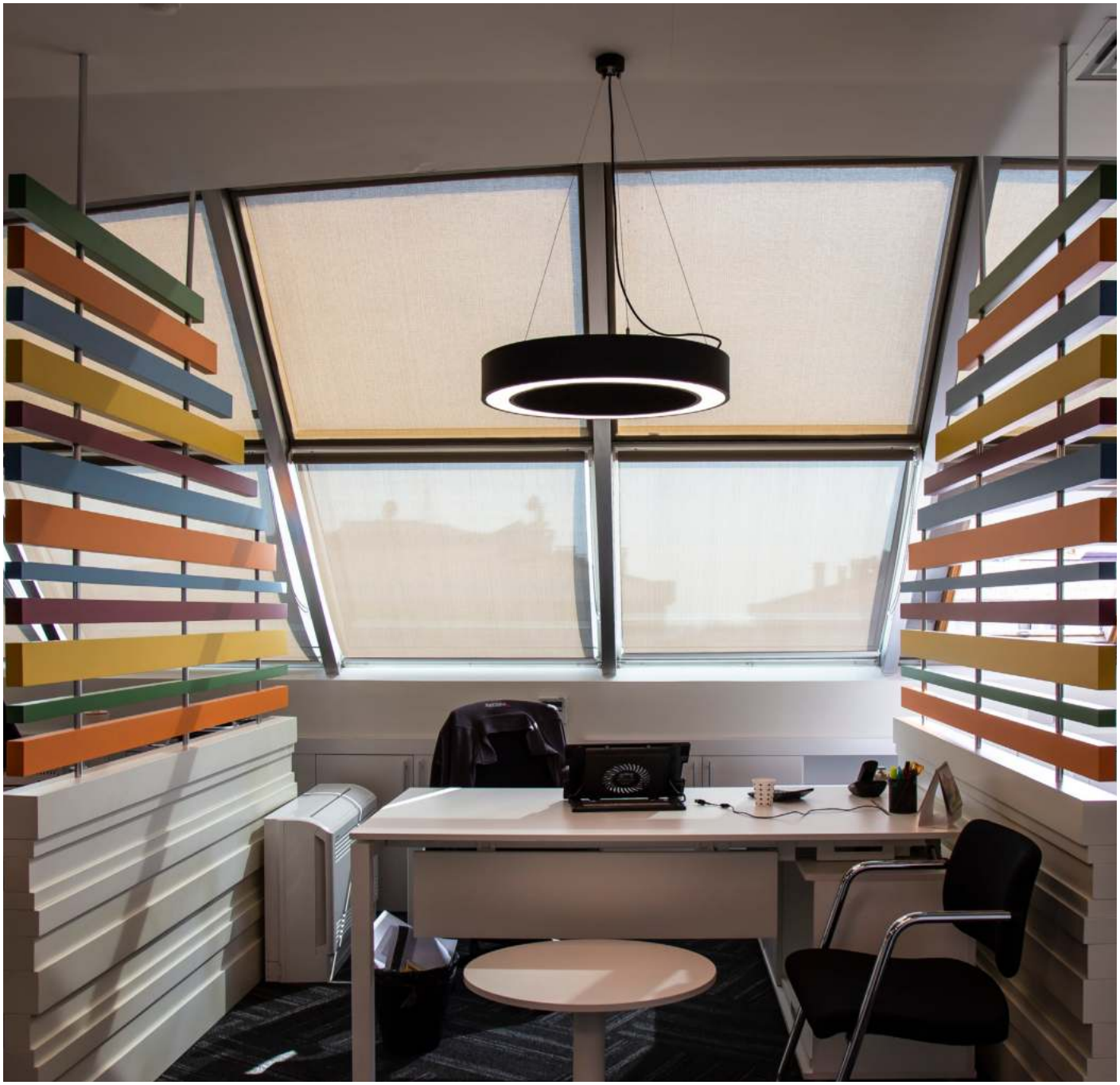
* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	100mm
Weight / Ağırlık	9kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

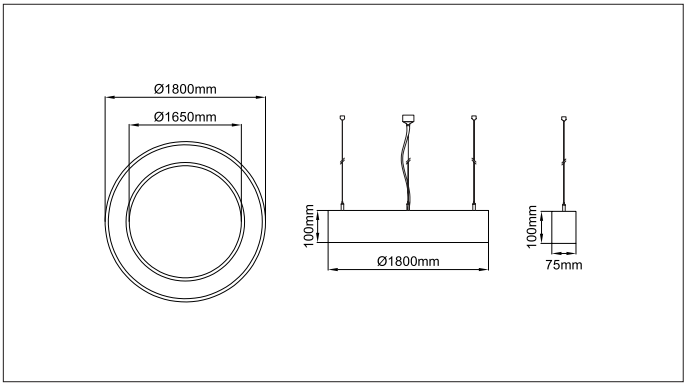
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	14709lm	15180lm	15414lm	16003lm	16238lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	9746lm	10058lm	10213lm	10603lm	10759lm
Luminous flux Indirect / Işık akısı Endirekt	4963lm	5122lm	5201lm	5400lm	5479lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	147W (98W Direkt - 49W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





kg 10.4

* Code example / Kod örneği:

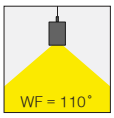
I02.LL.14110 . 180 . 120 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

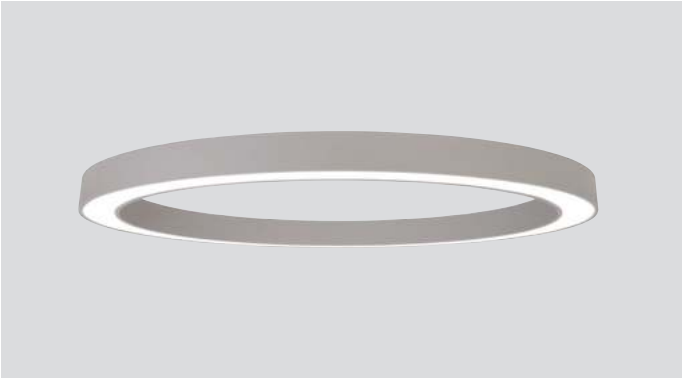
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

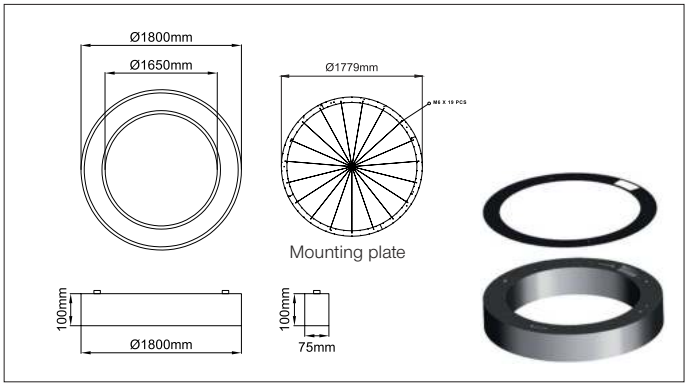
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	100mm
Weight / Ağırlık	10.4kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	11912lm	12293lm	12484lm	12960lm	13151lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	120W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 10.4 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14210 . 180 . 120 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

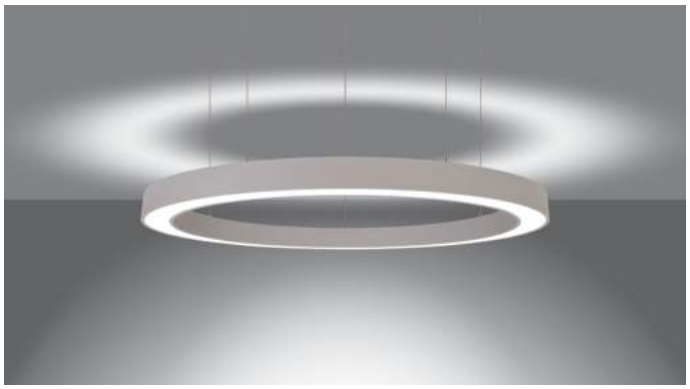
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

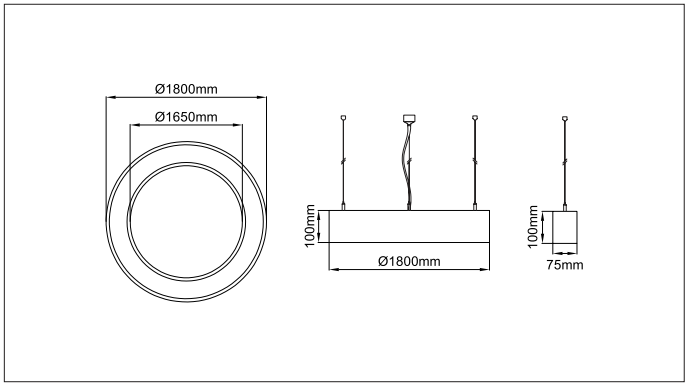
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	100mm
Weight / Ağırlık	10.4kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	11912lm	12293lm	12484lm	12960lm	13151lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	120W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 11

* Code example / Kod örneği:

I02.LL.14310. 180 . 180 . 830 . 01

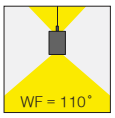
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	100mm
Weight / Ağırlık	11kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

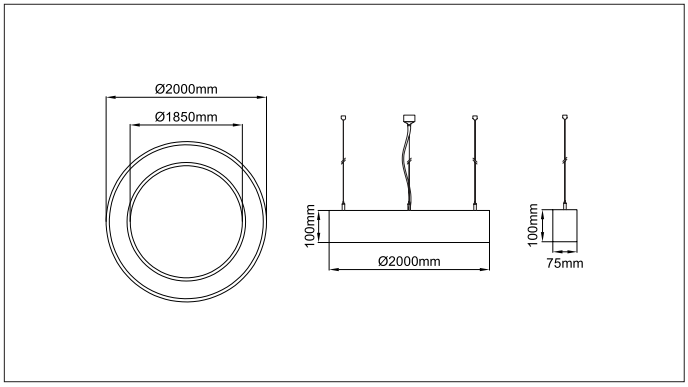
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	17916lm	18489lm	18776lm	19492lm	19779lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	11912lm	12293lm	12484lm	12960lm	13151lm
Luminous flux Indirect / Işık akısı Endirekt	6004lm	6196lm	6292lm	6532lm	6628lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	180W (120W Direkt - 60W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


BE KIND
And SIN

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 11.75 | CRI 80 | CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 200 . 134 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

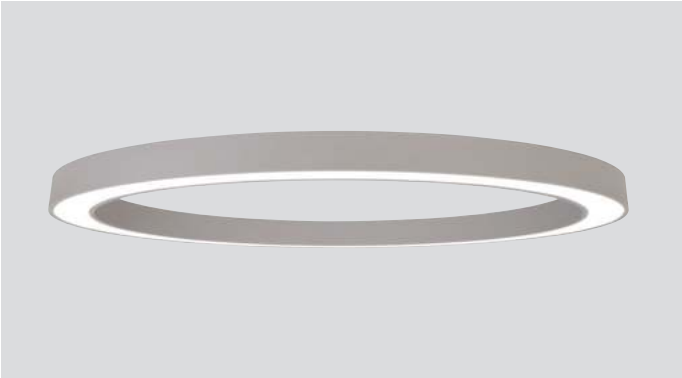
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

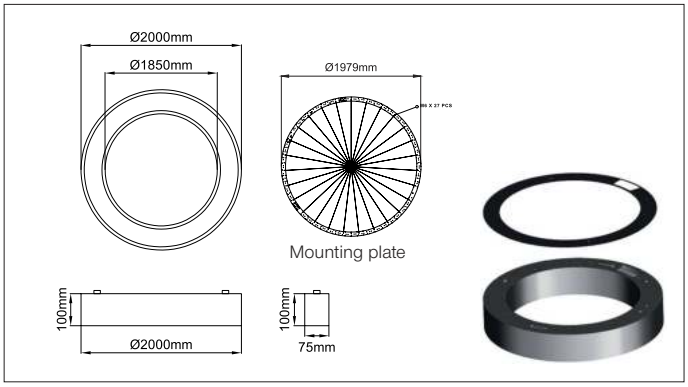
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	100mm
Weight / Ağırlık	11.75kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13116lm	13536lm	13746lm	14270lm	14481lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	134W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 11.75

* Code example / Kod örneği:

I02.LL.14210 . 200 . 134 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

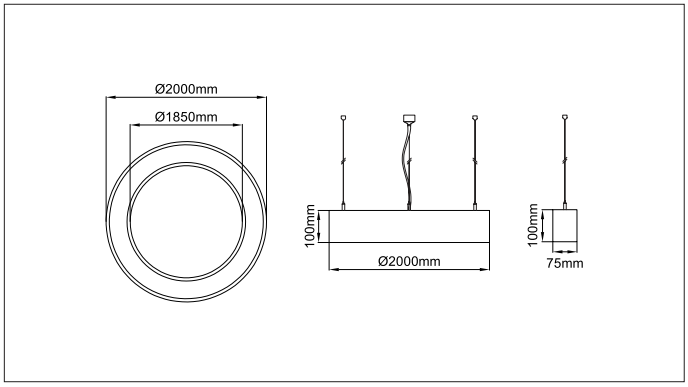
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	100mm
Weight / Ağırlık	11.75kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13116lm	13536lm	13746lm	14270lm	14481lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	134W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 12.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14310 . 200 . 201 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	100mm
Weight / Ağırlık	12.25kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

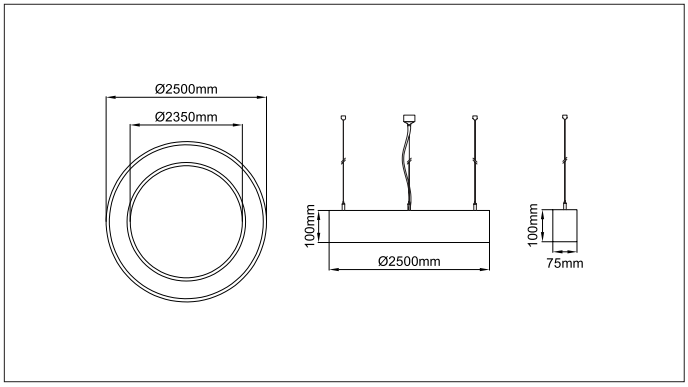
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	19734lm	20365lm	20618lm	21470lm	21787lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	13116lm	13536lm	13746lm	14270lm	14481lm
Luminous flux Indirect / Işık akısı Endirekt	6618lm	6829lm	6935lm	7200lm	7306lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	201W (134W Direkt - 67W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 14.75 | CRI 80 | CRI 90

* Code example / Kod örneği:

I02.LL.14110 . 250 . 166 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

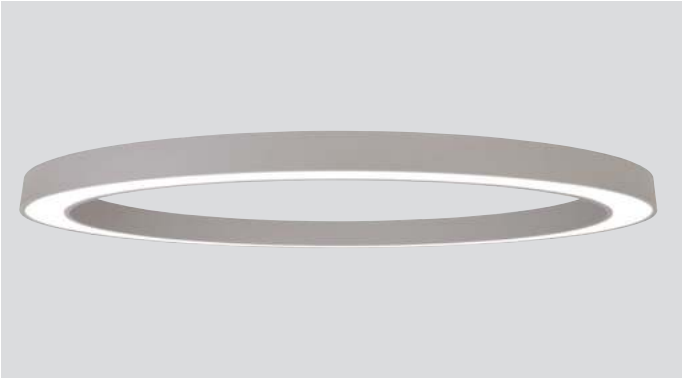
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

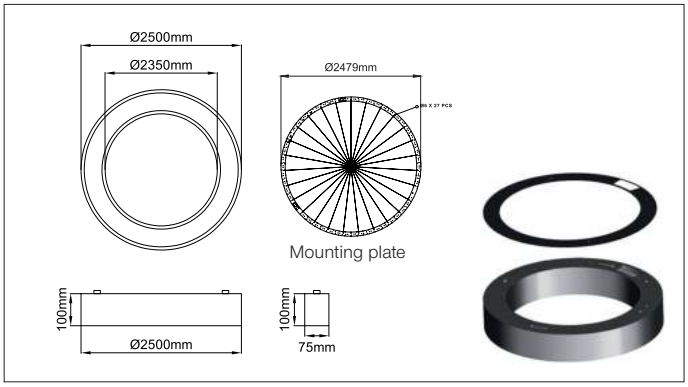
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	100mm
Weight / Ağırlık	14.75kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	16361lm	16885lm	17146lm	17800lm	18063lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	166W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 14.75 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14210 . 250 . 166 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 572 for Idt files. / Işık eğrileri için sayfa 572 bakınız.

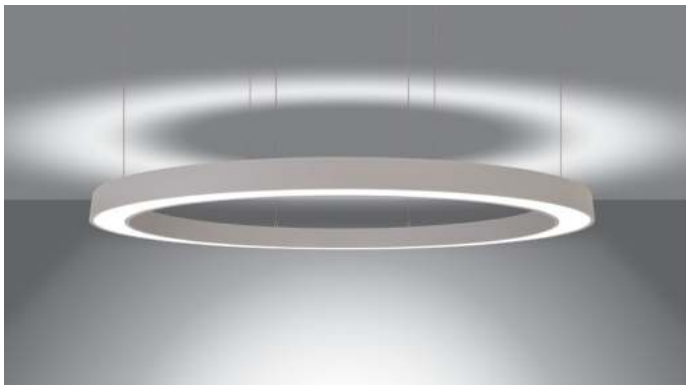
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

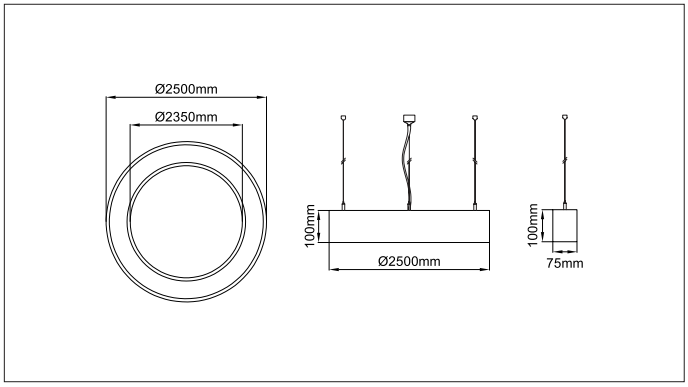
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	100mm
Weight / Ağırlık	14.75kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	16361lm	16885lm	17146lm	17800lm	18063lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	166W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Ring





kg 15.5

* Code example / Kod örneği:

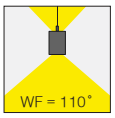
I02.LL.14310 . 250 . 249 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 573 - 574 for Idt files. / Işık eğrileri için sayfa 573 - 574 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	100mm
Weight / Ağırlık	15.5kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

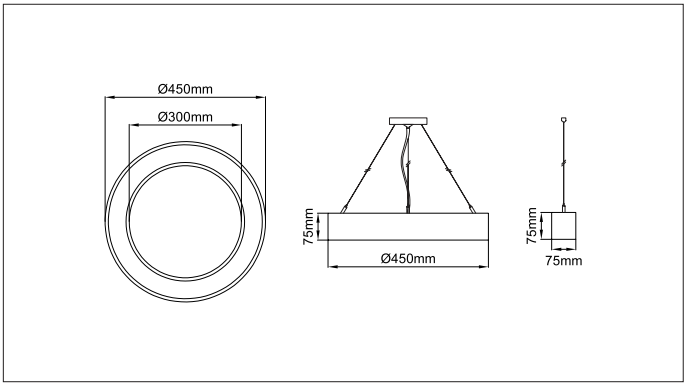
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	24587lm	25374lm	25767lm	26750lm	27145lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Luminous flux Direct / Işık akısı Direkt	16361lm	16885lm	17146lm	17800lm	18063lm
Luminous flux Indirect / Işık akısı Endirekt	8226lm	8489lm	8621lm	8950lm	9082lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	249W (166W Direkt - 83W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 045 . 030 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

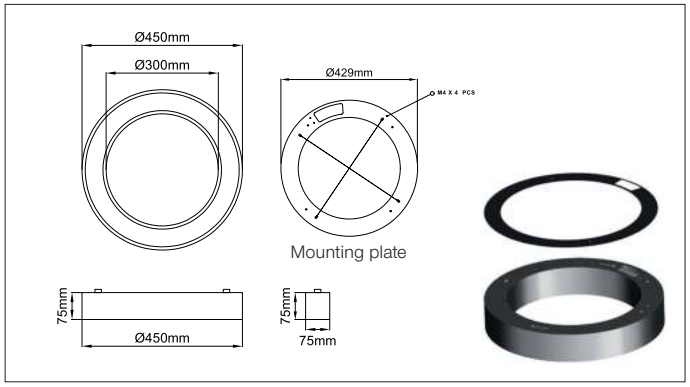
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2923lm	3017lm	3064lm	3181lm	3228lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	30W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 045 . 030 . 830 . 01

1 2 3 4 5

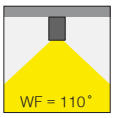
1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

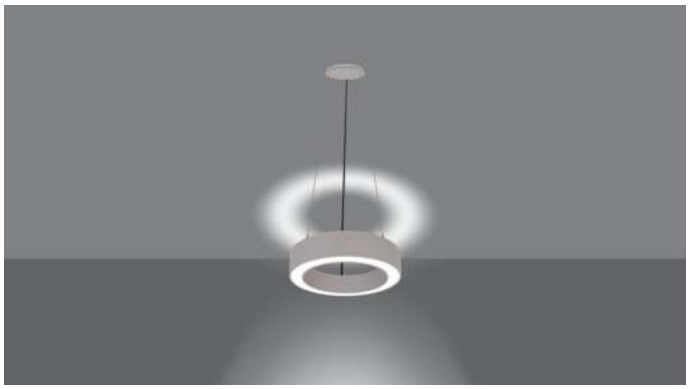
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

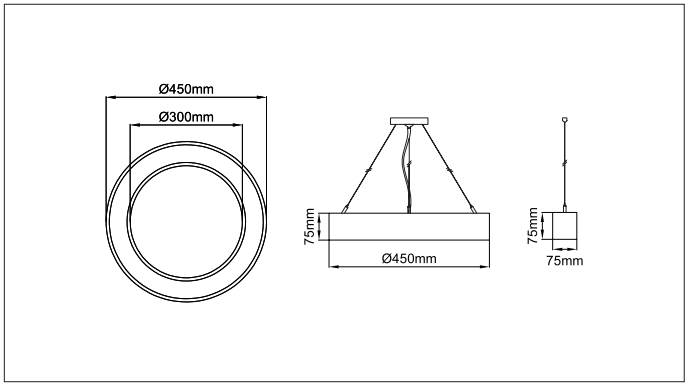
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2923lm	3017lm	3064lm	3181lm	3228lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	30W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 045 . 045 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

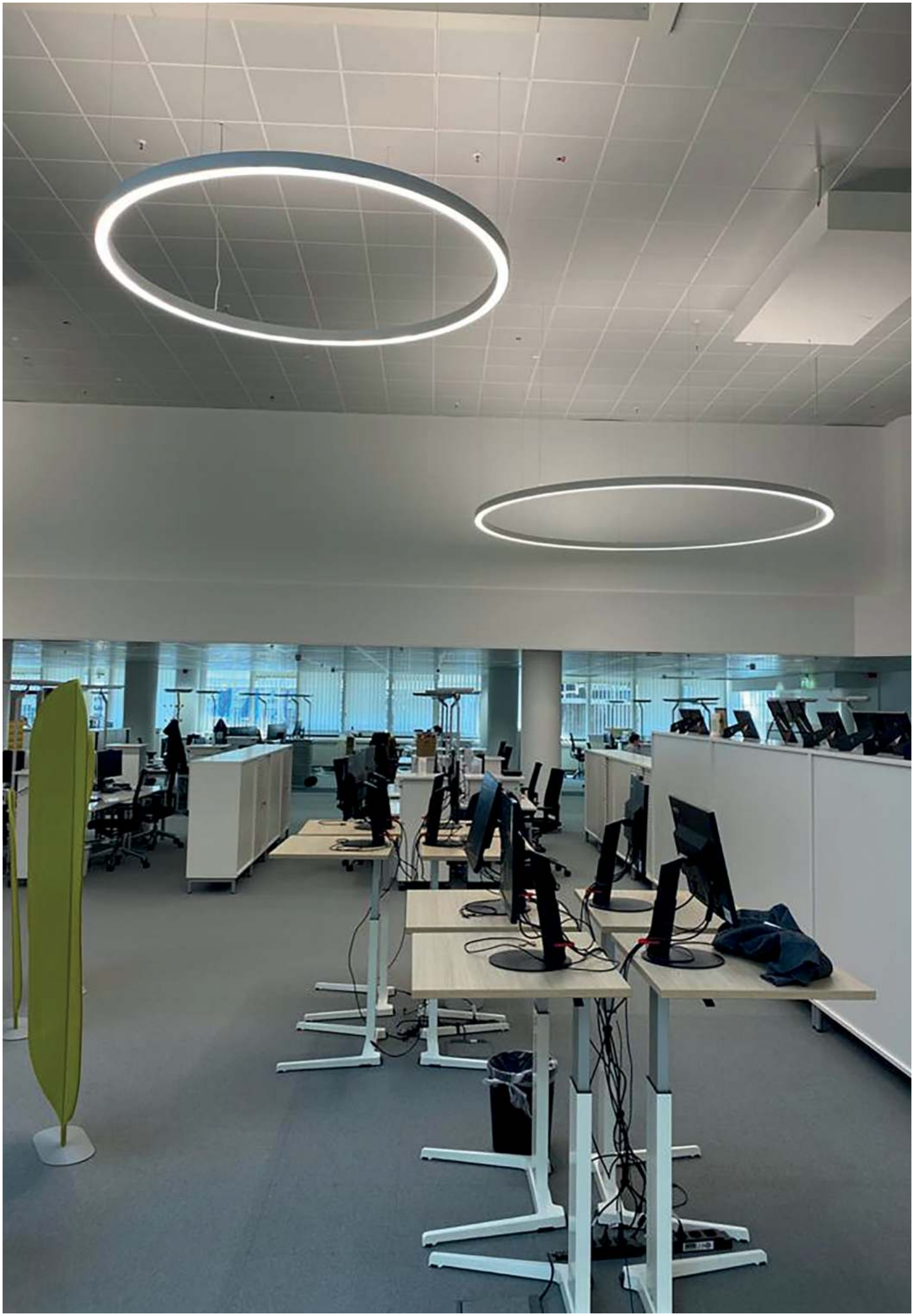
* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

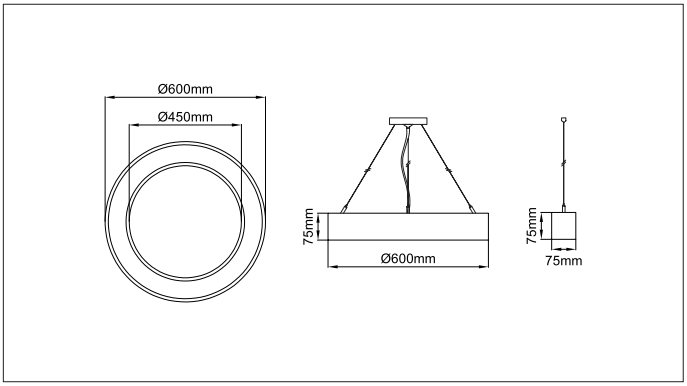
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	4412lm	4553lm	4624lm	4801lm	4871lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	2923lm	3017lm	3064lm	3181lm	3228lm
Luminous flux Indirect / Işık akısı Endirekt	1489lm	1536lm	1560lm	1620lm	1643lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	45W (30W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14107 . 060 . 040 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

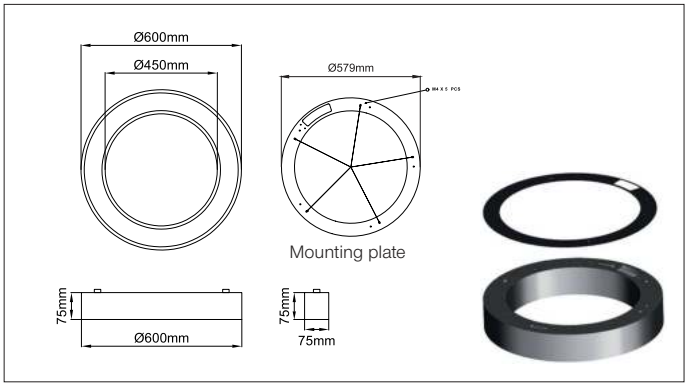
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	3898lm	4023lm	4085lm	4241lm	4303lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14207 . 060 . 040 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

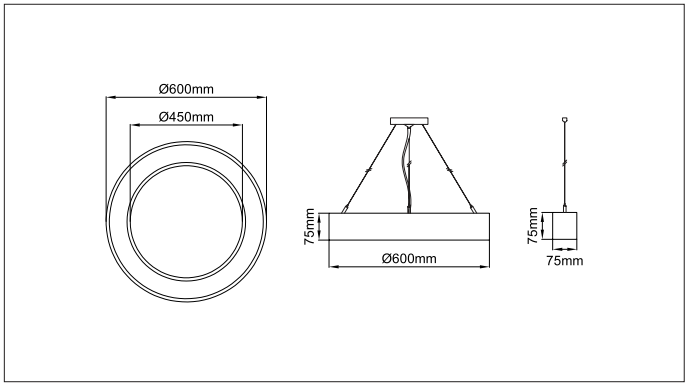
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	3898lm	4023lm	4085lm	4241lm	4303lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 060 . 060 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

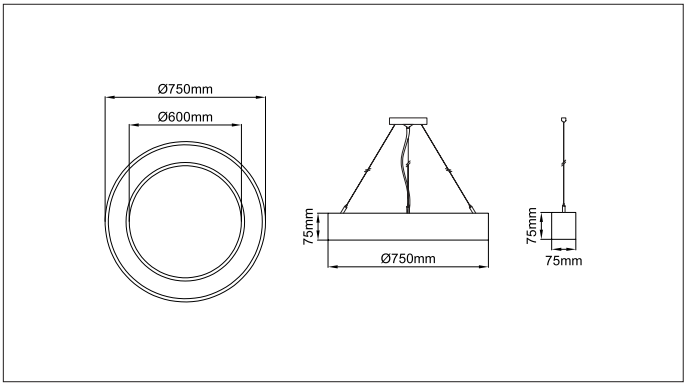
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	5883lm	6071lm	6165lm	6401lm	6494lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	3898lm	4023lm	4085lm	4241lm	4303lm
Luminous flux Indirect / Işık akısı Endirekt	1985lm	2048lm	2080lm	2160lm	2191lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	60W (40W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 075 . 050 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

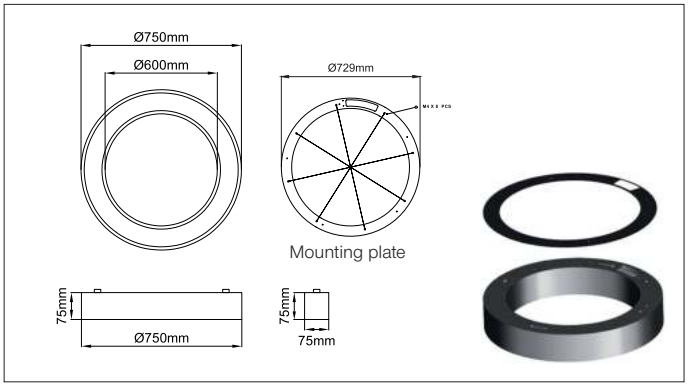
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4872lm	5028lm	5106lm	5309lm	5379lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 075 . 050 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

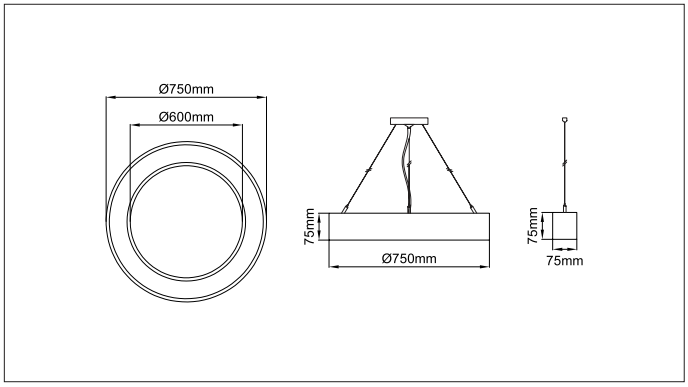
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4872lm	5028lm	5106lm	5309lm	5379lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 075 . 075 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

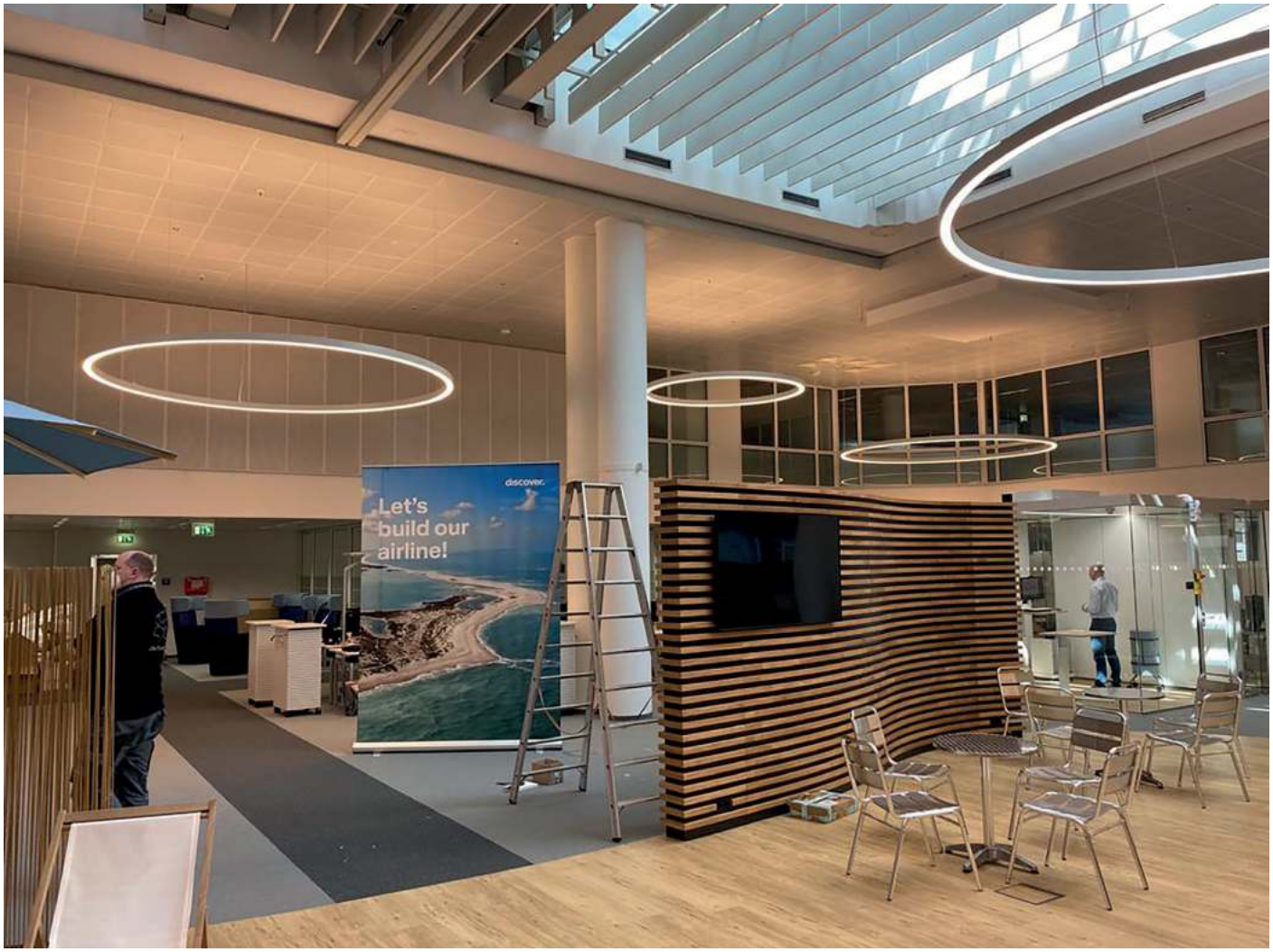
* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

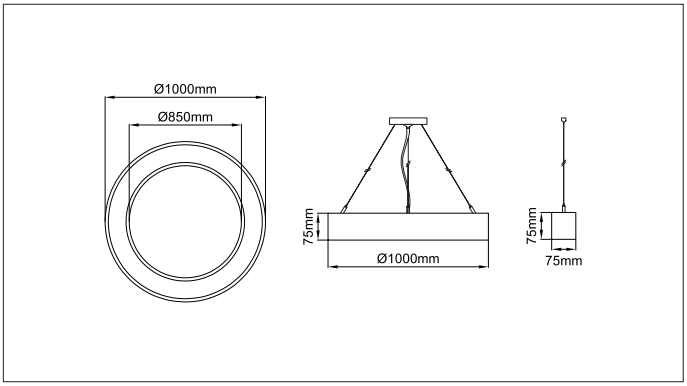
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	7353lm	7589lm	7706lm	8009lm	8118lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	4872lm	5028lm	5106lm	5309lm	5379lm
Luminous flux Indirect / Işık akısı Endirekt	2481lm	2561lm	2600lm	2700lm	2739lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	75W (50W Direkt - 25W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


discover.
Let's
build our
airline!

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 100 . 065 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

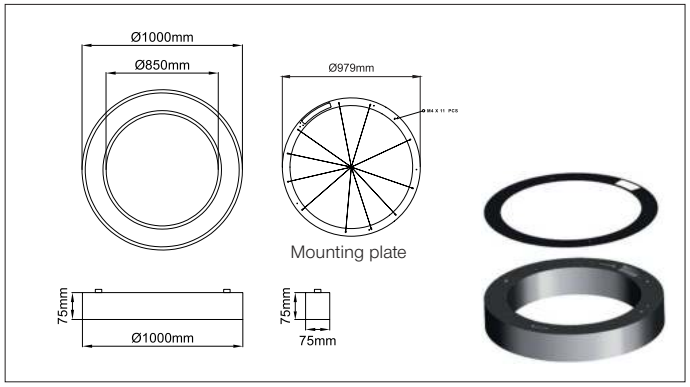
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6497lm	6705lm	6809lm	7069lm	7163lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	65W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 100 . 065 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

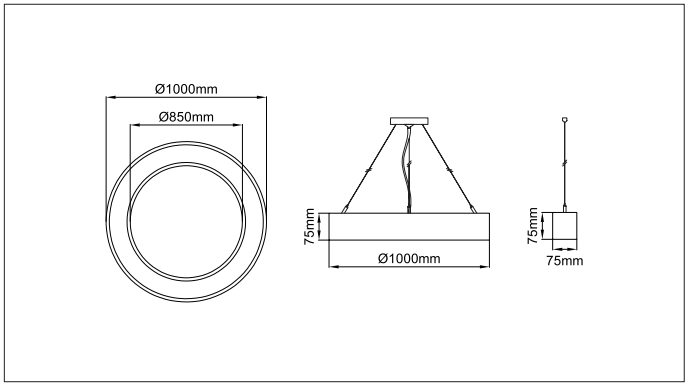
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6497lm	6705lm	6809lm	7069lm	7163lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	65W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307. 100 . 098 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

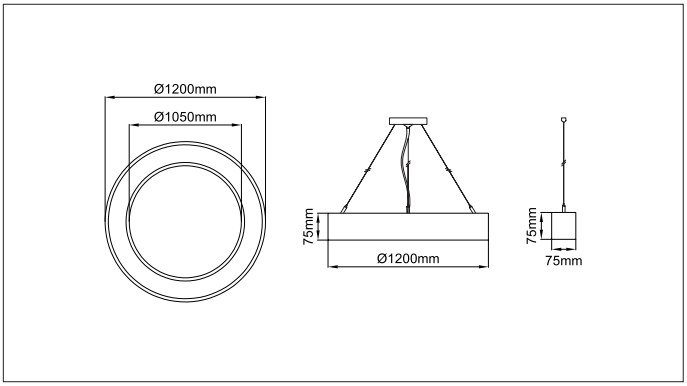
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	9806lm	10119lm	10276lm	10669lm	10816lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	6497lm	6705lm	6809lm	7069lm	7163lm
Luminous flux Indirect / Işık akısı Endirekt	3309lm	3414lm	3467lm	3600lm	3653lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W (65W Direkt - 33W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 120 . 078 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

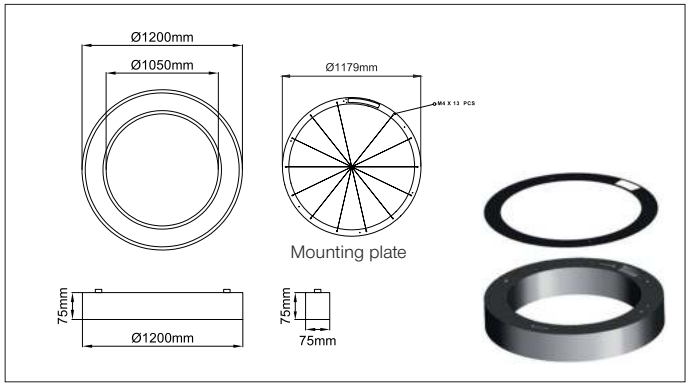
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	7796lm	8046lm	8170lm	8482lm	8607lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	78W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 120 . 078 . 830 . 01

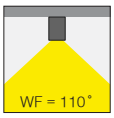
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

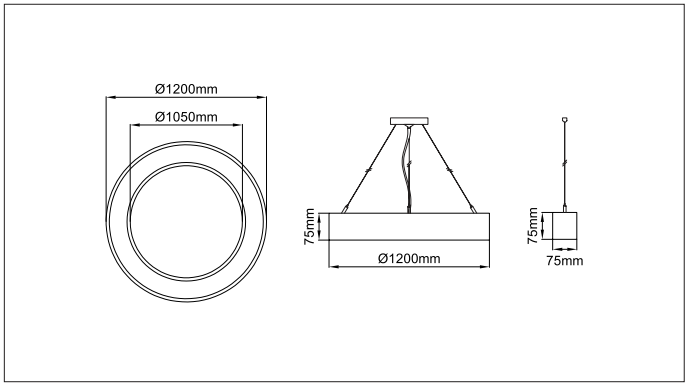
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	7796lm	8046lm	8170lm	8482lm	8607lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	78W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 120 . 117 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

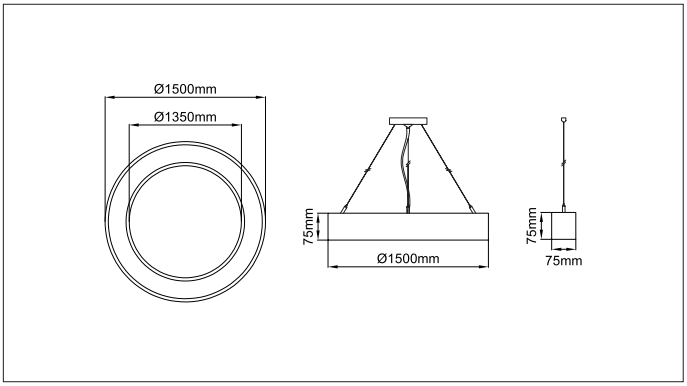
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	11766lm	12143lm	12331lm	12802lm	12990lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	105lm/W	109lm/W	111lm/W
Luminous flux Direct / Işık akısı Direkt	7796lm	8046lm	8170lm	8482lm	8607lm
Luminous flux Indirect / Işık akısı Endirekt	3970lm	4097lm	4161lm	4320lm	4383lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	117W (78W Direkt - 39W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


discove

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 150 . 098 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

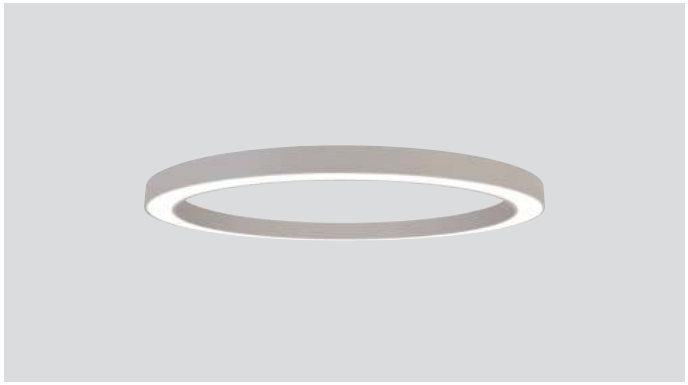
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

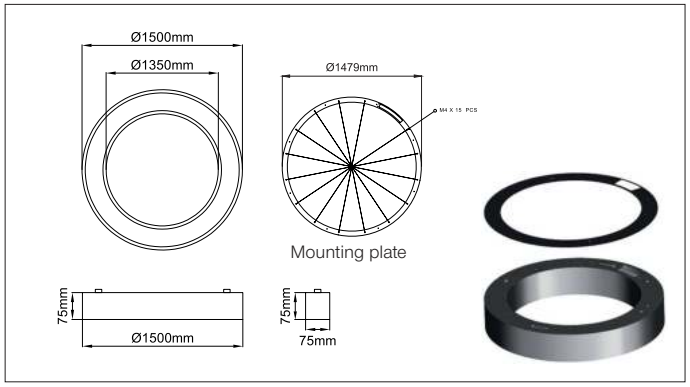
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	9746lm	10058lm	10213lm	10603lm	10759lm
System efficiency / Sistem verimliliği	99lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 150 . 098 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

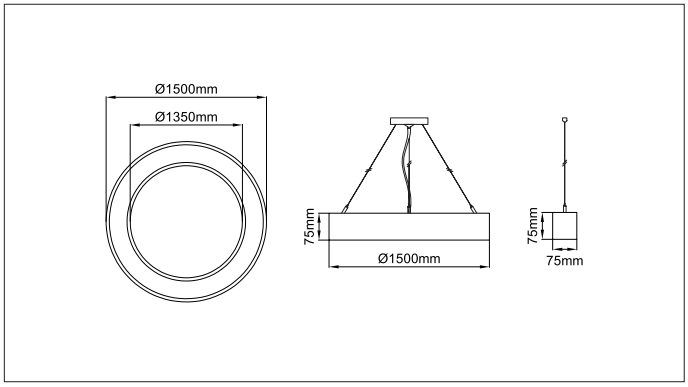
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	9746lm	10058lm	10213lm	10603lm	10759lm
System efficiency / Sistem verimliliği	99lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 150 . 147 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

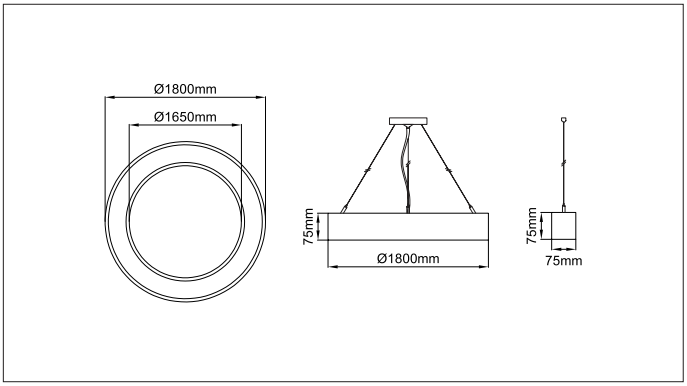
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	14709lm	15180lm	15414lm	16003lm	16238lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	9746lm	10058lm	10213lm	10603lm	10759lm
Luminous flux Indirect / Işık akısı Endirekt	4963lm	5122lm	5201lm	5400lm	5479lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	147W (98W Direkt - 49W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107. 180 . 120 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

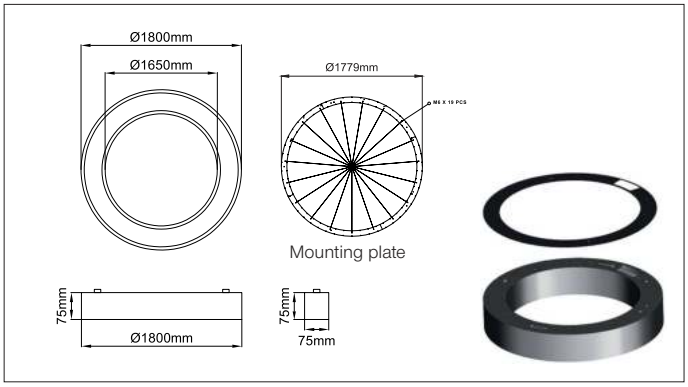
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	11912lm	12293lm	12484lm	12960lm	13151lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	120W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

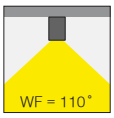
I02.LL.14207 . 180 . 120 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

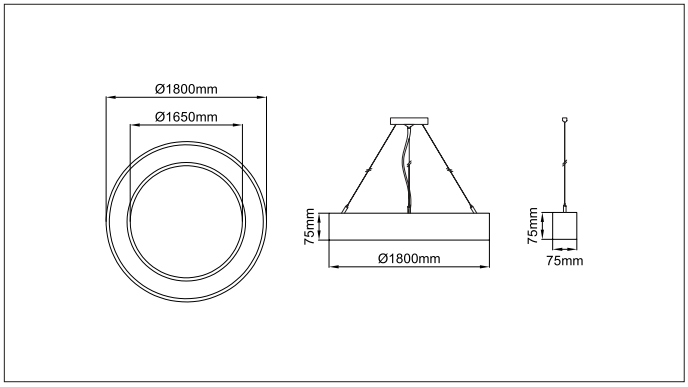
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	11912lm	12293lm	12484lm	12960lm	13151lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	120W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 180 . 180 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

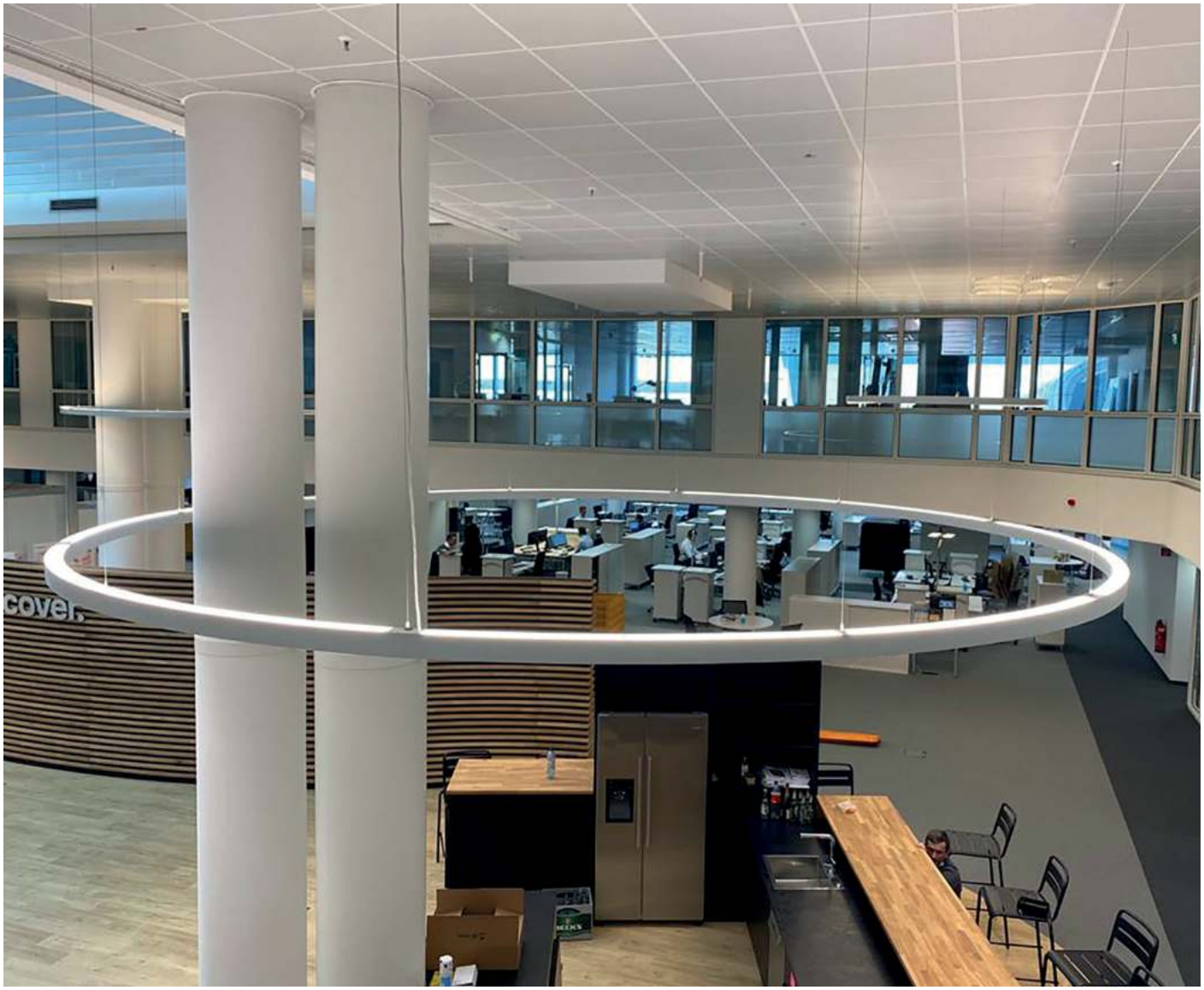
* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

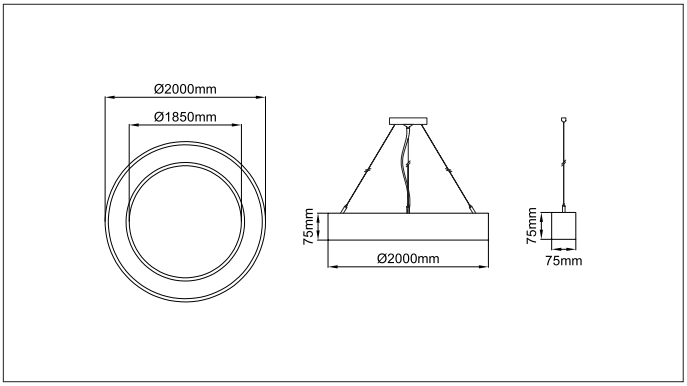
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	17916lm	18489lm	18776lm	19492lm	19779lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	11912lm	12293lm	12484lm	12960lm	13151lm
Luminous flux Indirect / Işık akısı Endirekt	6004lm	6196lm	6292lm	6532lm	6628lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	180W (120W Direkt - 60W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14107 . 200 . 134 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

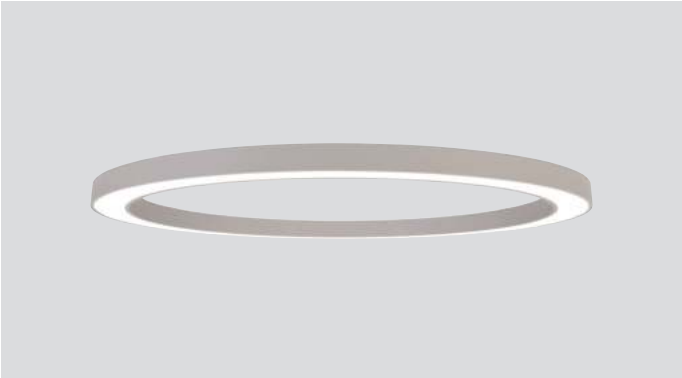
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

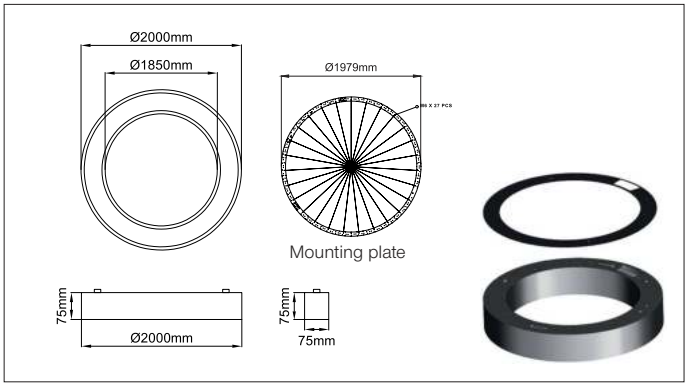
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13116lm	13536lm	13746lm	14270lm	14481lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	134W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 200 . 134 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

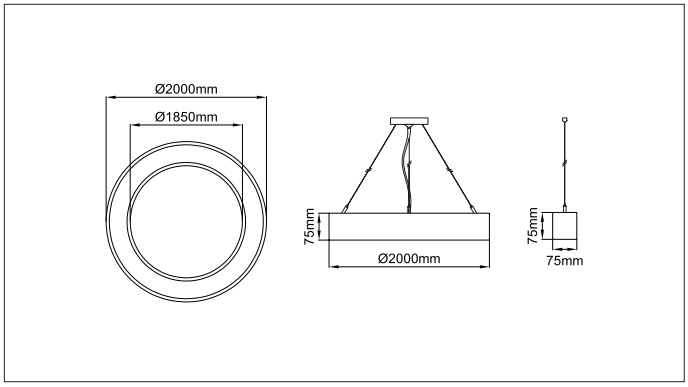
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13116lm	13536lm	13746lm	14270lm	14481lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	134W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 200 . 201 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

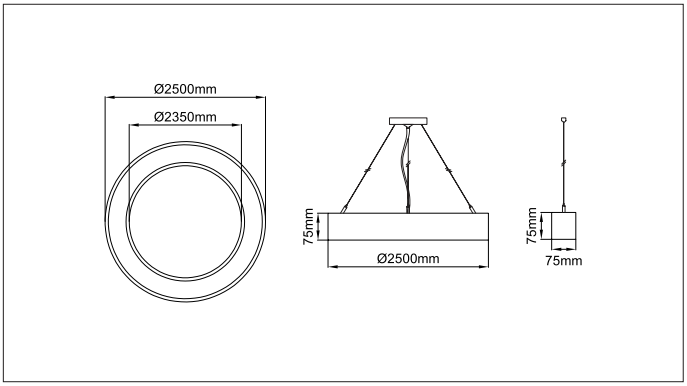
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	19734lm	20365lm	20681lm	21470lm	21787lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	107lm/W	108lm/W
Luminous flux Direct / Işık akısı Direkt	13116lm	13536lm	13746lm	14270lm	14481lm
Luminous flux Indirect / Işık akısı Endirekt	6618lm	6829lm	6935lm	7200lm	7306lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	201W (134W Direkt - 67W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


Bebek Bezi
YENİ • KALİTELİ •
25.YIL
Şekerli Günler
Her Gün
Seçili Markalarda
6-30 Aralık
NET
25%
indirim
50%
HEDİYE
Prima
İNDİRİM

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14107 . 250 . 166 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

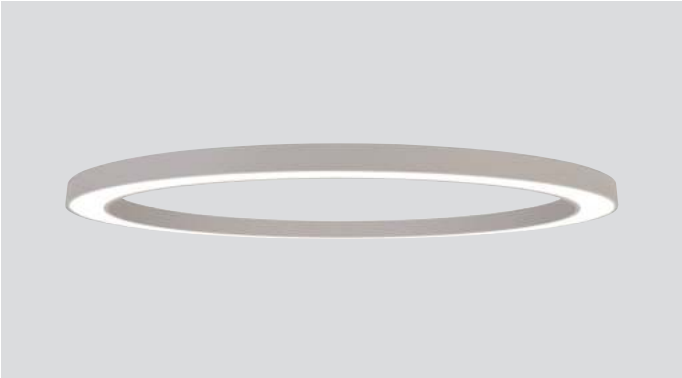
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

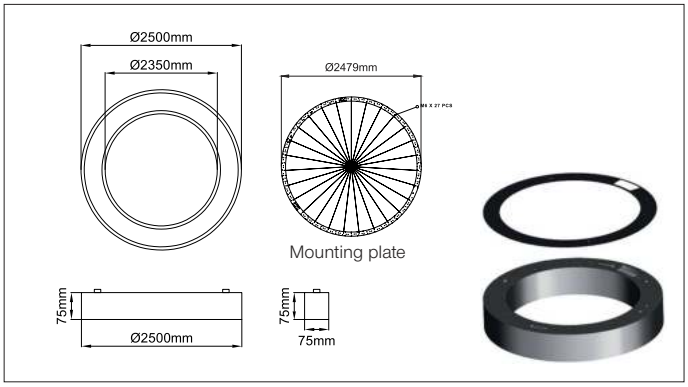
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	16361lm	16885lm	17146lm	17800lm	18063lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	166W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14207 . 250 . 166 . 830 . 01

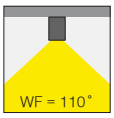
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 575 for Idt files. / Işık eğrileri için sayfa 575 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

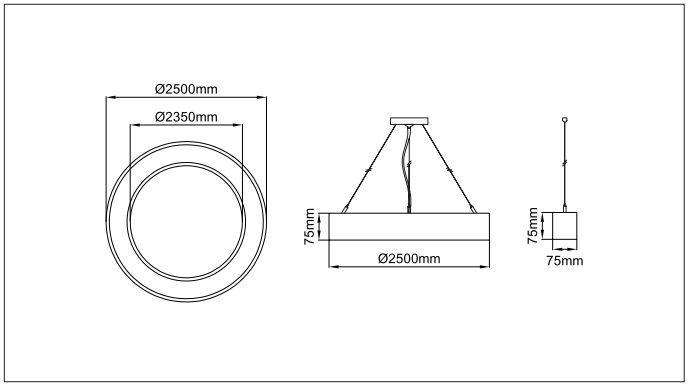
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	16361lm	16885lm	17146lm	17800lm	18063lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	166W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Ring





* Code example / Kod örneği:

I02.LL.14307 . 250 . 249 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 576 - 577 for Idt files. / Işık eğrileri için sayfa 576 - 577 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	250cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

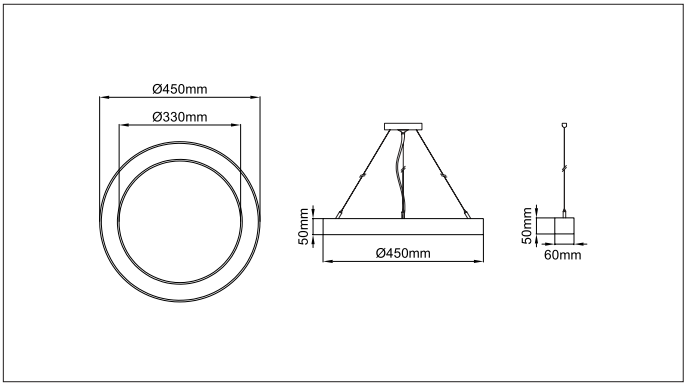
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	24587lm	25374lm	25767lm	26750lm	27145lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Luminous flux Direct / Işık akısı Direkt	16361lm	16885lm	17146lm	17800lm	18063lm
Luminous flux Indirect / Işık akısı Endirekt	8226lm	8489lm	8621lm	8950lm	9082lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	249W (166W Direkt - 83W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 1.75 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 045 . 030 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

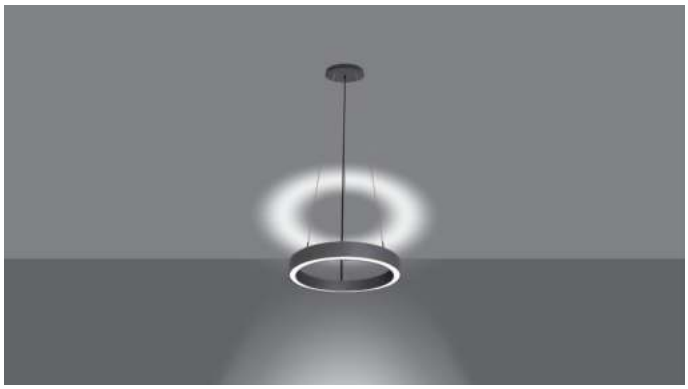
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

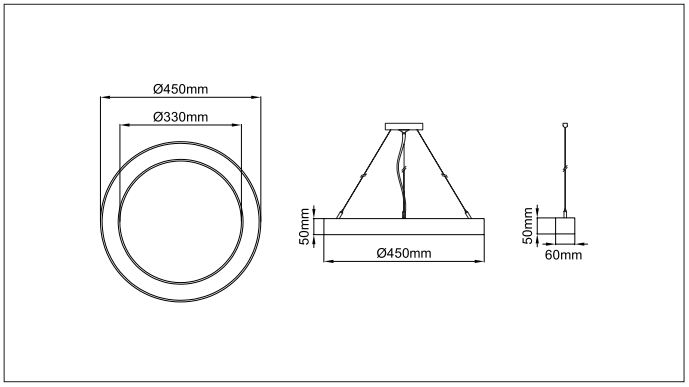
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	50mm
Weight / Ağırlık	1.75kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2923lm	3017lm	3064lm	3181lm	3228lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	30W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 045 . 045 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

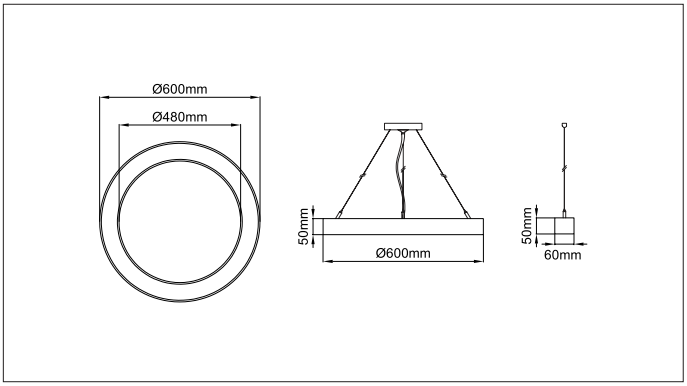
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	50mm
Weight / Ağırlık	2kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	5031lm	5193lm	5274lm	5475lm	5555lm
System efficiency / Sistem verimliliği	112lm/W	115lm/W	117lm/W	122lm/W	123lm/W
Luminous flux Direct / Işık akısı Direkt	3239lm	3344lm	3396lm	3525lm	3577lm
Luminous flux Indirect / Işık akısı Endirekt	1792lm	1849lm	1878lm	1950lm	1978lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	45W (30W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





kg 2.3

* Code example / Kod örneği:

I02.LL.14105 . 060 . 040 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

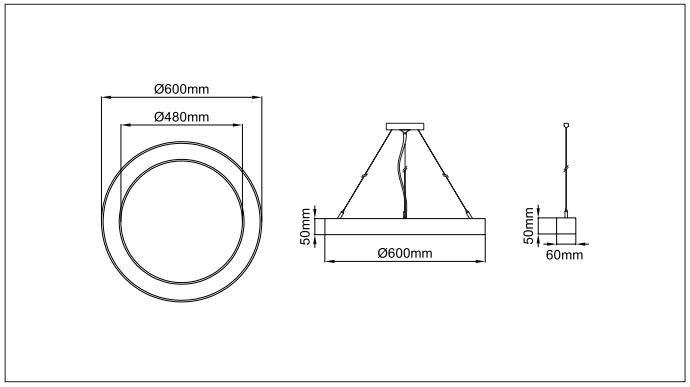
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	50mm
Weight / Ağırlık	2.3kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	3898lm	4023lm	4085lm	4241lm	4303lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.55 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 060 . 060 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım

Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine.

Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

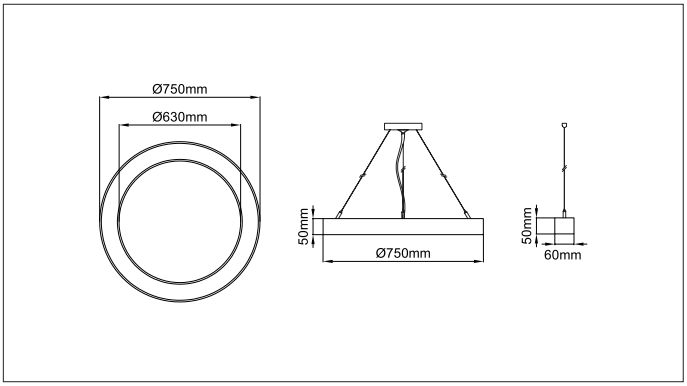
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	50mm
Weight / Ağırlık	2.55kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6709lm	6924lm	7031lm	7300lm	7406lm
System efficiency / Sistem verimliliği	112lm/W	115lm/W	117lm/W	122lm/W	123lm/W
Luminous flux Direct / Işık akısı Direkt	4320lm	4459lm	4527lm	4700lm	4769lm
Luminous flux Indirect / Işık akısı Endirekt	2389lm	2465lm	2504lm	2600lm	2637lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	60W (40W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.95 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 075 . 050 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

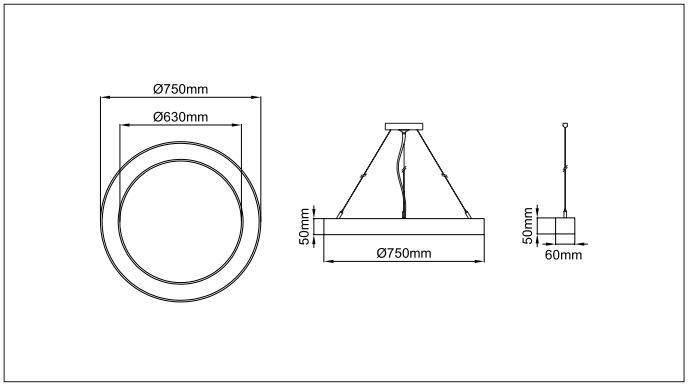
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	50mm
Weight / Ağırlık	2.95kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4872lm	5028lm	5106lm	5309lm	5379lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20

kg 3.2 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 075 . 075 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

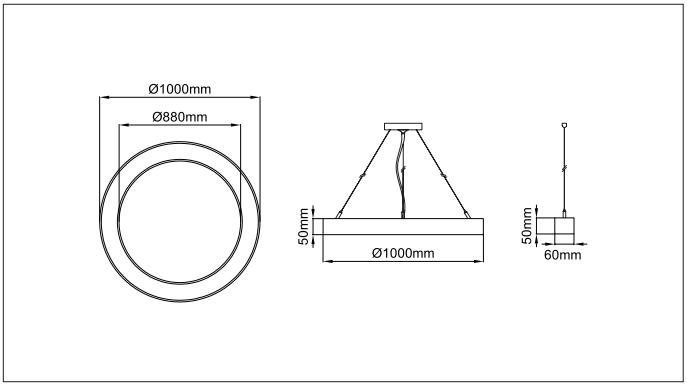
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	50mm
Weight / Ağırlık	3.2kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	8387lm	8656lm	8789lm	9134lm	9259lm
System efficiency / Sistem verimliliği	112lm/W	115lm/W	117lm/W	122lm/W	123lm/W
Luminous flux Direct / Işık akısı Direkt	5400lm	5573lm	5659lm	5884lm	5962lm
Luminous flux Indirect / Işık akısı Endirekt	2987lm	3083lm	3130lm	3250lm	3297lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	75W (50W Direkt - 25W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 3.9 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 100 . 065 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

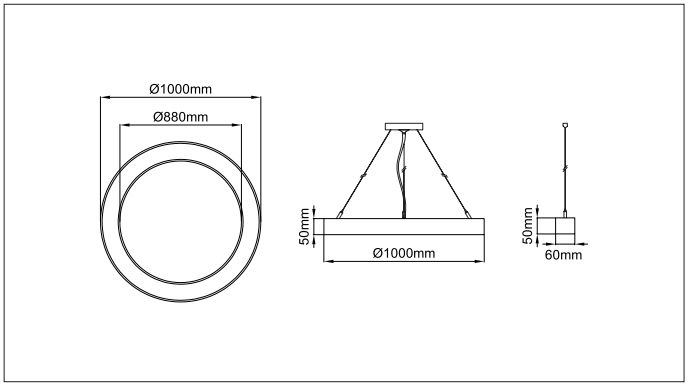
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	50mm
Weight / Ağırlık	3.9kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6497lm	6705lm	6809lm	7069lm	7163lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	65W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





kg 4.15

* Code example / Kod örneği:

I02.LL.14305 . 100 . 098 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

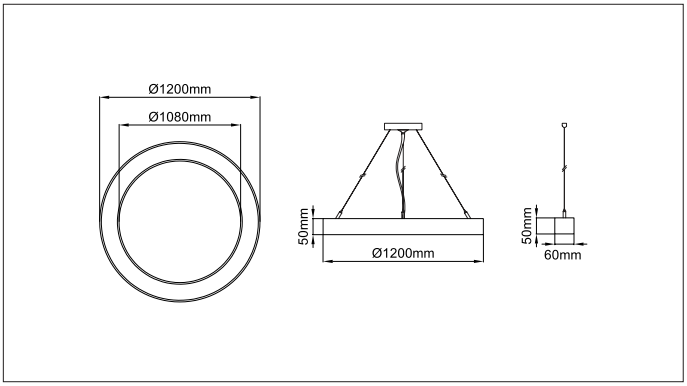
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	50mm
Weight / Ağırlık	4.15kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	11185lm	11541lm	11721lm	12169lm	12337lm
System efficiency / Sistem verimliliği	114lm/W	118lm/W	120lm/W	124lm/W	126lm/W
Luminous flux Direct / Işık akısı Direkt	7201lm	7431lm	7547lm	7835lm	7939lm
Luminous flux Indirect / Işık akısı Endirekt	3984lm	4110lm	4174lm	4334lm	4398lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W (65W Direkt - 33W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





kg 4.7

* Code example / Kod örneği:

I02.LL.14105 . 120 . 078 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

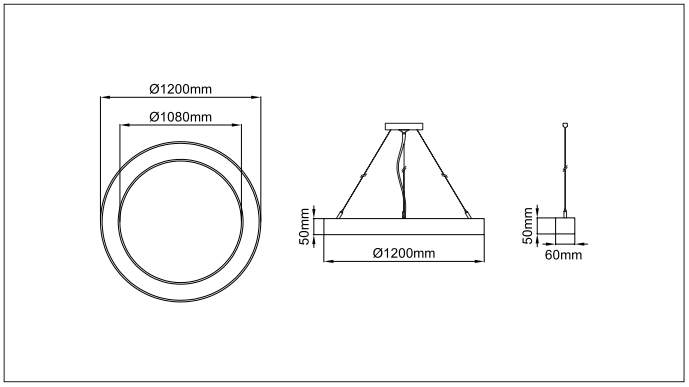
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	50mm
Weight / Ağırlık	4.7kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	7796lm	8046lm	8170lm	8482lm	8607lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	105lm/W	109lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	78W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.95 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 120 . 117 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

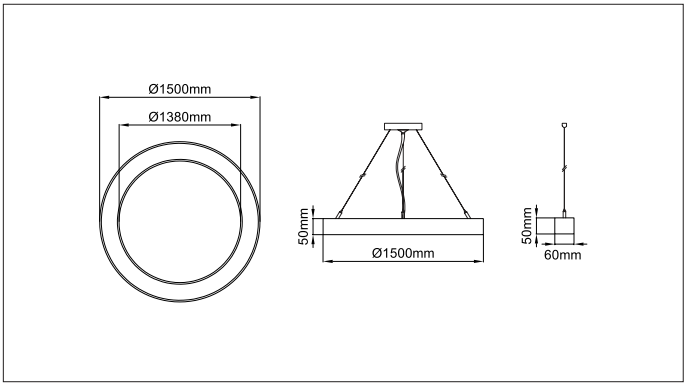
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	50mm
Weight / Ağırlık	4.95kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	13420lm	13850lm	14064lm	14602lm	14816lm
System efficiency / Sistem verimliliği	115lm/W	118lm/W	120lm/W	125lm/W	127lm/W
Luminous flux Direct / Işık akısı Direkt	8641lm	8918lm	9055lm	9401lm	9539lm
Luminous flux Indirect / Işık akısı Endirekt	4779lm	4932lm	5009lm	5201lm	5277lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	117W (78W Direkt - 39W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 5.9 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 150 . 098 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

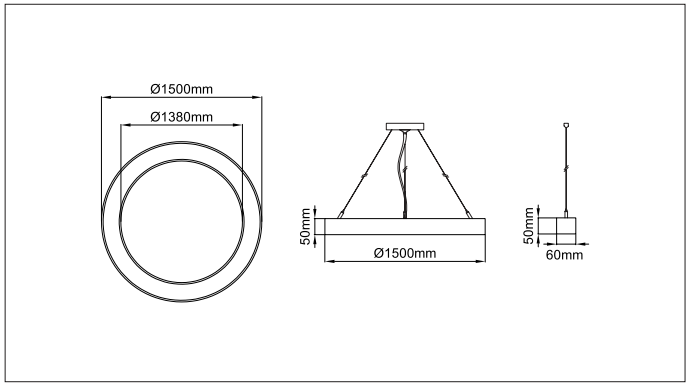
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	50mm
Weight / Ağırlık	5.9kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	9746lm	10058lm	10213lm	10603lm	10759lm
System efficiency / Sistem verimliliği	99lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	98W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 6.15 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 150 . 147 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

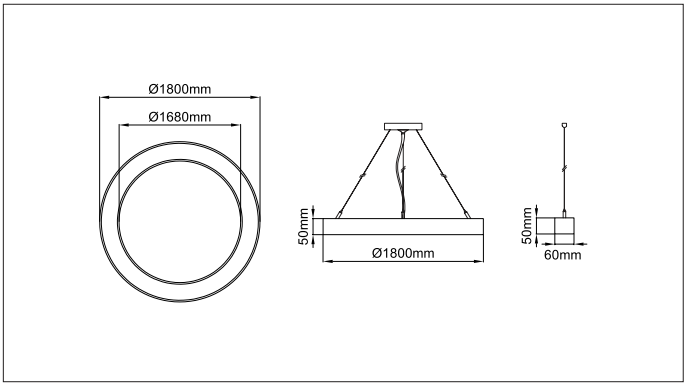
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	150cm
Height / Yükseklik	50mm
Weight / Ağırlık	6.15kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	16777lm	17314lm	17582lm	18253lm	18521lm
System efficiency / Sistem verimliliği	114lm/W	118lm/W	120lm/W	124lm/W	126lm/W
Luminous flux Direct / Işık akısı Direkt	10802lm	11148lm	11320lm	11752lm	11925lm
Luminous flux Indirect / Işık akısı Endirekt	5975lm	6166lm	6262lm	6501lm	6596lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	147W (98W Direkt - 49W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 180 . 120 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

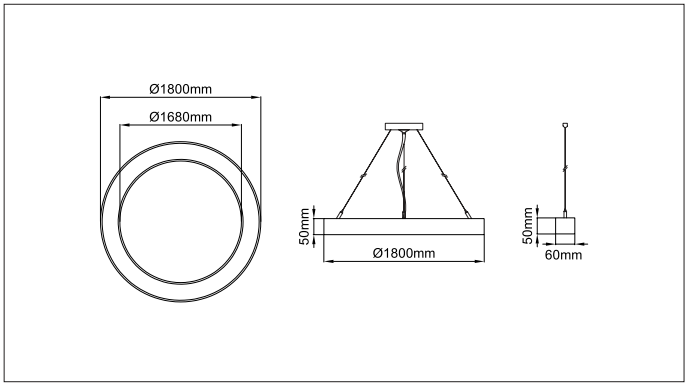
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	50mm
Weight / Ağırlık	7kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	11912lm	12293lm	12484lm	12960lm	13151lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	120W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 180 . 180 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım

Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine.

Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

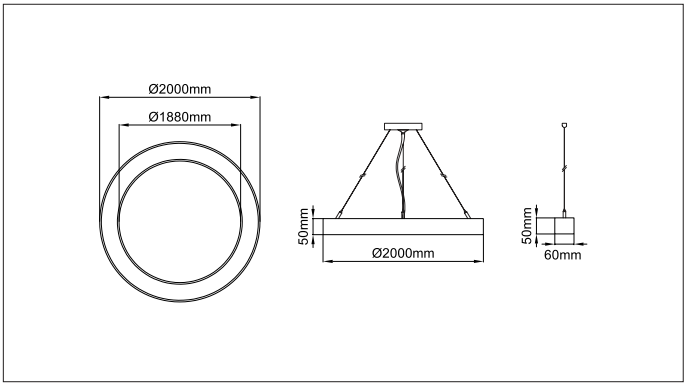
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	180cm
Height / Yükseklik	50mm
Weight / Ağırlık	7.25kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	20431lm	21052lm	21412lm	22228lm	22556lm
System efficiency / Sistem verimliliği	114lm/W	117lm/W	119lm/W	123lm/W	125lm/W
Luminous flux Direct / Işık akısı Direkt	13203lm	13625lm	13837lm	14364lm	14576lm
Luminous flux Indirect / Işık akısı Endirekt	7228lm	7427lm	7575lm	7864lm	7980lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	180W (120W Direkt - 60W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7.8 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14105 . 200 . 134 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 578 for Idt files. / Işık eğrileri için sayfa 578 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

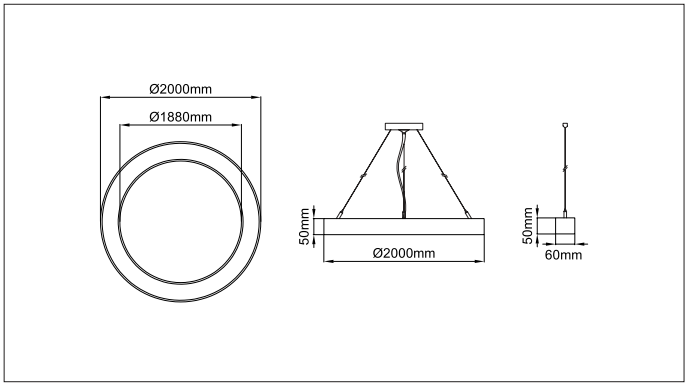
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	50mm
Weight / Ağırlık	7.8kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	13116lm	13536lm	13746lm	14270lm	14481lm
System efficiency / Sistem verimliliği	98lm/W	101lm/W	103lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	134W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 8.05 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.14305 . 200 . 201 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 110°

* See page 579 - 580 for Idt files. / Işık eğrileri için sayfa 579 - 580 bakınız.

Description / Tanım

Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine.

Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

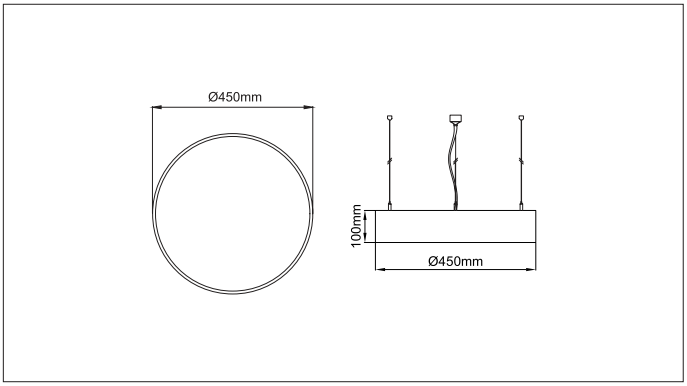
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.14305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	200cm
Height / Yükseklik	50mm
Weight / Ağırlık	8.05kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	22505lm	23225lm	23585lm	24484lm	24846lm
System efficiency / Sistem verimliliği	112lm/W	116lm/W	117lm/W	122lm/W	124lm/W
Luminous flux Direct / Işık akısı Direkt	14537lm	15003lm	15236lm	15816lm	16050lm
Luminous flux Indirect / Işık akısı Endirekt	7968lm	8222lm	8349lm	8668lm	8796lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	110°	110°	110°	110°	110°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	201W (134W Direkt - 67W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13110 . 045 . 025 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for Idt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

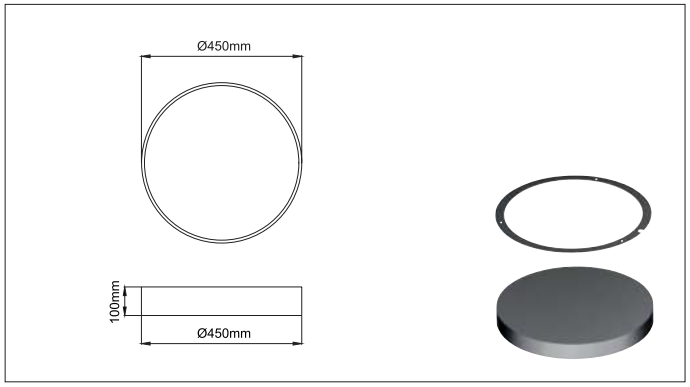
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.50kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 2.5 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13210 . 045 . 025 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for ldt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

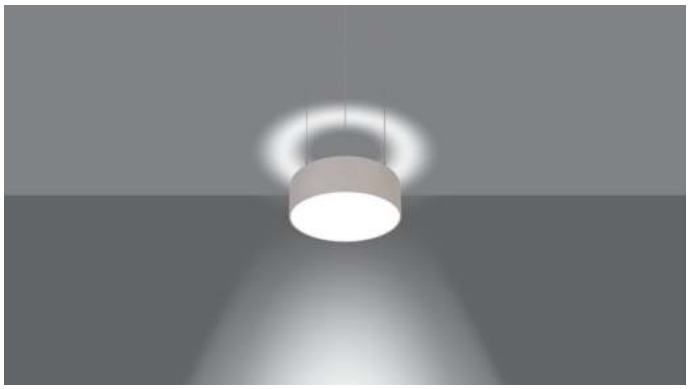
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

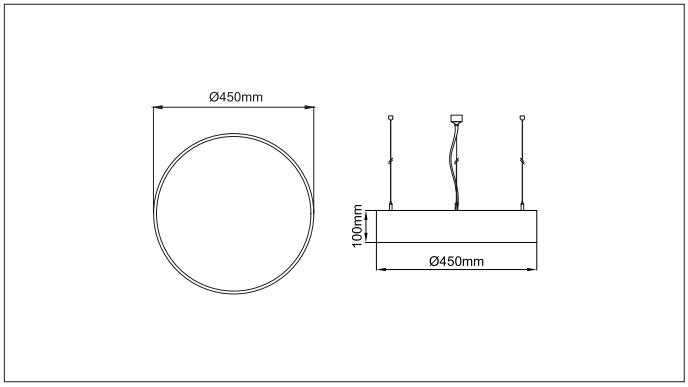
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	2.50kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





* Code example / Kod örneği:

I02.LL.13310 . 045 . 040 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 581 - 582 for Idt files. / Işık eğrileri için sayfa 581 - 582 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	100mm
Weight / Ağırlık	3kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

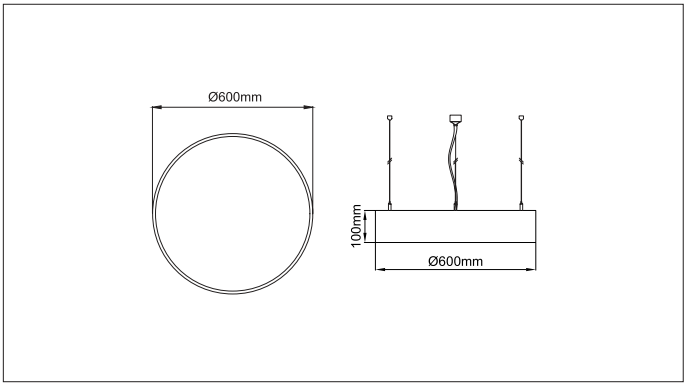
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3408lm	3517lm	3572lm	3709lm	3763lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	2435lm	2513lm	2552lm	2650lm	2689lm
Luminous flux Indirect / Işık akısı Endirekt	973lm	1004lm	1020lm	1059lm	1074lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W (25W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Full Ring





kg 3.6

* Code example / Kod örneği:

I02.LL.13110 . 060 . 050 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for Idt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

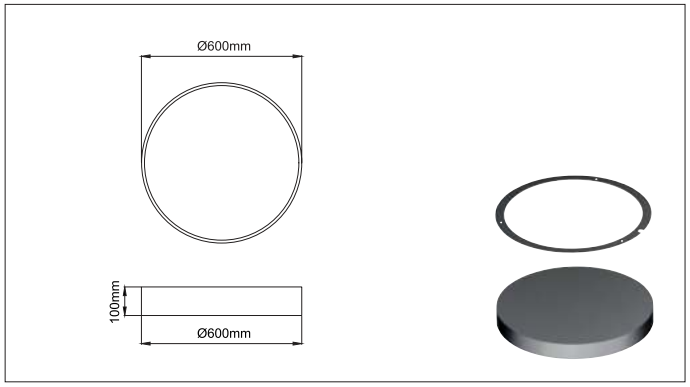
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	3.60kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





3.6

* Code example / Kod örneği:

I02.LL.13210 . 060 . 050 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for ldt files. /
Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

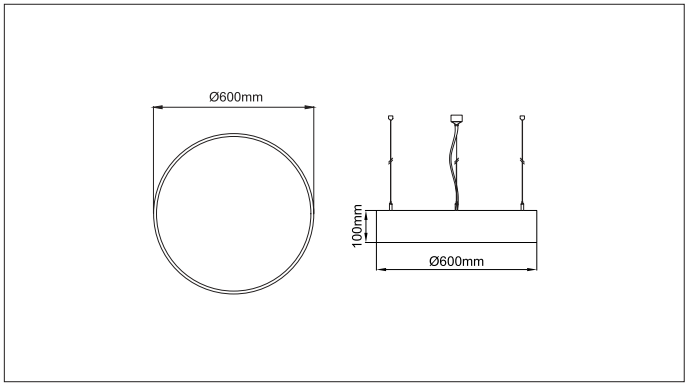
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	3.60kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





4.1

* Code example / Kod örneği:

I02.LL.13310 . 060 . 070 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 581 - 582 for Idt files. / Işık eğrileri için sayfa 581 - 582 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.1kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

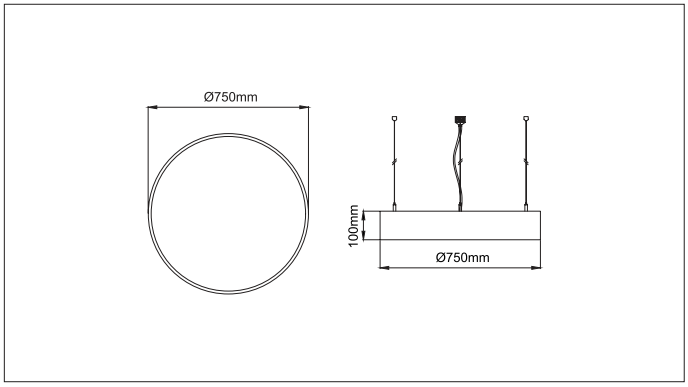
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6184lm	6383lm	6481lm	6729lm	6828lm
System efficiency / Sistem verimliliği	88lm/W	91lm/W	93lm/W	96lm/W	98lm/W
Luminous flux Direct / Işık akısı Direkt	4917lm	5075lm	5153lm	5350lm	5429lm
Luminous flux Indirect / Işık akısı Endirekt	1267lm	1308lm	1328lm	1379lm	1399lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W (50W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.9 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13110 . 075 . 070 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for Idt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

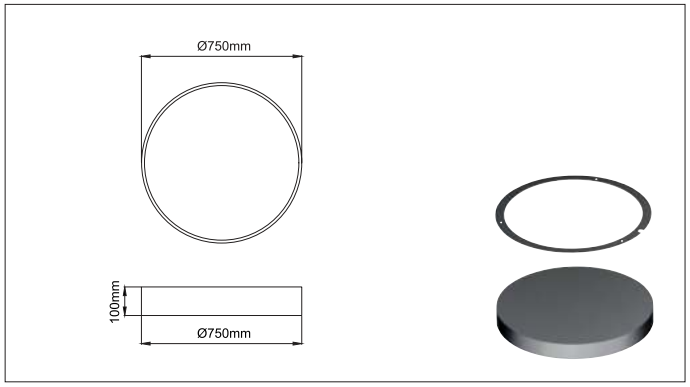
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.90kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 4.9 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13210 . 075 . 070 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for ldt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

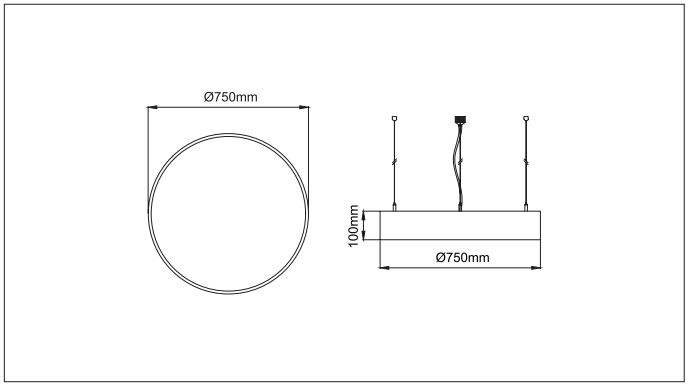
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	4.90kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 5.4 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13310 . 075 . 096 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

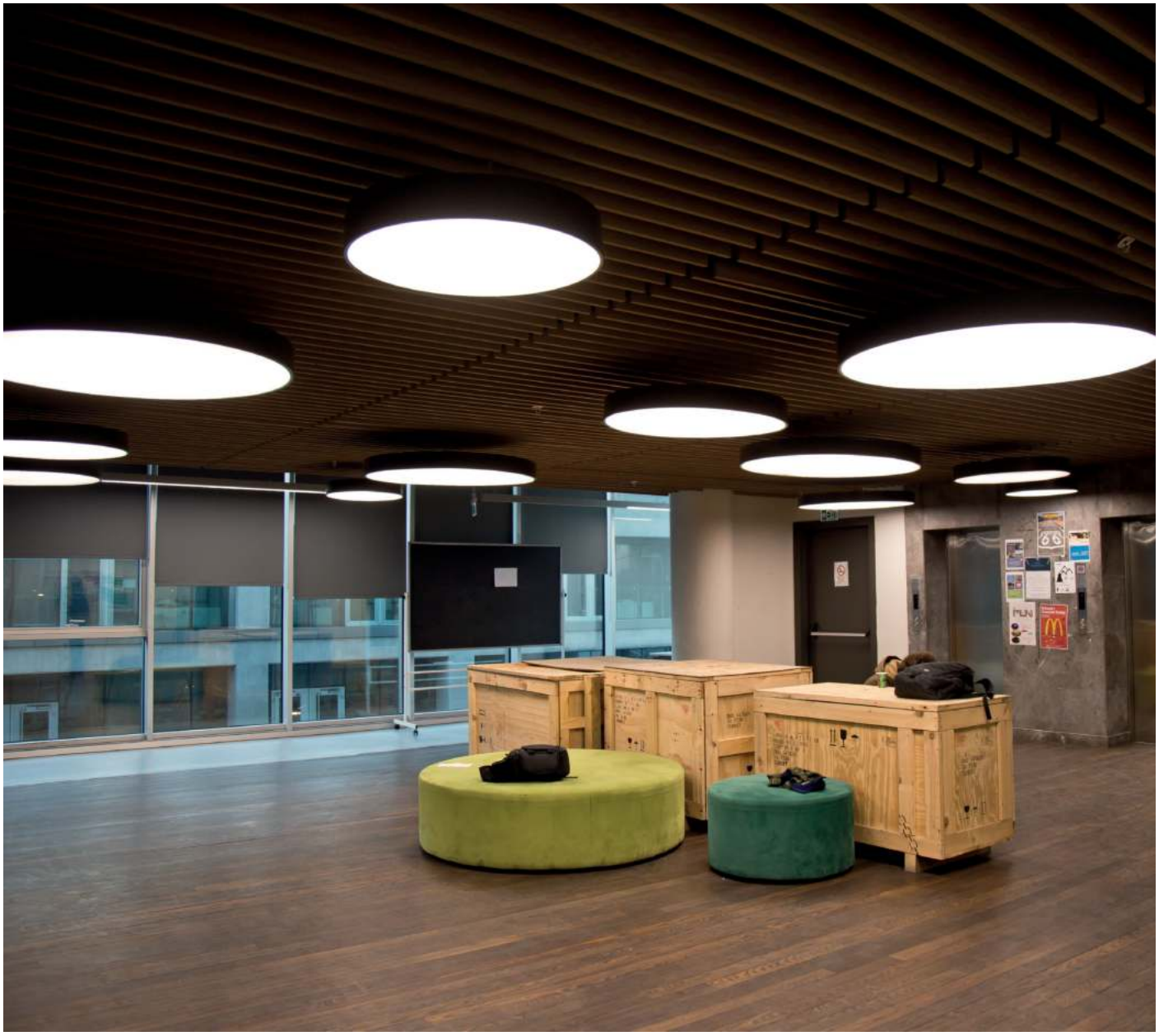
* See page 581 - 582 for Idt files. / Işık eğrileri için sayfa 581 - 582 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	100mm
Weight / Ağırlık	5.4kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

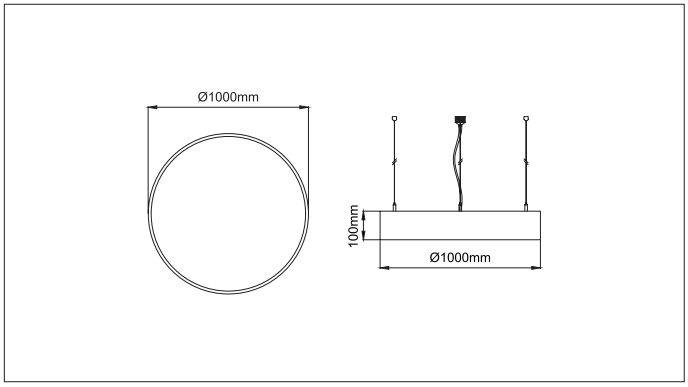
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	8572lm	8846lm	8983lm	9326lm	9463lm
System efficiency / Sistem verimliliği	89lm/W	92lm/W	94lm/W	97lm/W	99lm/W
Luminous flux Direct / Işık akısı Direkt	6949lm	7171lm	7282lm	7560lm	7671lm
Luminous flux Indirect / Işık akısı Endirekt	1623lm	1675lm	1701lm	1766lm	1792lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	96W (70W Direkt - 26W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13110 . 100 . 125 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for Idt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

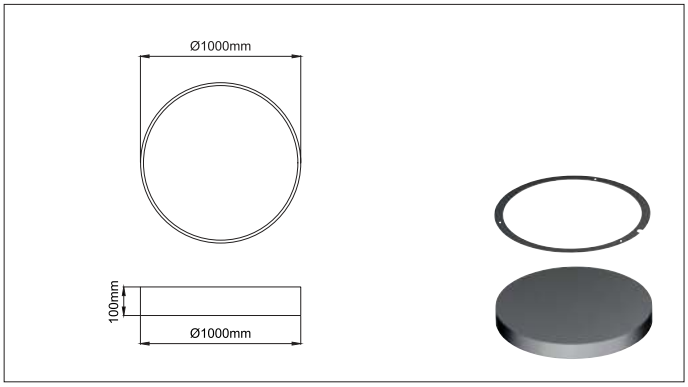
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	7.25kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	12409lm	12806lm	13004lm	13500lm	13699lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	125W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 7.25 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13210 . 100 . 125 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for ldt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

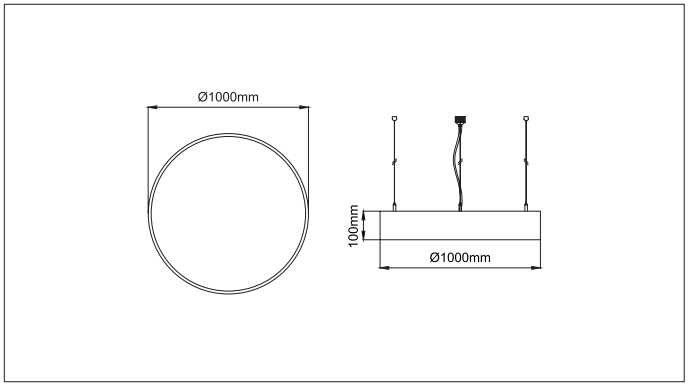
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	7.25kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	12409lm	12806lm	13004lm	13500lm	13699lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	125W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





7.75 kg

* Code example / Kod örneği:

I02.LL.13310 . 100 . 155 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 581 - 582 for Idt files. / Işık eğrileri için sayfa 581 - 582 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	100mm
Weight / Ağırlık	7.75kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

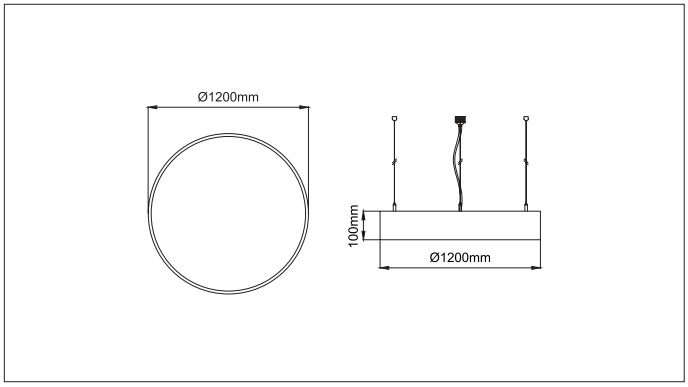
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	14229lm	14684lm	14911lm	15480lm	15708lm
System efficiency / Sistem verimliliği	92lm/W	95lm/W	96lm/W	100lm/W	101lm/W
Luminous flux Direct / Işık akısı Direkt	12409lm	12806lm	13004lm	13500lm	13699lm
Luminous flux Indirect / Işık akısı Endirekt	1820lm	1878lm	1907lm	1980lm	2009lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	155W (125W Direkt - 30W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Full Ring





10.15

* Code example / Kod örneği:

I02.LL.13110 . 120 . 175 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for Idt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

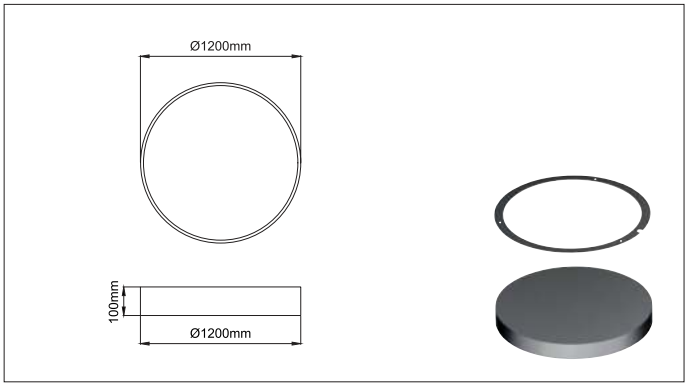
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13110.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	10.15kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	17372lm	17928lm	18206lm	18900lm	19179lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	175W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | kg 10.15 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13210 . 120 . 175 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 580 - 581 for ldt files. / Işık eğrileri için sayfa 580 - 581 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

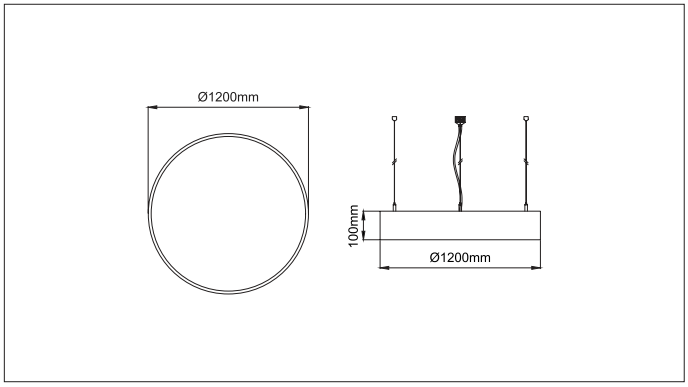
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13210.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	10.15kg
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	17372lm	17928lm	18206lm	18900lm	19179lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	175W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring





10.65

* Code example / Kod örneği:

I02.LL.13310 . 120 . 211 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 581 - 582 for Idt files. / Işık eğrileri için sayfa 581 - 582 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13310.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	100mm
Weight / Ağırlık	10.65kg
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

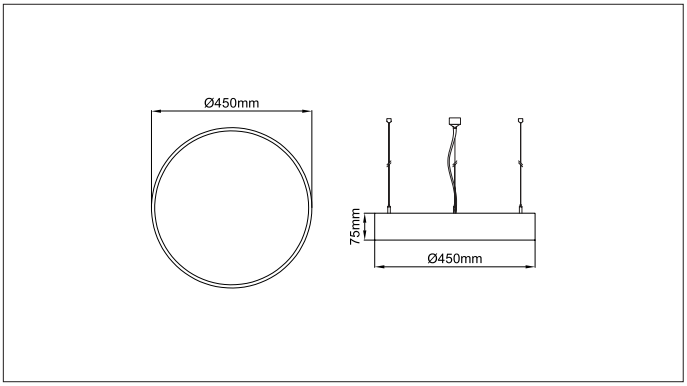
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	19522lm	20147lm	20460lm	21240lm	21553lm
System efficiency / Sistem verimliliği	93lm/W	95lm/W	97lm/W	101lm/W	102lm/W
Luminous flux Direct / Işık akısı Direkt	17372lm	17928lm	18206lm	18900lm	19179lm
Luminous flux Indirect / Işık akısı Endirekt	2150lm	2219lm	2254lm	2340lm	2374lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	211W (175W Direkt - 36W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13107 . 045 . 025 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

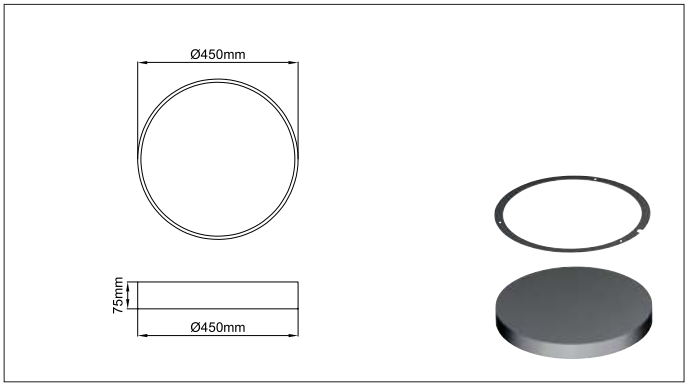
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13207 . 045 . 025 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

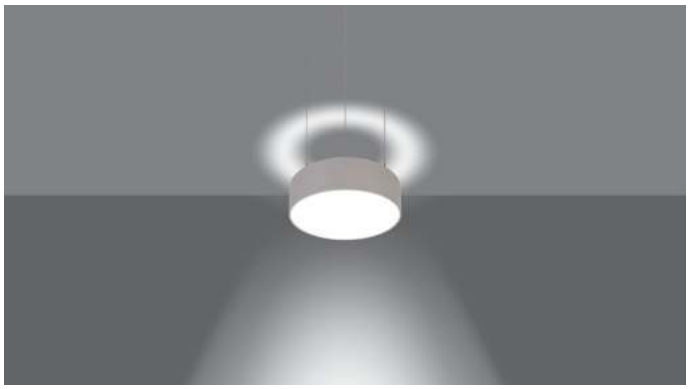
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

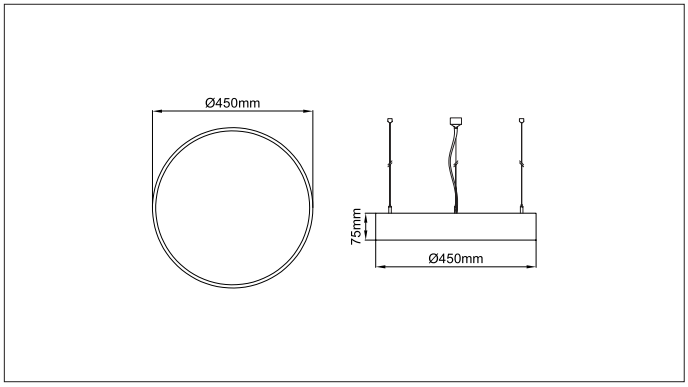
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13307 . 045 . 040 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 583 - 584 for Idt files. / Işık eğrileri için sayfa 583 - 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

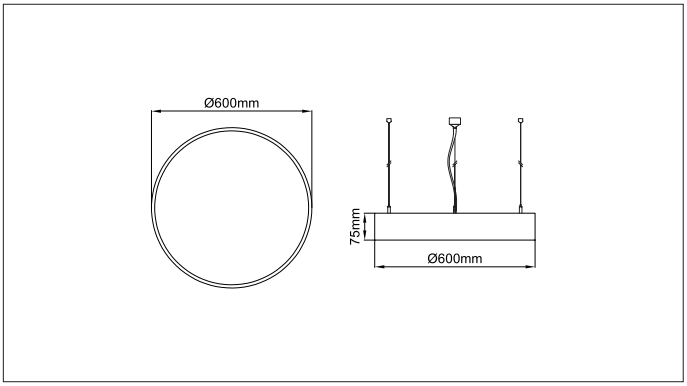
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3408lm	3517lm	3572lm	3709lm	3763lm
System efficiency / Sistem verimliliği	85lm/W	88lm/W	89lm/W	93lm/W	94lm/W
Luminous flux Direct / Işık akısı Direkt	2435lm	2513lm	2552lm	2650lm	2689lm
Luminous flux Indirect / Işık akısı Endirekt	973lm	1004lm	1020lm	1059lm	1074lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W (25W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13107 . 060 . 050 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

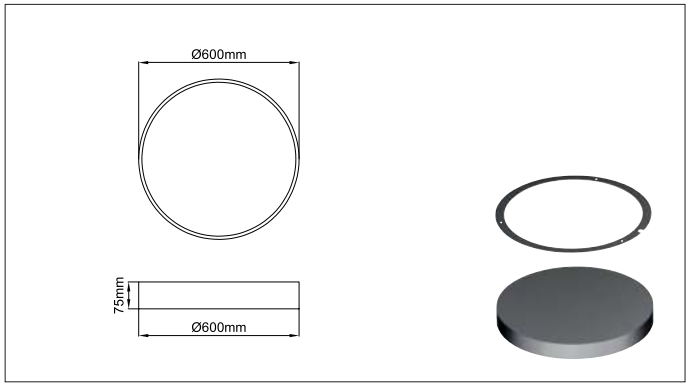
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13207 . 060 . 050 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

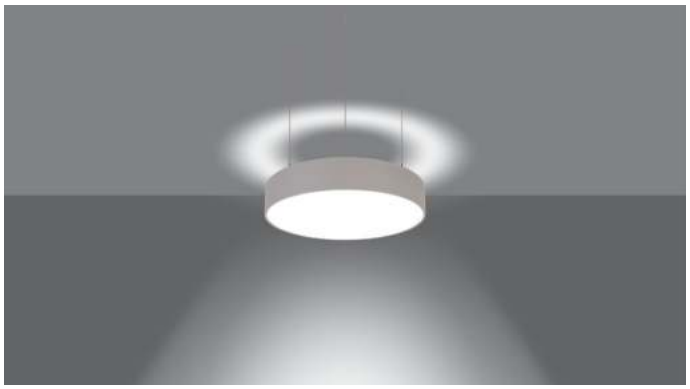
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

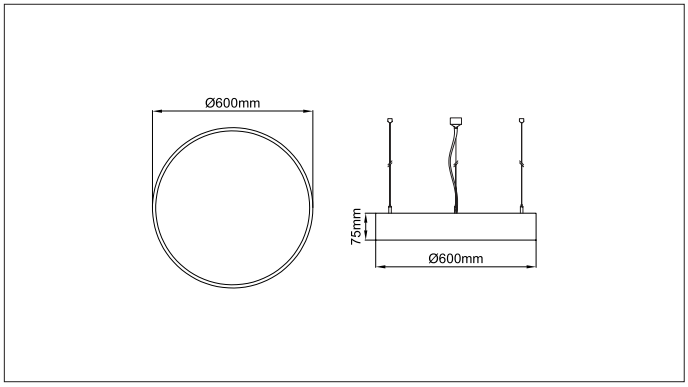
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13307 . 060 . 070 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 583 - 584 for Idt files. / Işık eğrileri için sayfa 583 - 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

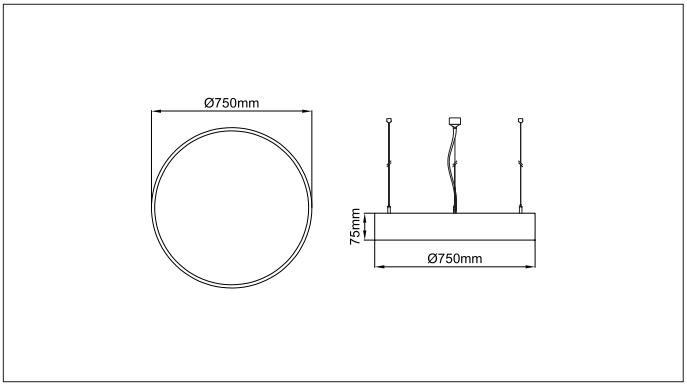
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6184lm	6383lm	6481lm	6729lm	6828lm
System efficiency / Sistem verimliliği	88lm/W	91lm/W	93lm/W	96lm/W	98lm/W
Luminous flux Direct / Işık akısı Direkt	4917lm	5075lm	5153lm	5350lm	5429lm
Luminous flux Indirect / Işık akısı Endirekt	1267lm	1308lm	1328lm	1379lm	1399lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W (50W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13107 . 075 . 070 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

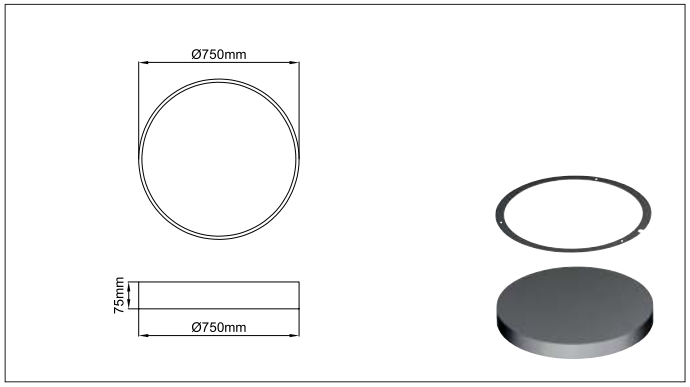
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13207 . 075 . 070 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

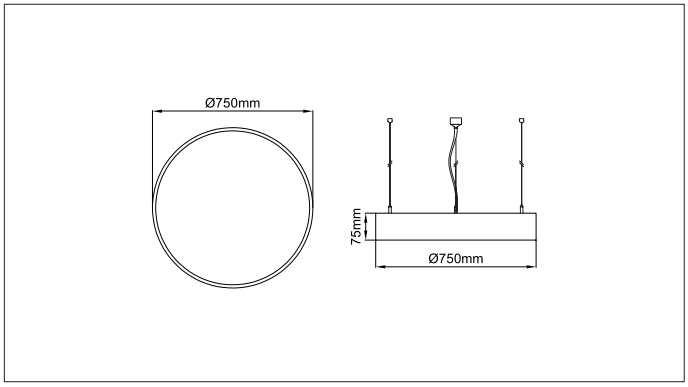
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13307 . 075 . 096 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 583 - 584 for Idt files. / Işık eğrileri için sayfa 583 - 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

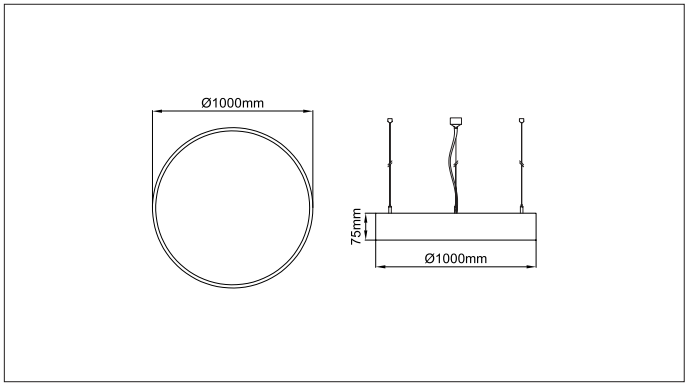
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	8572lm	8846lm	8983lm	9326lm	9463lm
System efficiency / Sistem verimliliği	89lm/W	92lm/W	94lm/W	97lm/W	99lm/W
Luminous flux Direct / Işık akısı Direkt	6949lm	7171lm	7282lm	7560lm	7671lm
Luminous flux Indirect / Işık akısı Endirekt	1623lm	1675lm	1701lm	1766lm	1792lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	96W (70W Direkt - 26W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs


890
990
690
790

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13107 . 100 . 125 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

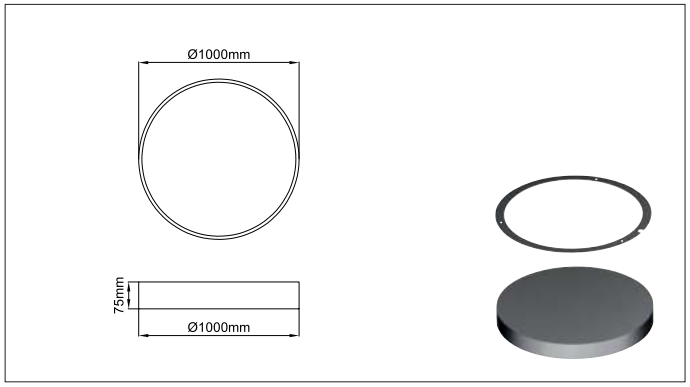
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	12409lm	12806lm	13004lm	13500lm	13699lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	125W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





LED A A+ A++ SASO CB LVD CE EAC F IP20 CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13207 . 100 . 125 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

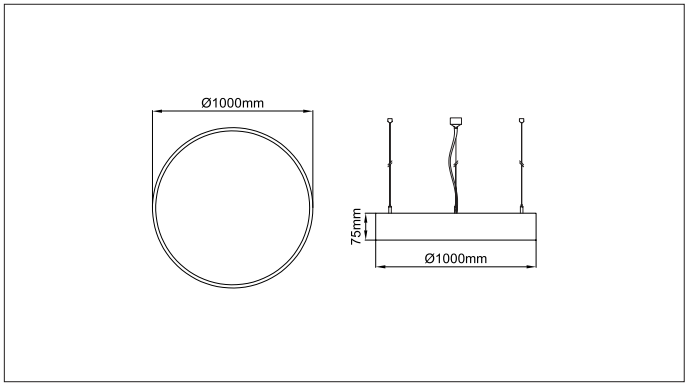
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	12409lm	12806lm	13004lm	13500lm	13699lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	125W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13307 . 100 . 155 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 583 - 584 for Idt files. / Işık eğrileri için sayfa 583 - 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

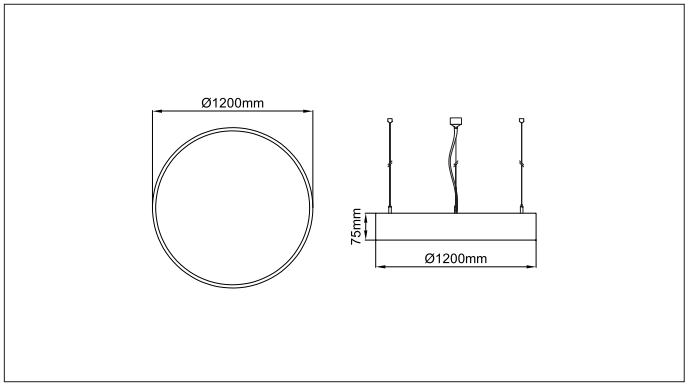
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	14229lm	14684lm	14911lm	15480lm	15708lm
System efficiency / Sistem verimliliği	92lm/W	95lm/W	96lm/W	100lm/W	101lm/W
Luminous flux Direct / Işık akısı Direkt	12409lm	12806lm	13004lm	13500lm	13699lm
Luminous flux Indirect / Işık akısı Endirekt	1820lm	1878lm	1907lm	1980lm	2009lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	155W (125W Direkt - 30W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13107 . 120 . 175 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

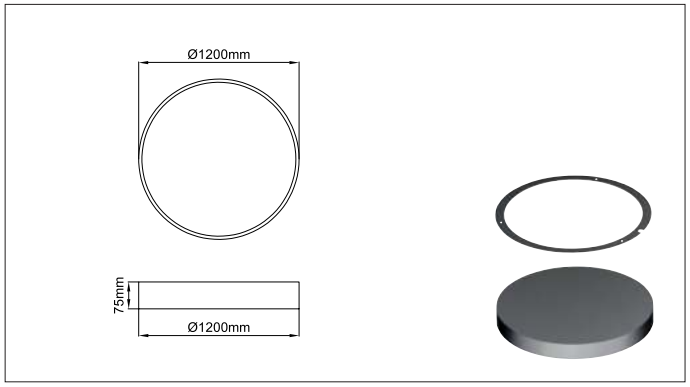
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13107.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	17372lm	17928lm	18206lm	18900lm	19179lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	175W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





LED A A+ A++

SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13207 . 120 . 175 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 582 - 583 for Idt files. / Işık eğrileri için sayfa 582 - 583 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

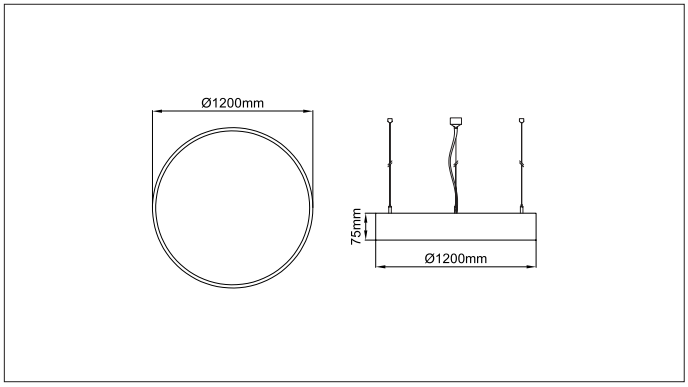
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13207.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Surface Mounted / Sıvaüstü

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	17372lm	17928lm	18206lm	18900lm	19179lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	175W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Slim Full Ring





* Code example / Kod örneği:

I02.LL.13307 . 120 . 211 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 583 - 584 for Idt files. / Işık eğrileri için sayfa 583 - 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13307.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

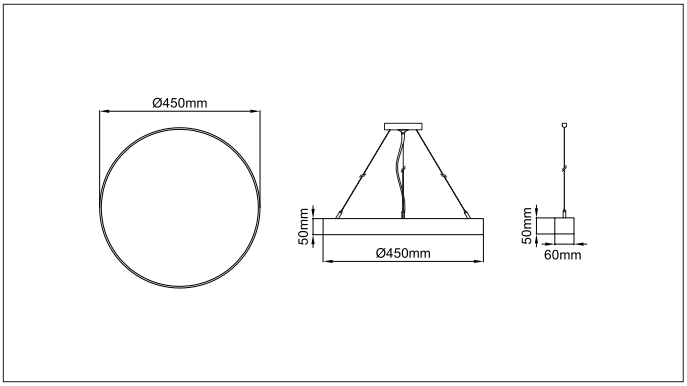
Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	19522lm	20147lm	20460lm	21240lm	21553lm
System efficiency / Sistem verimliliği	93lm/W	95lm/W	97lm/W	101lm/W	102lm/W
Luminous flux Direct / Işık akısı Direkt	17372lm	17928lm	18206lm	18900lm	19179lm
Luminous flux Indirect / Işık akısı Endirekt	2150lm	2219lm	2254lm	2340lm	2374lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	211W (175W Direkt - 36W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs



Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13105 . 045 . 025 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 584 for Idt files. / Işık eğrileri için sayfa 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

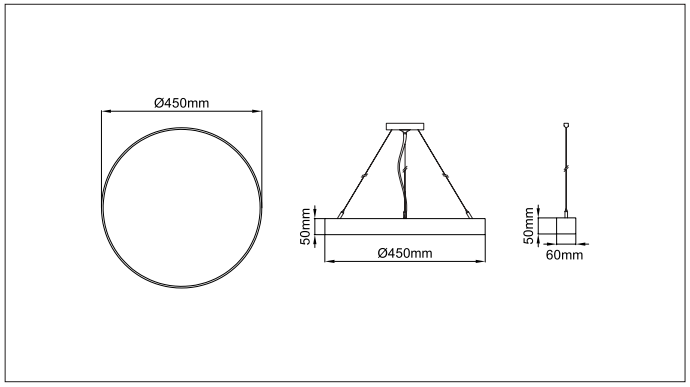
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13305 . 045 . 040 . 830 . 01

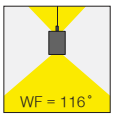
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 585 for Idt files. / Işık eğrileri için sayfa 585 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

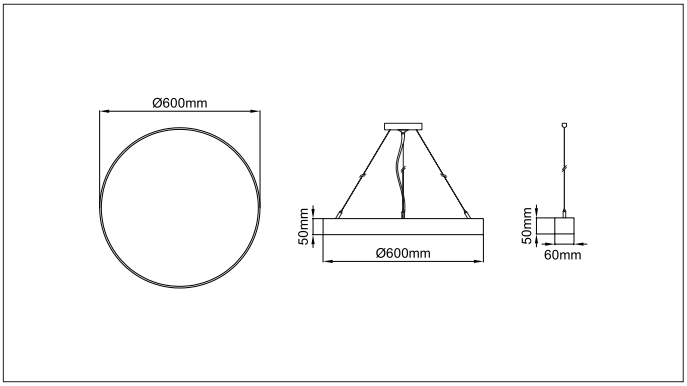
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	45cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	3871lm	3994lm	4058lm	4213lm	4275lm
System efficiency / Sistem verimliliği	97lm/W	100lm/W	101lm/W	105lm/W	107lm/W
Luminous flux Direct / Işık akısı Direkt	2700lm	2786lm	2830lm	2938lm	2982lm
Luminous flux Indirect / Işık akısı Endirekt	1171lm	1208lm	1228lm	1275lm	1293lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	40W (25W Direkt - 15W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13105 . 060 . 050 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 584 for Idt files. / Işık eğrileri için sayfa 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

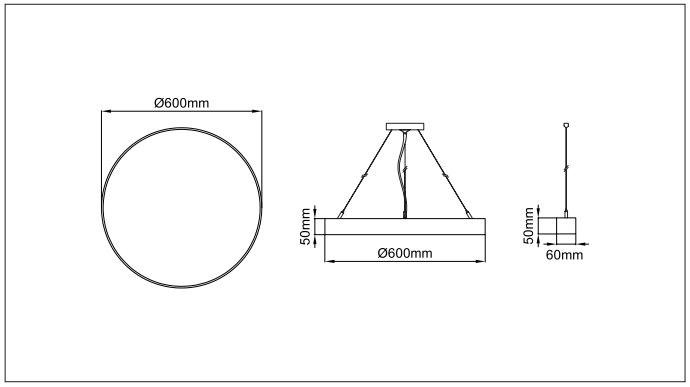
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13305 . 060 . 070 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 585 for Idt files. / Işık eğrileri için sayfa 585 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

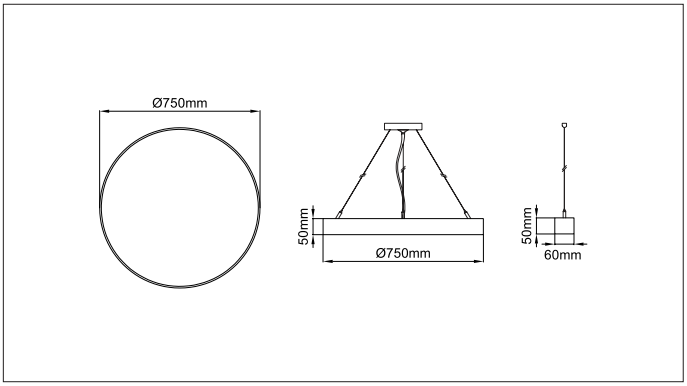
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	60cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	6977lm	7202lm	7312lm	7593lm	7704lm
System efficiency / Sistem verimliliği	100lm/W	103lm/W	104lm/W	108lm/W	110lm/W
Luminous flux Direct / Işık akısı Direkt	5452lm	5628lm	5714lm	5933lm	6020lm
Luminous flux Indirect / Işık akısı Endirekt	1525lm	1574lm	1598lm	1660lm	1684lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W (50W Direkt - 20W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13105 . 075 . 070 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 584 for Idt files. / Işık eğrileri için sayfa 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

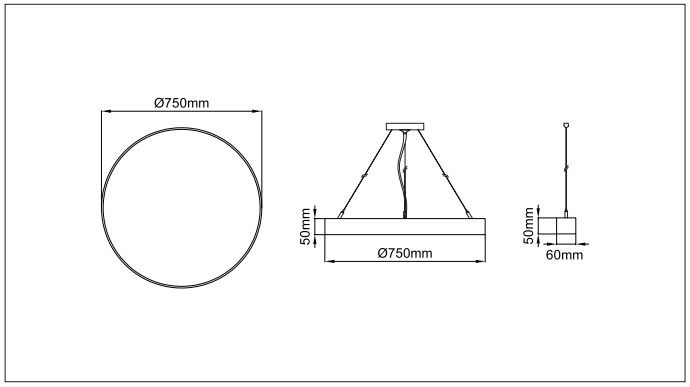
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13305 . 075 . 096 . 830 . 01

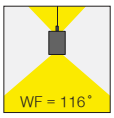
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 585 for Idt files. / Işık eğrileri için sayfa 585 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

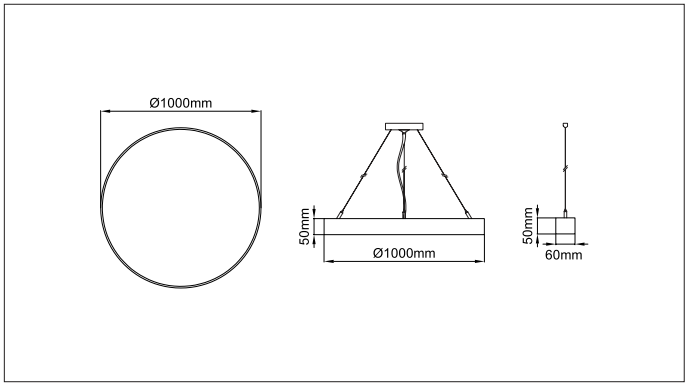
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	75cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	9660lm	9968lm	10123lm	10510lm	10664lm
System efficiency / Sistem verimliliği	101lm/W	104lm/W	105lm/W	109lm/W	111lm/W
Luminous flux Direct / Işık akısı Direkt	7706lm	7952lm	8075lm	8384lm	8507lm
Luminous flux Indirect / Işık akısı Endirekt	1954lm	2016lm	2048lm	2126lm	2157lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	96W (70W Direkt - 26W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13105 . 100 . 125 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 584 for Idt files. / Işık eğrileri için sayfa 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

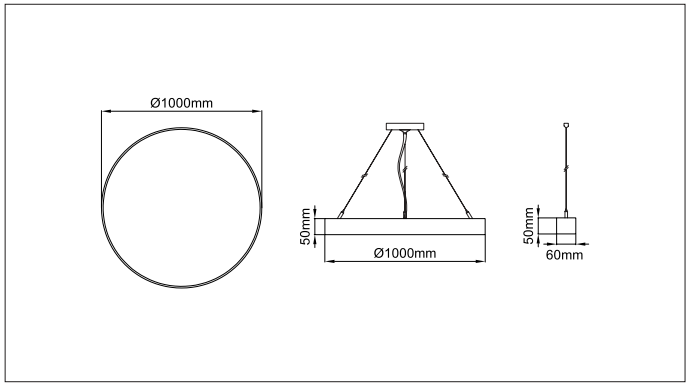
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	12409lm	12806lm	13004lm	13500lm	13699lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	125W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





* Code example / Kod örneği:

I02.LL.13305 . 100 . 155 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 585 for Idt files. / Işık eğrileri için sayfa 585 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

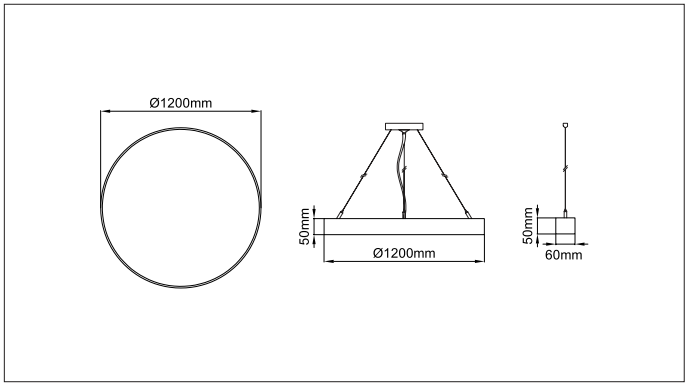
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	100cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	15952lm	16462lm	16717lm	17354lm	17610lm
System efficiency / Sistem verimliliği	103lm/W	106lm/W	108lm/W	112lm/W	114lm/W
Luminous flux Direct / Işık akısı Direkt	13761lm	14201lm	14421lm	14971lm	15192lm
Luminous flux Indirect / Işık akısı Endirekt	2191lm	2261lm	2296lm	2383lm	2418lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	155W (125W Direkt - 30W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20

CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13105 . 120 . 175 . 830 . 01

1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 584 for Idt files. / Işık eğrileri için sayfa 584 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

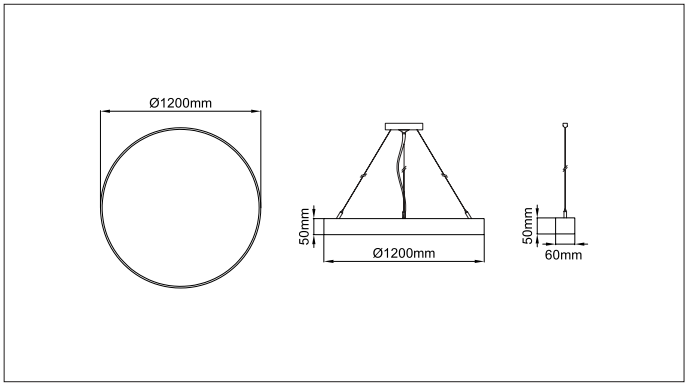
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13105.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	17372lm	17928lm	18206lm	18900lm	19179lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	175W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Super Slim Full Ring





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

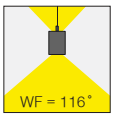
I02.LL.13305 . 120 . 211 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 585 for Idt files. / Işık eğrileri için sayfa 585 bakınız.

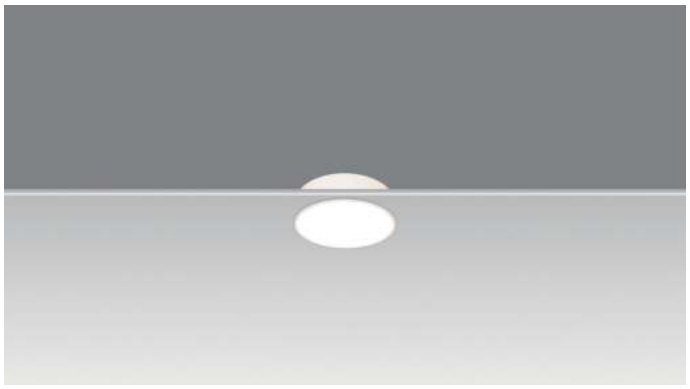
Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

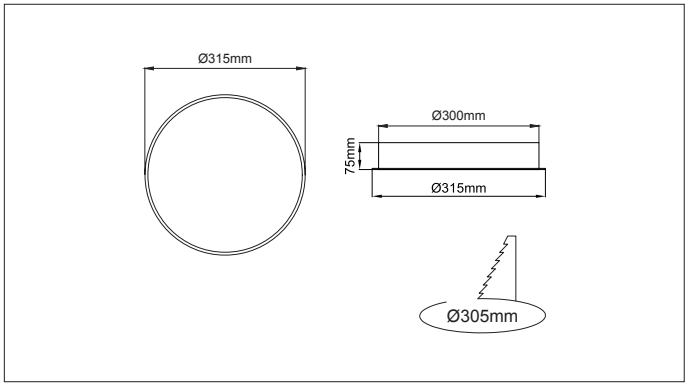
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13305.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	120cm
Height / Yükseklik	50mm
Mouting method / Montaj yöntemi	Suspendant / Sarkıt

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Total Luminous flux / Toplam Işık akısı	21853lm	22553lm	22903lm	23777lm	24127lm
System efficiency / Sistem verimliliği	104lm/W	107lm/W	109lm/W	113lm/W	114lm/W
Luminous flux Direct / Işık akısı Direkt	19265lm	19882lm	20190lm	20960lm	21269lm
Luminous flux Indirect / Işık akısı Endirekt	2588lm	2671lm	2713lm	2817lm	2858lm
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Direct - Indirect / Direkt - Endirekt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	211W (175W Direkt - 36W İndirect)
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring Recessed





* Code example / Kod örneği:

I02.LL.13407 . 030 . 017 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 586 for Idt files. / Işık eğrileri için sayfa 586 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

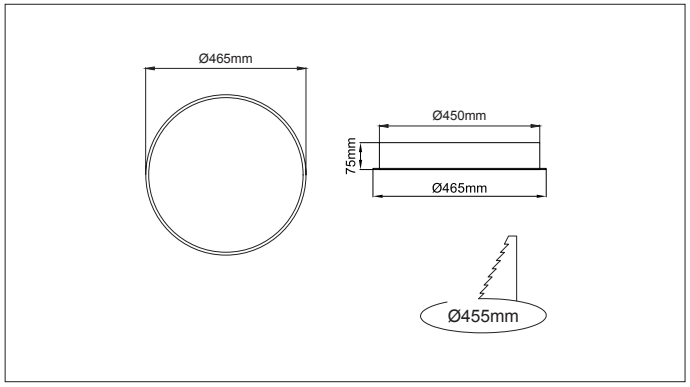
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13407.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	31.5cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Recessed / Ankastre

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	1547lm	1596lm	1621lm	1683lm	1707lm
System efficiency / Sistem verimliliği	91lm/W	94lm/W	95lm/W	99lm/W	100lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	17W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring Recessed





LED A A+ A++ | SASO CB LVD CE EAC F IP20 | CRI 80 CRI 90

* Code example / Kod örneği:

I02.LL.13407 . 045 . 025 . 830 . 01
1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı



* See page 586 for Idt files. / Işık eğrileri için sayfa 586 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

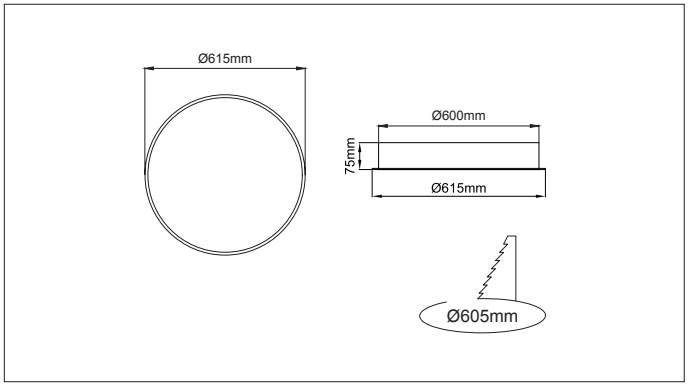
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13407.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	46.5cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Recessed / Ankastre

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	2435lm	2513lm	2552lm	2650lm	2689lm
System efficiency / Sistem verimliliği	97lm/W	101lm/W	102lm/W	106lm/W	108lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	25W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring Recessed





* Code example / Kod örneği:

I02.LL.13407 . 060 . 050 . 830 . 01
1 2 3 4 5

1- Product code / Armatür kodu
2- Daimeter / Çap
3- Power / Güç
4- CRI / Kelvin
5- Colour / Ürün renk
6- Control type / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03
GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 586 for Idt files. / Işık eğrileri için sayfa 586 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

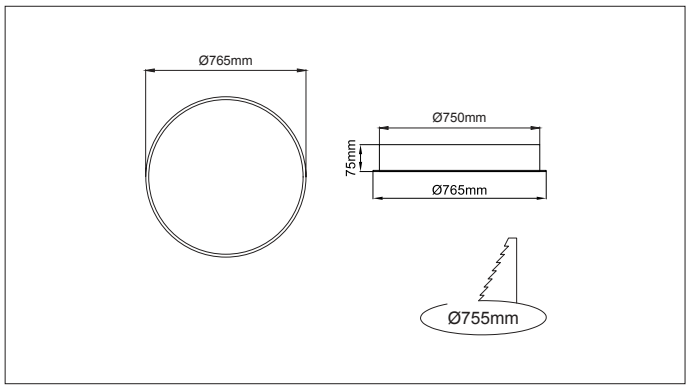
Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13407.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	61.5cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Recessed / Ankastre

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	4917lm	5075lm	5153lm	5350lm	5429lm
System efficiency / Sistem verimliliği	98lm/W	102lm/W	103lm/W	107lm/W	109lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	50W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

Sivo Full Ring Recessed





* Code example / Kod örneği:

I02.LL.13407 . 075 . 070 . 830 . 01

1 2 3 4 5

1- **Product code** / Armatür kodu
2- **Daimeter** / Çap
3- **Power** / Güç
4- **CRI** / Kelvin
5- **Colour** / Ürün renk
6- **Control type** / Kontrol tipi

5 / Product Color / Ürün Renk

WHITE = 01 | Ral 9010 = 02 | BLACK = 03

GRAY = 04 | DARK GRAY = 05 | SPECIAL COLOR = 06

Reflector Angle / Reflektör Açısı

WF = 116°

* See page 586 for Idt files. / Işık eğrileri için sayfa 586 bakınız.

Description / Tanım
Aluminium body. Opal or microprismatic diffuser options available. Mains voltage: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Tunable White DALI, Tunable White CASAMBI, options available. Over 100lm/W efficiency. Emergency kit system can be integrated. Basic colours: white, black, silver, antracite dark gray and special color options available upon request. Steel suspension wire with up to 5mt lenght option together with standart or central baldachine. Alüminyum gövde. Opal veya mikroprizmatik difüzör seçenekleri mevcuttur. Şebeke gerilimi: 220-240V / 50-60Hz. 1-10V, DALI, Casambi DIM, Dinamik Beyaz DALI, Dinamik Beyaz CASAMBI seçenekleri mevcuttur. 100lm/W üzerinde verimlilik. Acil durum kiti sistemi entegre edilebilir. Temel renkler: beyaz, siyah, gümüş, antrasit koyu gri ve istek üzerine özel renk seçenekleri mevcuttur. Standart veya merkezi baldachine ile birlikte 5mt'ye kadar uzunluk seçeneği ile çelik asma teli.

Product Data / Ürün Bilgileri	
Article Nr. (AVOLUX)	I02.LL.13407.(Diameter).(Power).(CRI).(Colour)
Material / Malzeme	Aluminium
Outer Diameter / Dış Çap	76.5cm
Height / Yükseklik	75mm
Mouting method / Montaj yöntemi	Recessed / Ankastre

Lighting Technology / Aydınlatma Teknolojisi					
Colour Temperature / Renk Sıcaklığı	2700K	3000K	3500K	4000K	5000K
Luminous flux / Işık akısı	6949lm	7171lm	7282lm	7560lm	7671lm
System efficiency / Sistem verimliliği	99lm/W	102lm/W	104lm/W	108lm/W	110lm/W
Colour rendering / Renk oluşturma	80CRI	80CRI	80CRI	80CRI	80CRI
Beam angle / Işın açısı	116°	116°	116°	116°	116°
Light Output / Işık çıkışı	Only Direct / Sadece Direkt				

Operating technology of the Luminaires / Armatürlerin çalışma teknolojisi	
System Output / Sistem Çıkışı	70W
Volltage Type / Voltaj Tipi	220-240VAC
AC nominal voltage max. / AC nominal voltaj maks.	264VAC
Frequenz max. / Frekans maks.	63Hz
Lamp / Lamba	LED
Protection class / Koruma sınıfı	IP20
Degree of protection / Koruma derecesi	Class I
Control / Kontrol	ON - OFF / DALI / CASAMBI / TUNABLE WHITE
Rated Life time L80/B10 at 25°C	>50000 hrs

LDT Files / LDT Dataları

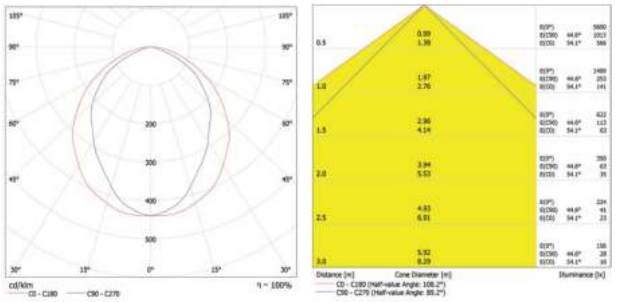


I02.LL.14110

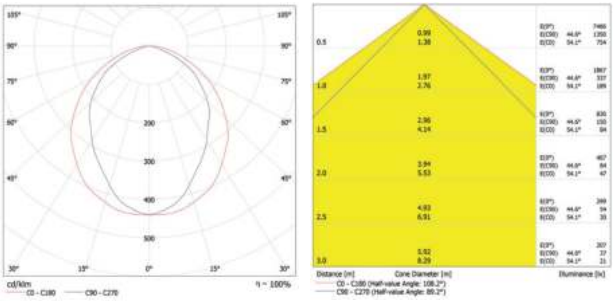


I02.LL.14210

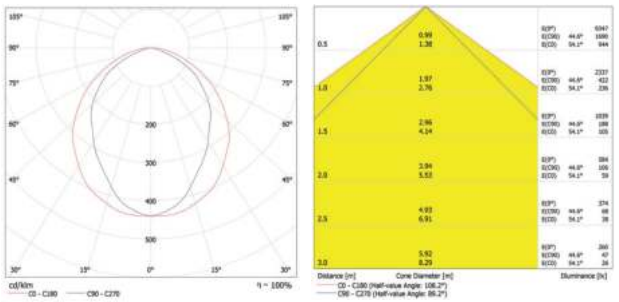
Beam Angle: 110° Ø45cm / 30W / SMD LED



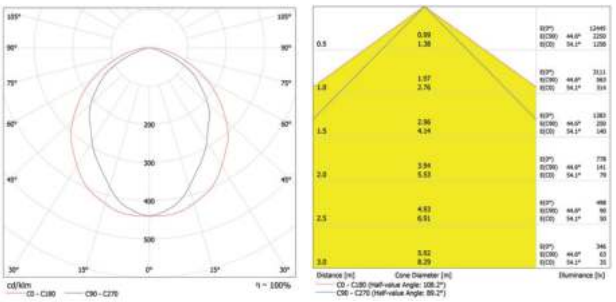
Beam Angle: 110° Ø60cm / 40W / SMD LED



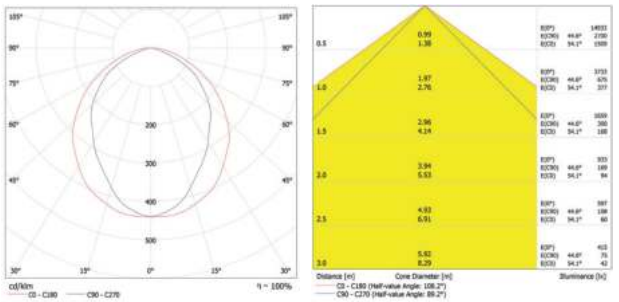
Beam Angle: 110° Ø75cm / 50W / SMD LED



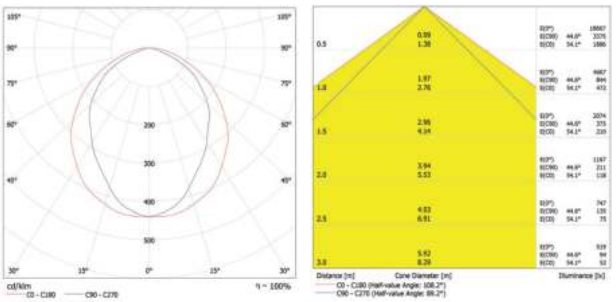
Beam Angle: 110° Ø100cm / 65W / SMD LED



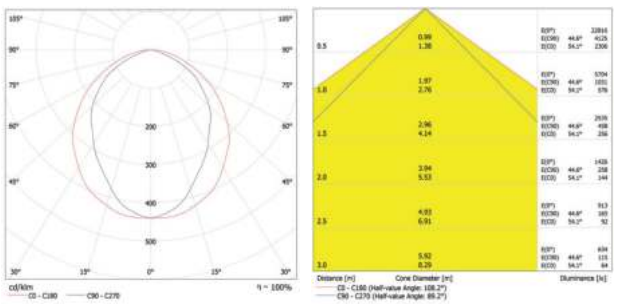
Beam Angle: 110° Ø120cm / 78W / SMD LED



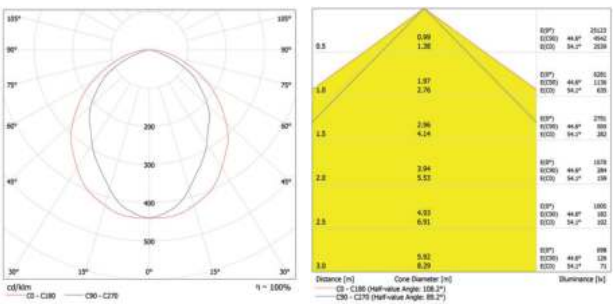
Beam Angle: 110° Ø150cm / 98W / SMD LED



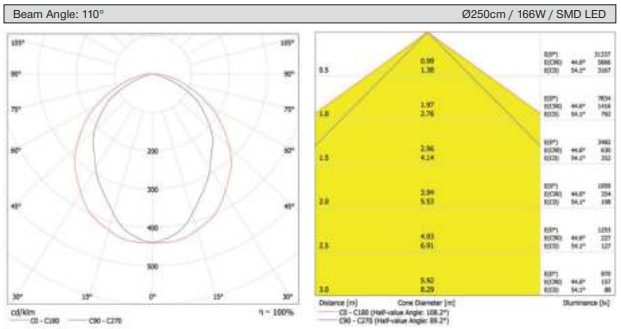
Beam Angle: 110° Ø180cm / 120W / SMD LED



Beam Angle: 110° Ø200cm / 134W / SMD LED



Beam Angle: 110° Ø250cm / 166W / SMD LED

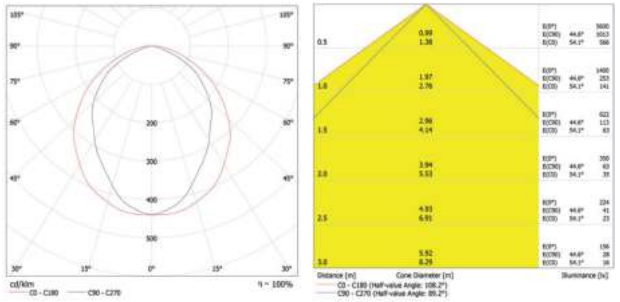


LDT Files / LDT Dataları

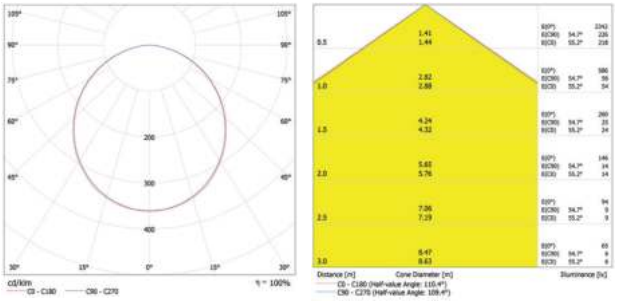


I02.LL.14310

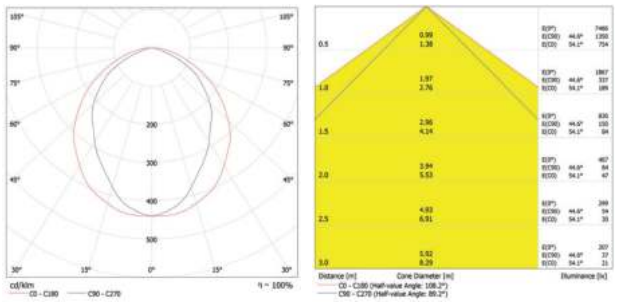
Beam Angle: 110° Ø45cm / 30W / Direct / SMD LED



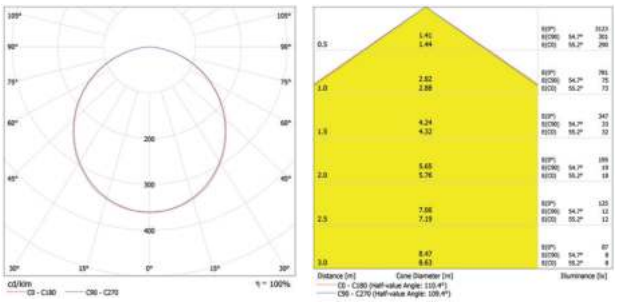
Beam Angle: 110° Ø45cm / 15W / Indirect / SMD LED



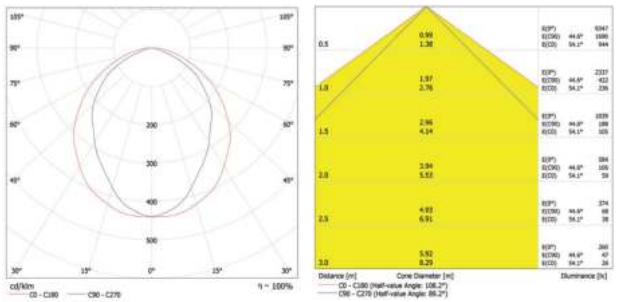
Beam Angle: 110° Ø60cm / 40W / Direct / SMD LED



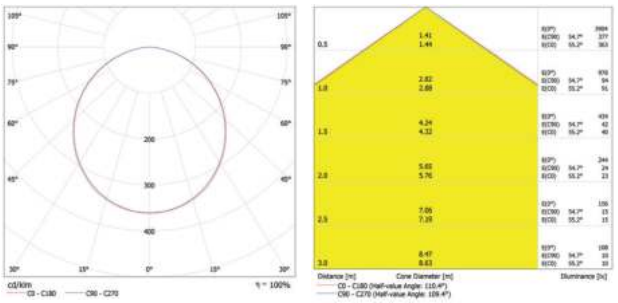
Beam Angle: 110° Ø60cm / 20W / Indirect / SMD LED



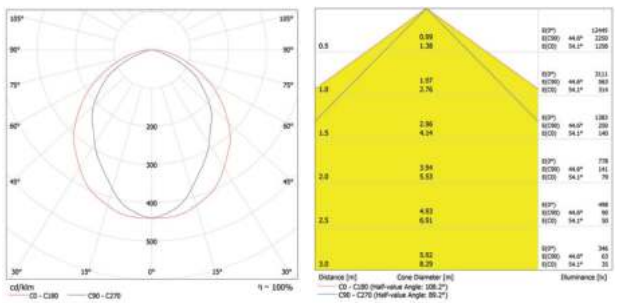
Beam Angle: 110° Ø75cm / 50W / Direct / SMD LED



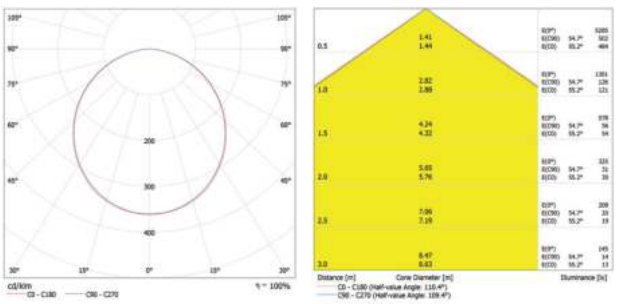
Beam Angle: 110° Ø75cm / 25W / Indirect / SMD LED



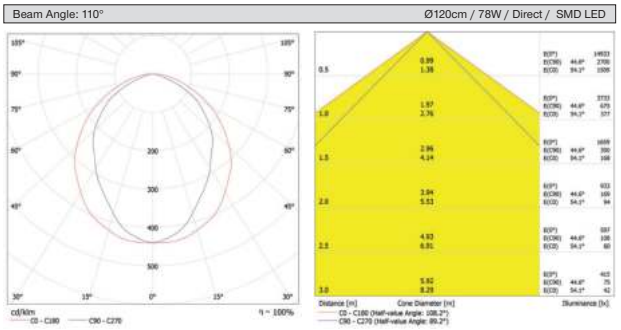
Beam Angle: 110° Ø100cm / 65W / Direct / SMD LED



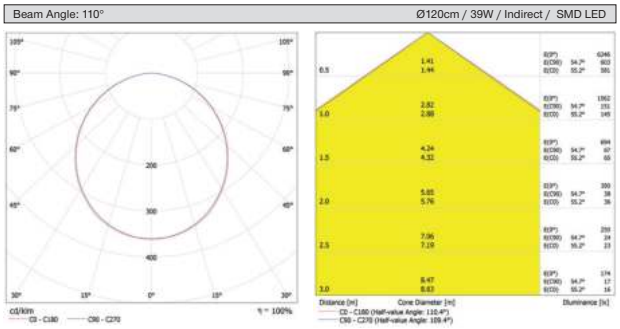
Beam Angle: 110° Ø100cm / 33W / Indirect / SMD LED



Beam Angle: 110° Ø120cm / 78W / Direct / SMD LED



Beam Angle: 110° Ø120cm / 39W / Indirect / SMD LED

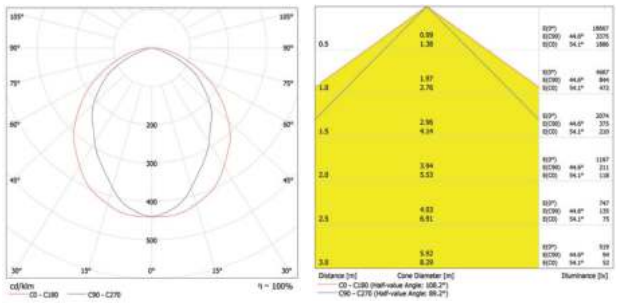


LDT Files / LDT Dataları

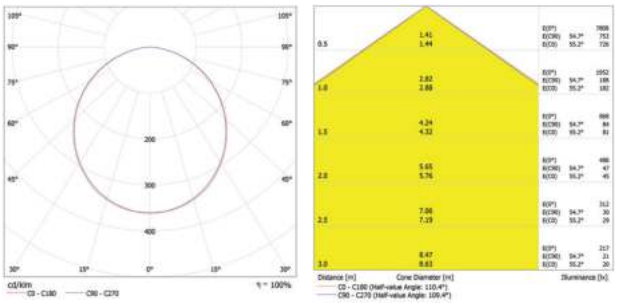


I02.LL.14310

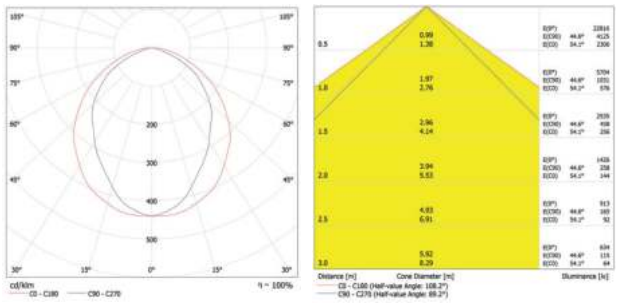
Beam Angle: 110° Ø150cm / 98W / Direct / SMD LED



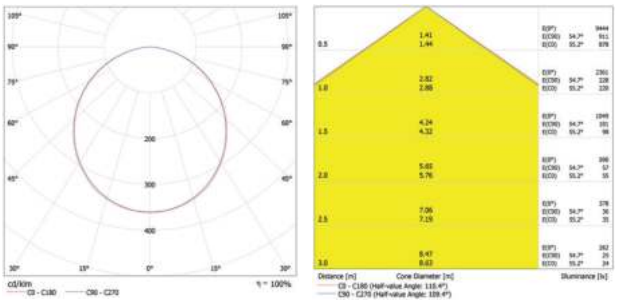
Beam Angle: 110° Ø150cm / 49W / Indirect / SMD LED



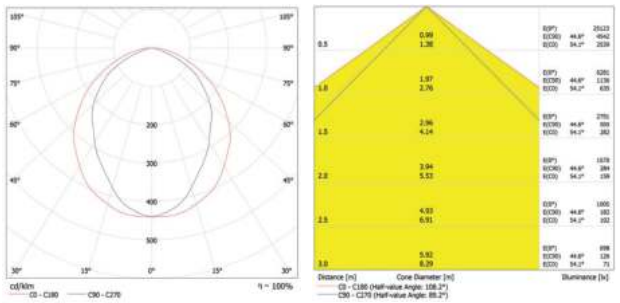
Beam Angle: 110° Ø180cm / 120W / Direct / SMD LED



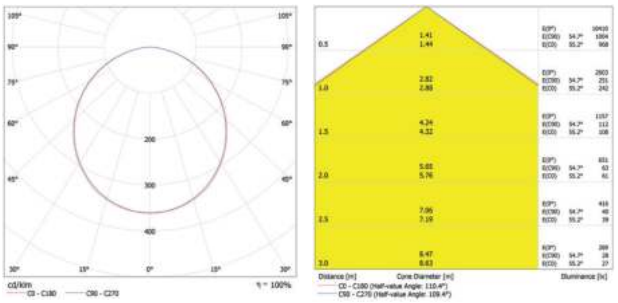
Beam Angle: 110° Ø180cm / 60W / Indirect / SMD LED



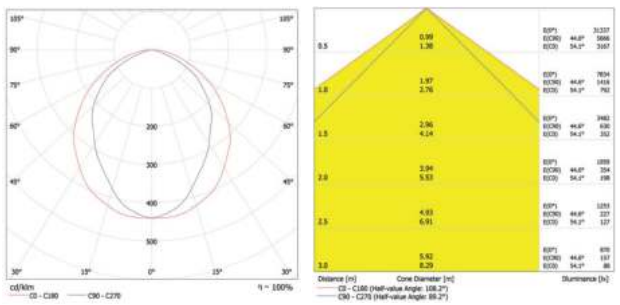
Beam Angle: 110° Ø200cm / 134W / Direct / SMD LED



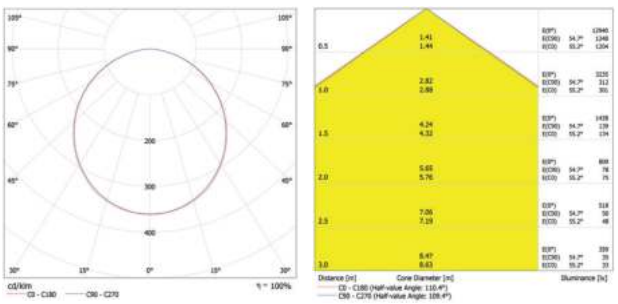
Beam Angle: 110° Ø200cm / 67W / Indirect / SMD LED



Beam Angle: 110° Ø250cm / 166W / Direct / SMD LED



Beam Angle: 110° Ø250cm / 83W / Indirect / SMD LED



LDT Files / LDT Dataları

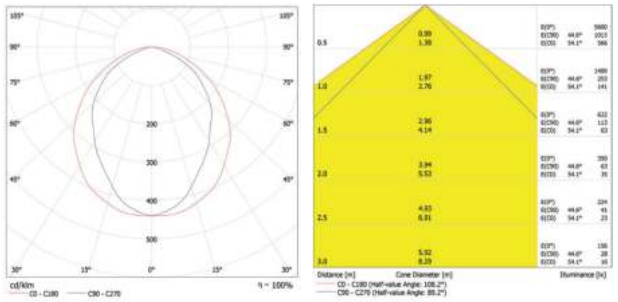


I02.LL.14107

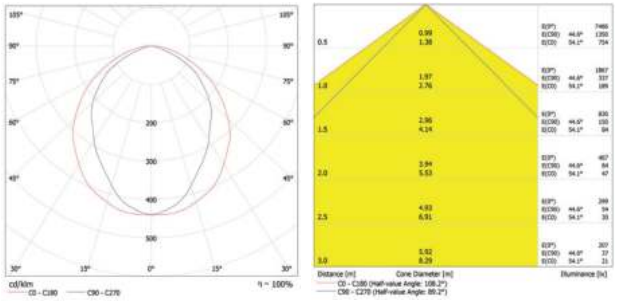


I02.LL.14207

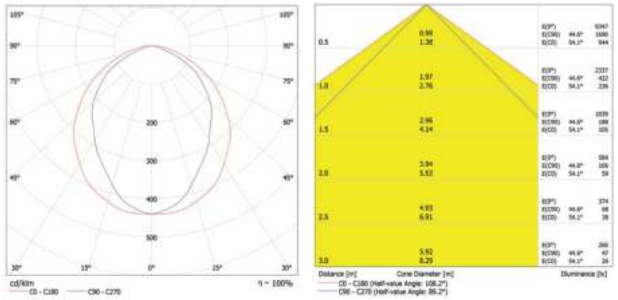
Beam Angle: 110° Ø45cm / 30W / SMD LED



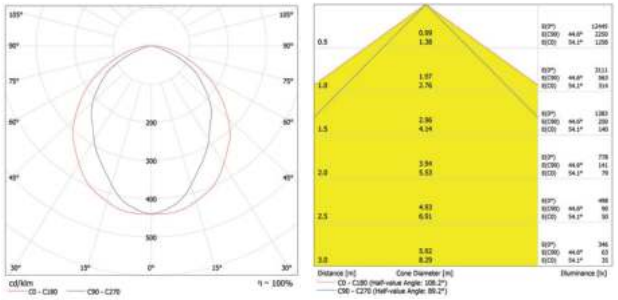
Beam Angle: 110° Ø60cm / 40W / SMD LED



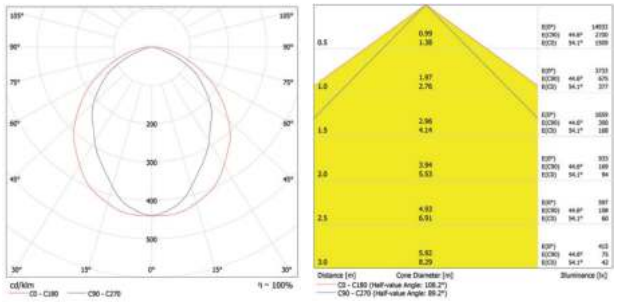
Beam Angle: 110° Ø75cm / 50W / SMD LED



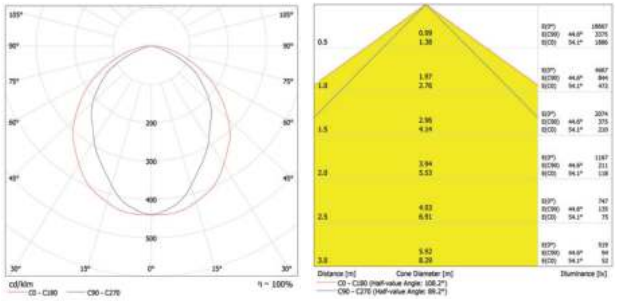
Beam Angle: 110° Ø100cm / 65W / SMD LED



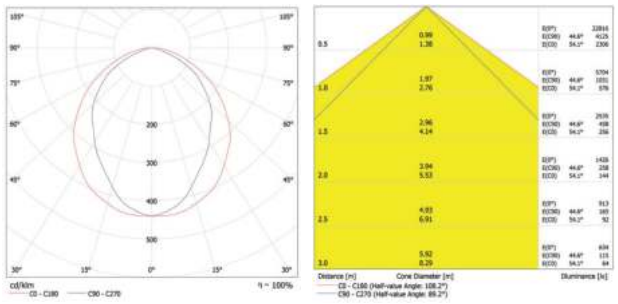
Beam Angle: 110° Ø120cm / 78W / SMD LED



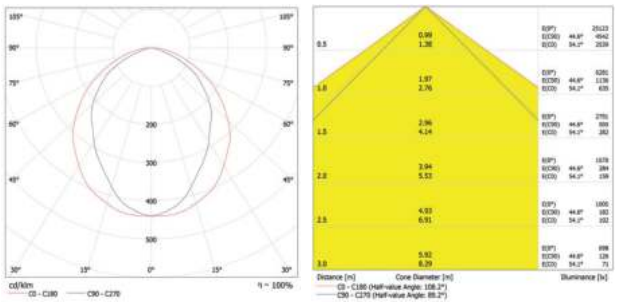
Beam Angle: 110° Ø150cm / 98W / SMD LED



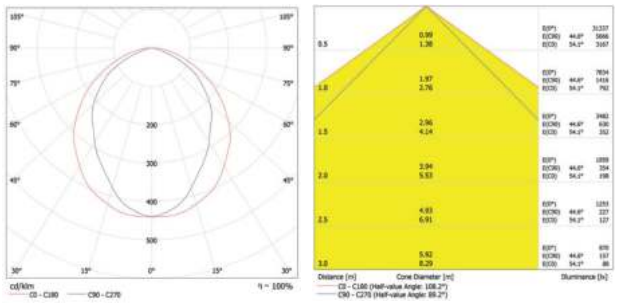
Beam Angle: 110° Ø180cm / 120W / SMD LED



Beam Angle: 110° Ø200cm / 134W / SMD LED



Beam Angle: 110° Ø250cm / 166W / SMD LED

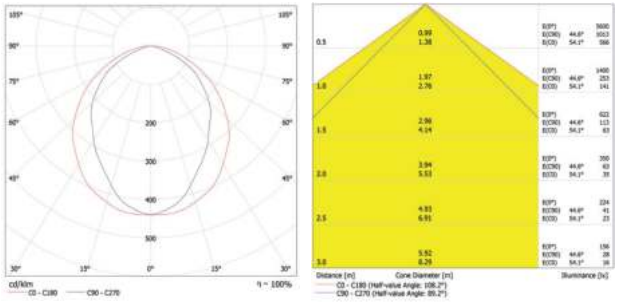


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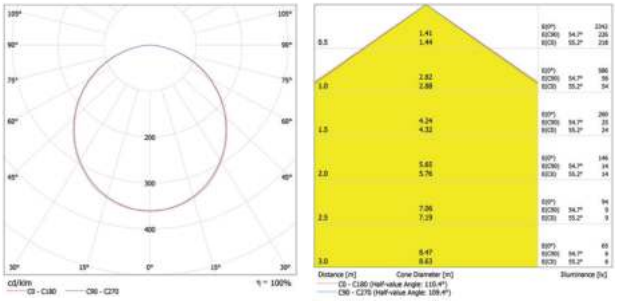


I02.LL.14307

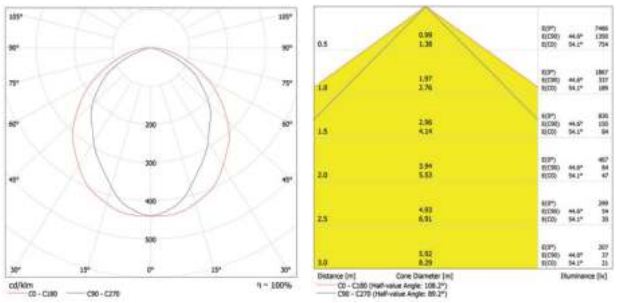
Beam Angle: 110° | Ø45cm / 30W / Direct / SMD LED



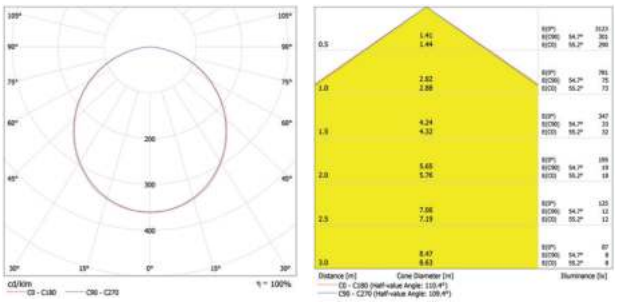
Beam Angle: 110° | Ø45cm / 15W / Indirect / SMD LED



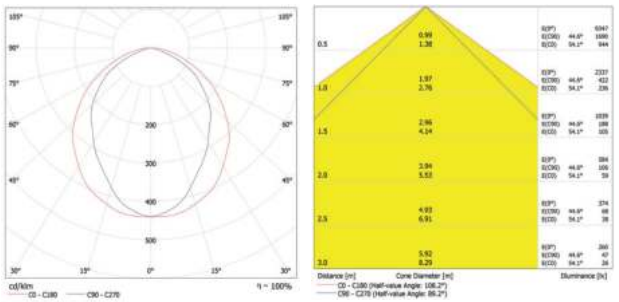
Beam Angle: 110° | Ø60cm / 40W / Direct / SMD LED



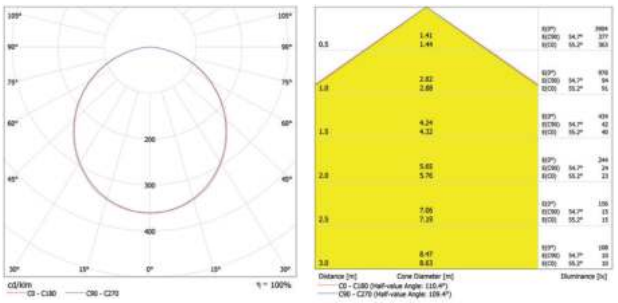
Beam Angle: 110° | Ø60cm / 20W / Indirect / SMD LED



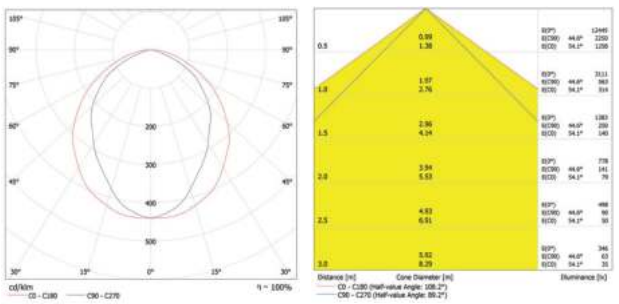
Beam Angle: 110° | Ø75cm / 50W / Direct / SMD LED



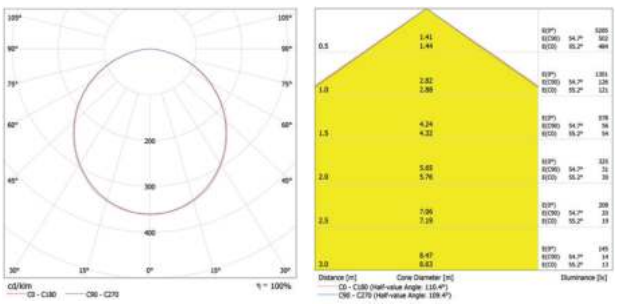
Beam Angle: 110° | Ø75cm / 25W / Indirect / SMD LED



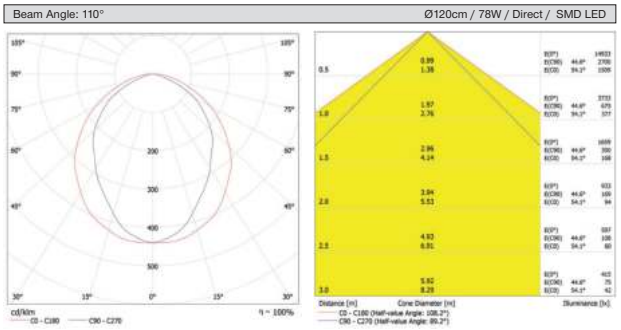
Beam Angle: 110° | Ø100cm / 65W / Direct / SMD LED



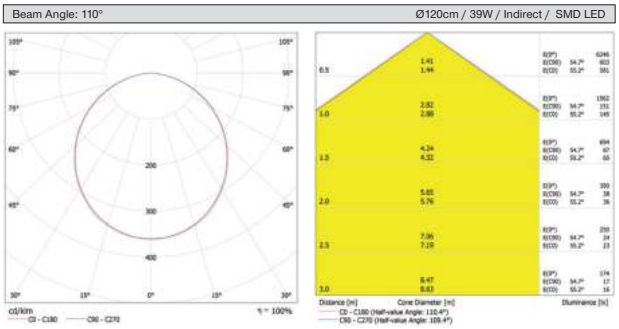
Beam Angle: 110° | Ø100cm / 33W / Indirect / SMD LED



Beam Angle: 110° | Ø120cm / 78W / Direct / SMD LED



Beam Angle: 110° | Ø120cm / 39W / Indirect / SMD LED

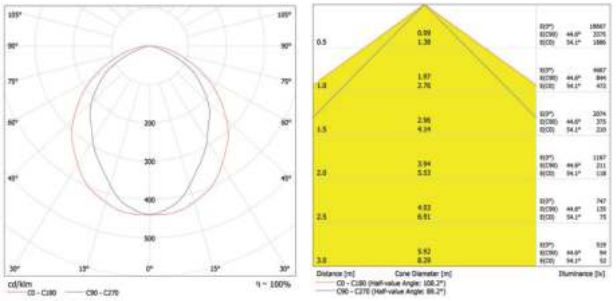


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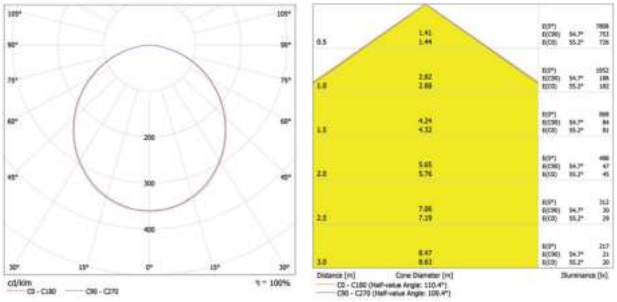


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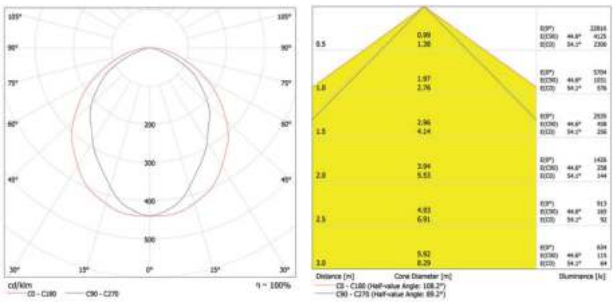
Beam Angle: 110° Ø150cm / 98W / Direct / SMD LED



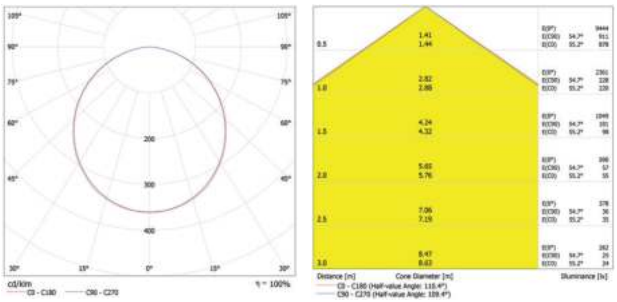
Beam Angle: 110° Ø150cm / 49W / Indirect / SMD LED



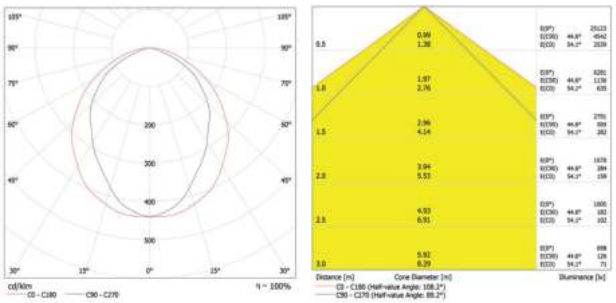
Beam Angle: 110° Ø180cm / 120W / Direct / SMD LED



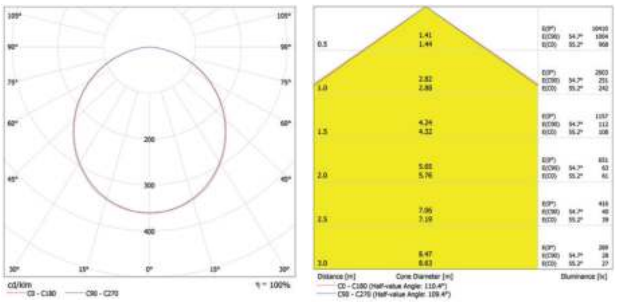
Beam Angle: 110° Ø180cm / 60W / Indirect / SMD LED



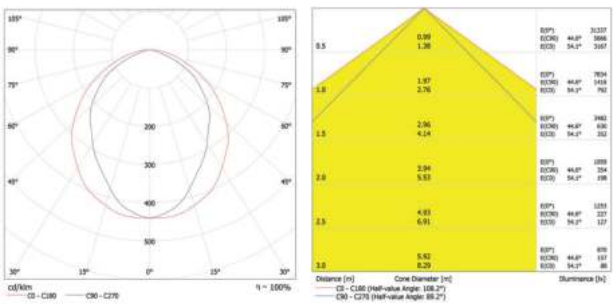
Beam Angle: 110° Ø200cm / 134W / Direct / SMD LED



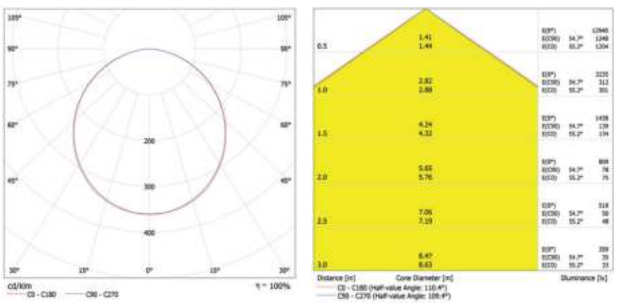
Beam Angle: 110° Ø200cm / 67W / Indirect / SMD LED



Beam Angle: 110° Ø250cm / 166W / Direct / SMD LED



Beam Angle: 110° Ø250cm / 83W / Indirect / SMD LED

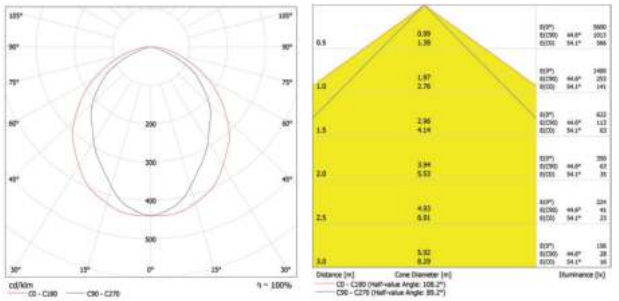


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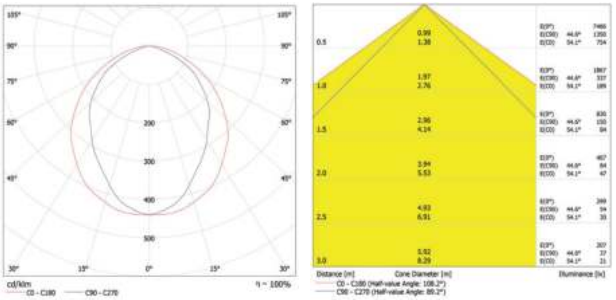


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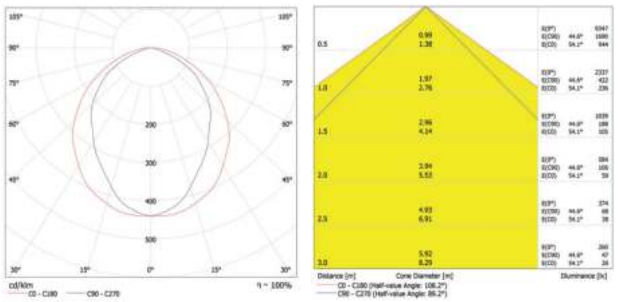
Beam Angle: 110° Ø45cm / 30W / SMD LED



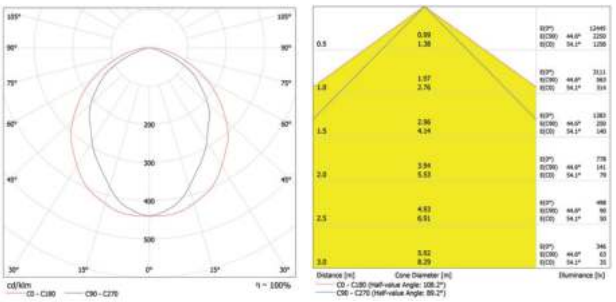
Beam Angle: 110° Ø60cm / 40W / SMD LED



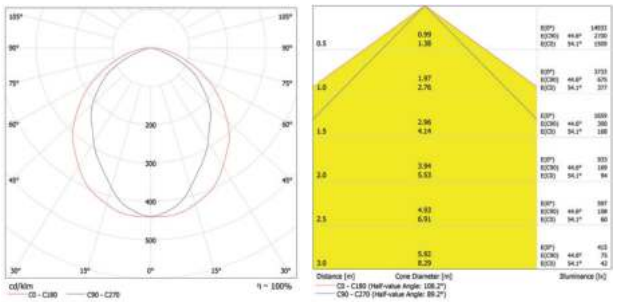
Beam Angle: 110° Ø75cm / 50W / SMD LED



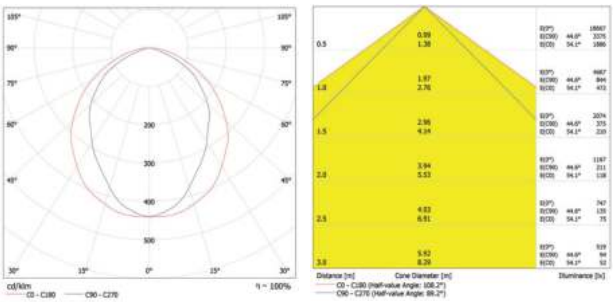
Beam Angle: 110° Ø100cm / 65W / SMD LED



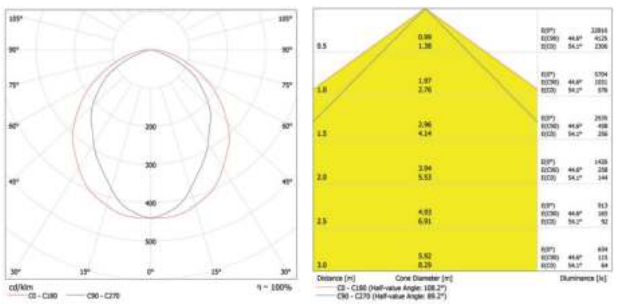
Beam Angle: 110° Ø120cm / 78W / SMD LED



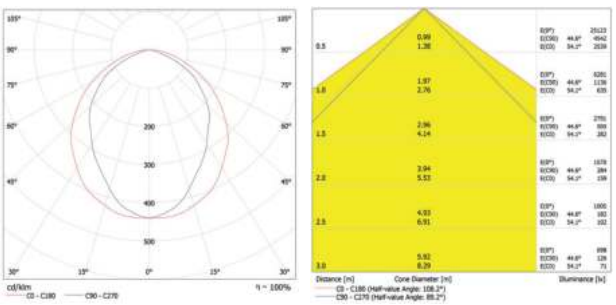
Beam Angle: 110° Ø150cm / 98W / SMD LED



Beam Angle: 110° Ø180cm / 120W / SMD LED



Beam Angle: 110° Ø200cm / 134W / SMD LED

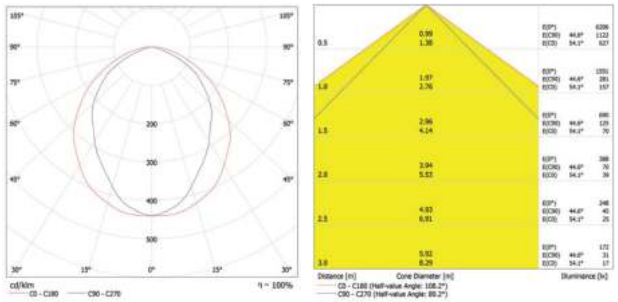


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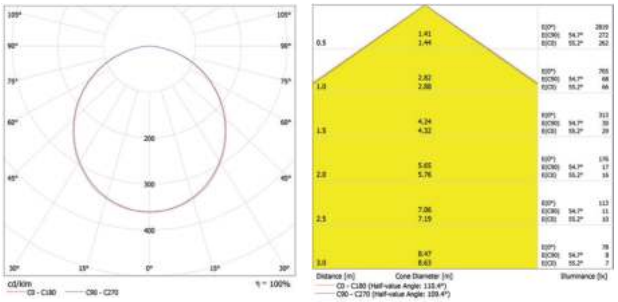


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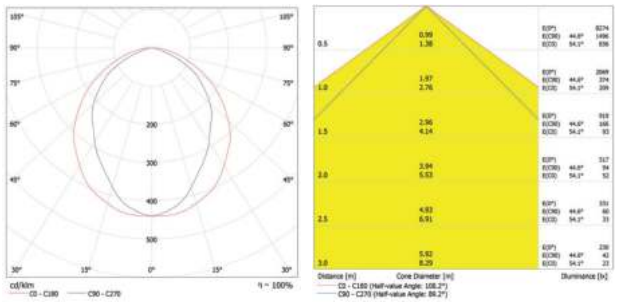
Beam Angle: 110° Ø45cm / 30W / Direct / SMD LED



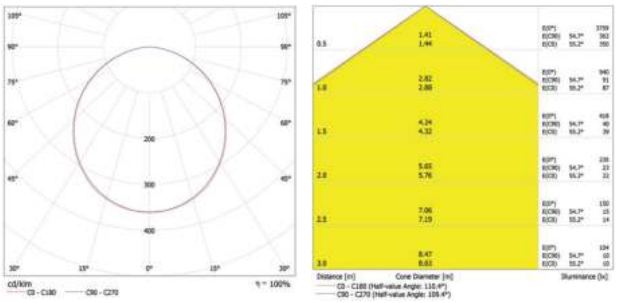
Beam Angle: 110° Ø45cm / 15W / Indirect / SMD LED



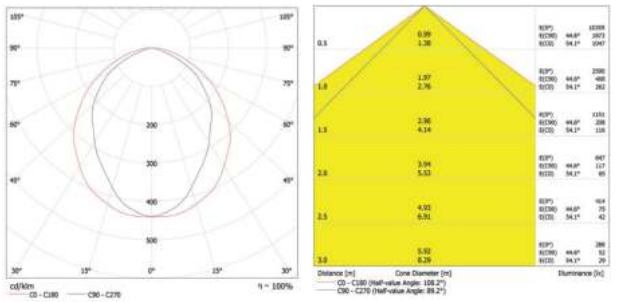
Beam Angle: 110° Ø60cm / 40W / Direct / SMD LED



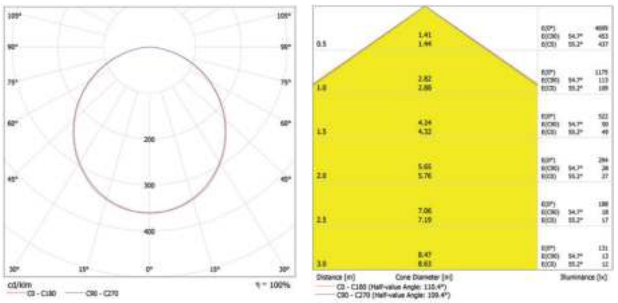
Beam Angle: 110° Ø60cm / 20W / Indirect / SMD LED



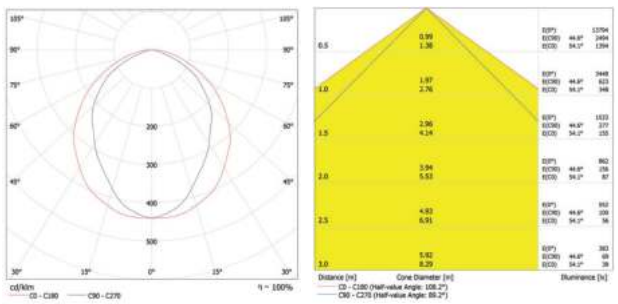
Beam Angle: 110° Ø75cm / 50W / Direct / SMD LED



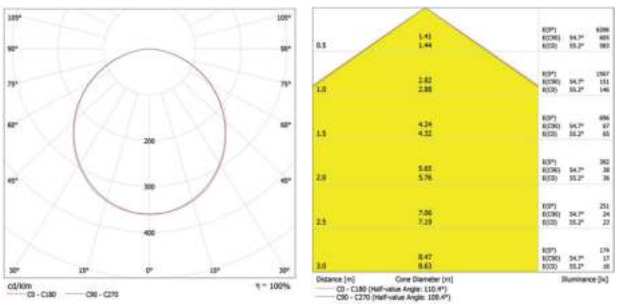
Beam Angle: 110° Ø75cm / 25W / Indirect / SMD LED



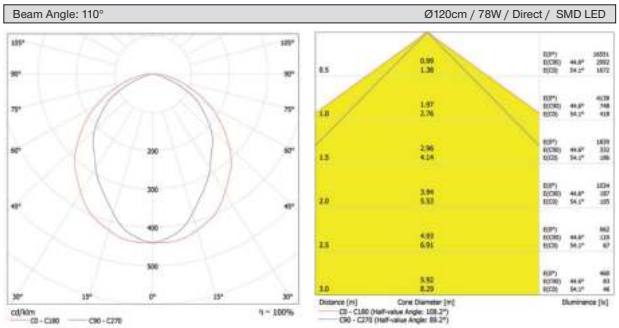
Beam Angle: 110° Ø100cm / 65W / Direct / SMD LED



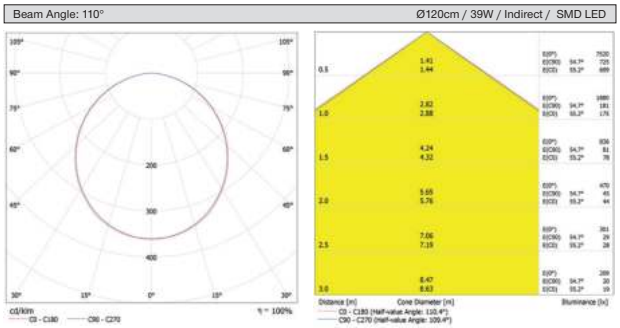
Beam Angle: 110° Ø100cm / 33W / Indirect / SMD LED



Beam Angle: 110° Ø120cm / 78W / Direct / SMD LED



Beam Angle: 110° Ø120cm / 39W / Indirect / SMD LED

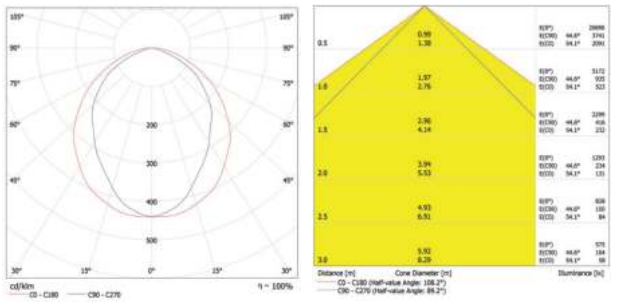


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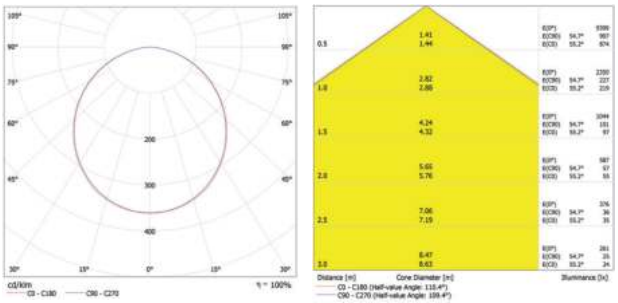


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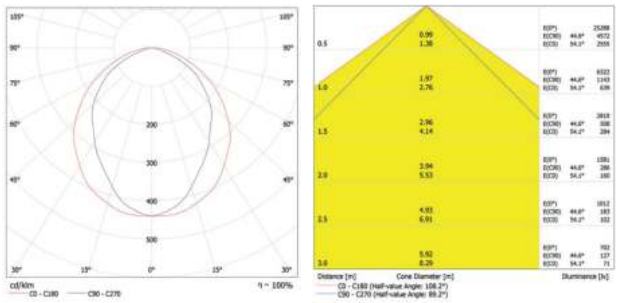
Beam Angle: 110° Ø150cm / 98W / Direct / SMD LED



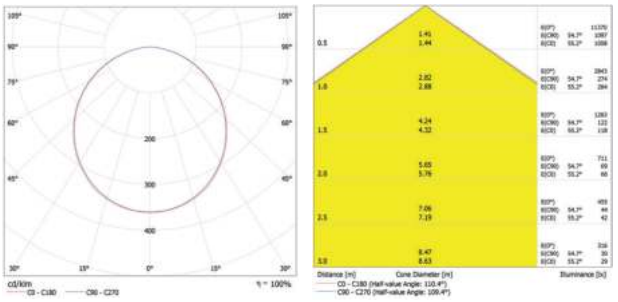
Beam Angle: 110° Ø150cm / 49W / Indirect / SMD LED



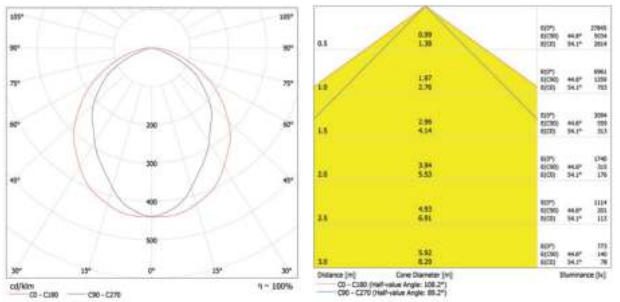
Beam Angle: 110° Ø180cm / 120W / Direct / SMD LED



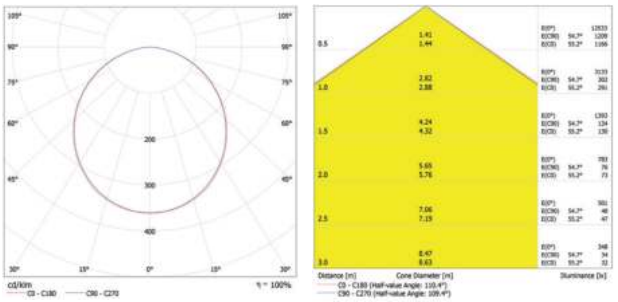
Beam Angle: 110° Ø180cm / 60W / Indirect / SMD LED



Beam Angle: 110° Ø200cm / 134W / Direct / SMD LED



Beam Angle: 110° Ø200cm / 67W / Indirect / SMD LED



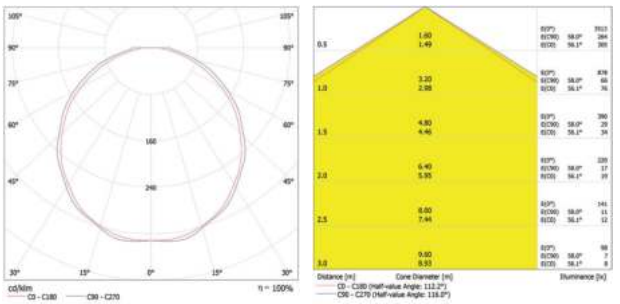


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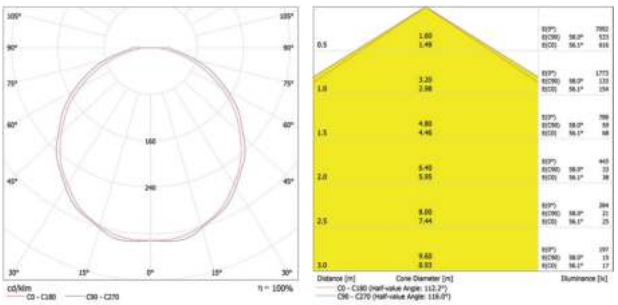


I02.LL.13210

Beam Angle: 116° Ø45cm / 25W / SMD LED

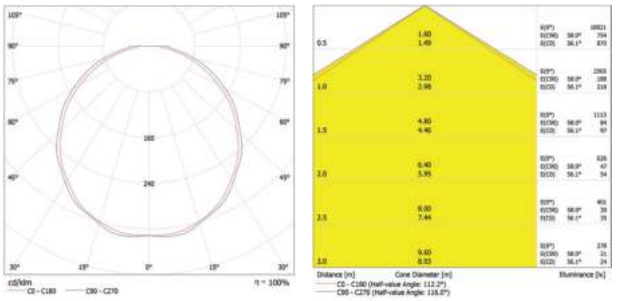


Beam Angle: 116° Ø60cm / 50W / SMD LED

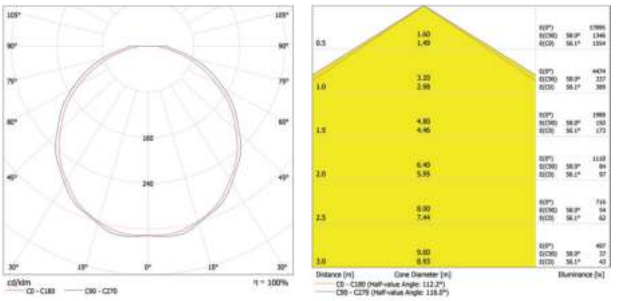


LDT Files / LDT Dataları

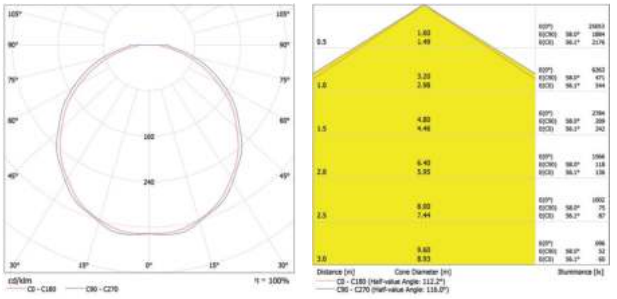
Beam Angle: 116° Ø75cm / 70W / SMD LED



Beam Angle: 116° Ø100cm / 125W / SMD LED



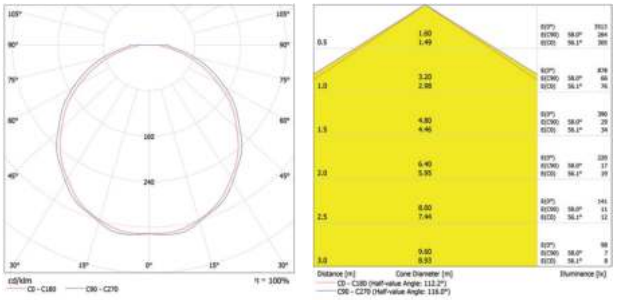
Beam Angle: 116° Ø120cm / 175W / SMD LED



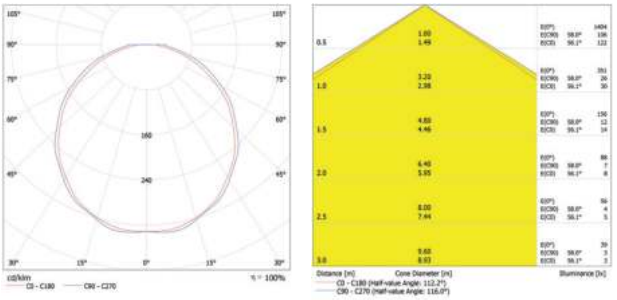


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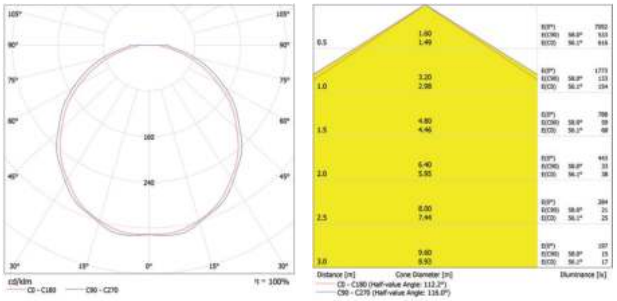
Beam Angle: 116° Ø45cm / 25W / Direct / SMD LED



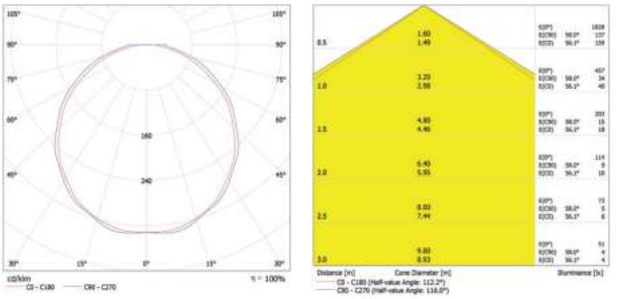
Beam Angle: 116° Ø45cm / 15W / Indirect / SMD LED



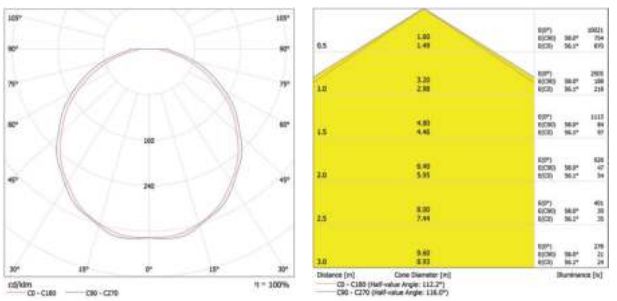
Beam Angle: 116° Ø60cm / 50W / Direct / SMD LED



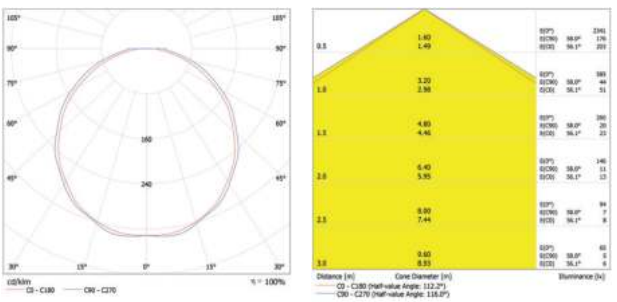
Beam Angle: 116° Ø60cm / 20W / Indirect / SMD LED



Beam Angle: 116° Ø75cm / 70W / Direct / SMD LED



Beam Angle: 116° Ø75cm / 26W / Indirect / SMD LED

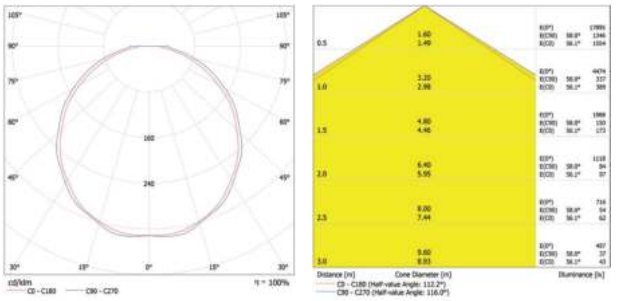


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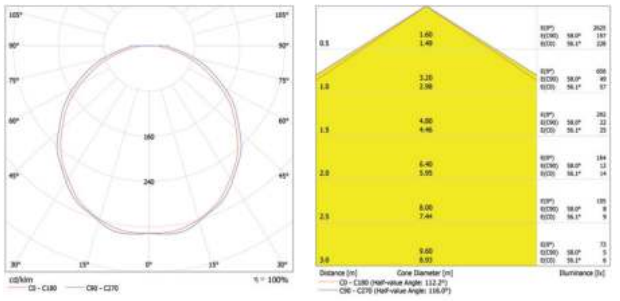


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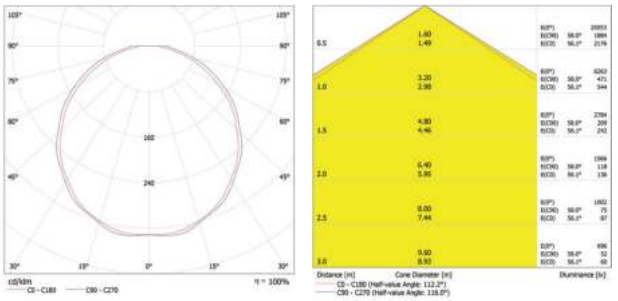
Beam Angle: 116°	Ø100cm / 125W / Direct / SMD LED



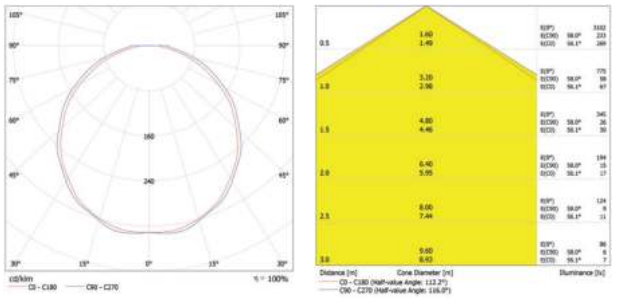
Beam Angle: 116°	Ø100cm / 30W / Indirect / SMD LED



Beam Angle: 116°	Ø120cm / 175W / Direct / SMD LED



Beam Angle: 116°	Ø120cm / 36W / Indirect / SMD LED



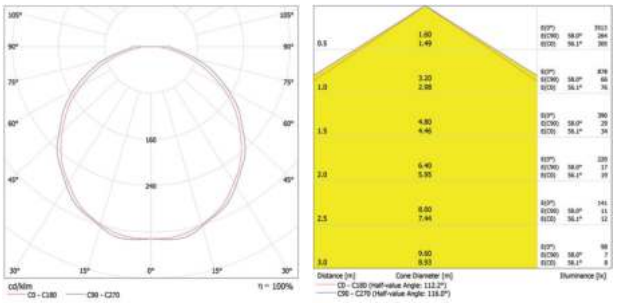


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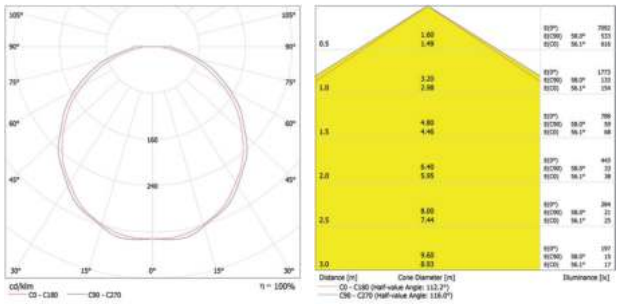


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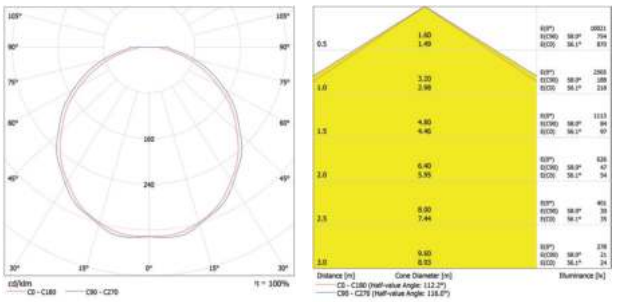
Beam Angle: 116°	Ø45cm / 25W / SMD LED



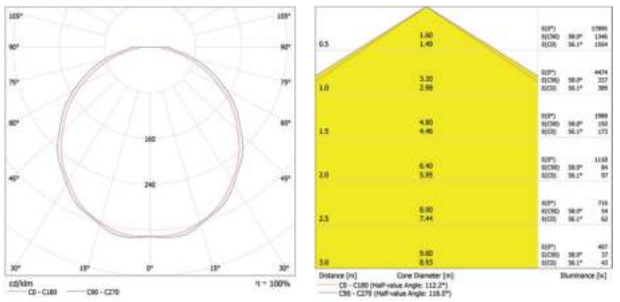
Beam Angle: 116°	Ø60cm / 50W / SMD LED



Beam Angle: 116°	Ø75cm / 70W / SMD LED

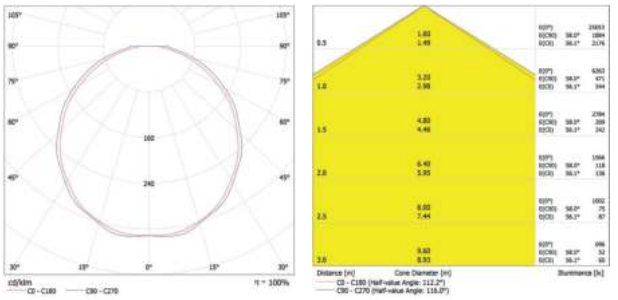


Beam Angle: 116°	Ø100cm / 125W / SMD LED



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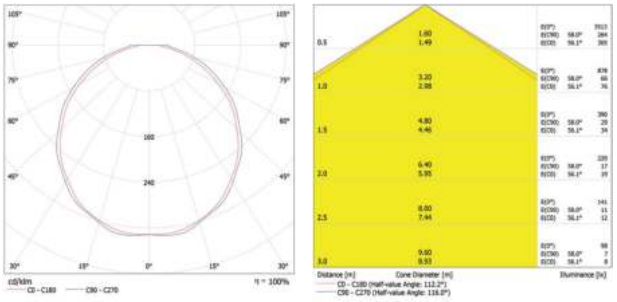
Beam Angle: 116° Ø120cm / 175W / SMD LED



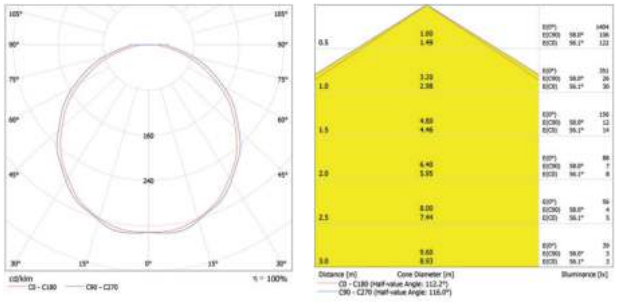


l02.LL.13307

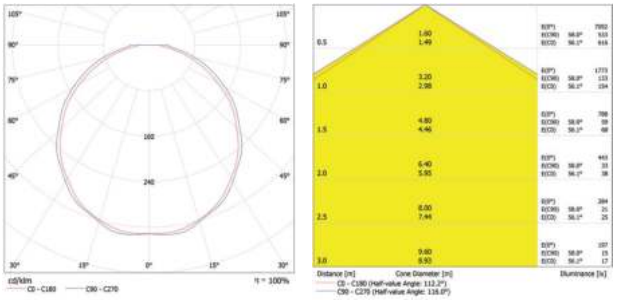
Beam Angle: 116° Ø45cm / 25W / Direct / SMD LED



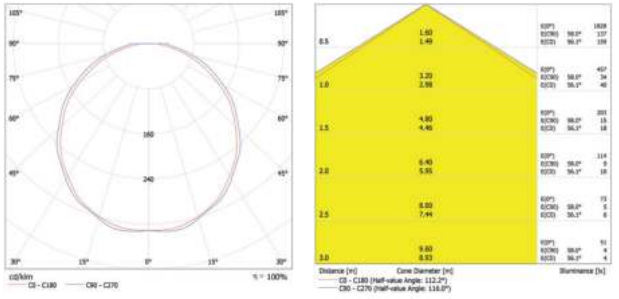
Beam Angle: 116° Ø45cm / 15W / Indirect / SMD LED



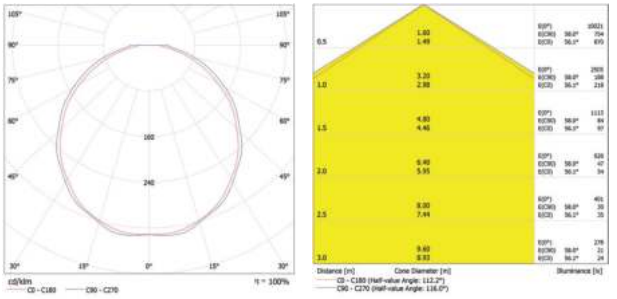
Beam Angle: 116° Ø60cm / 50W / Direct / SMD LED



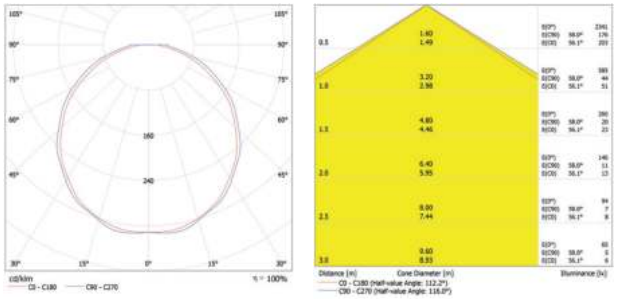
Beam Angle: 116° Ø60cm / 20W / Indirect / SMD LED



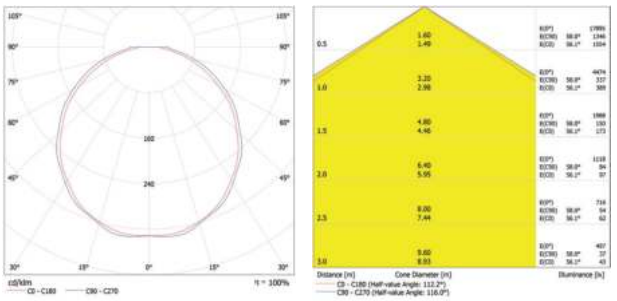
Beam Angle: 116° Ø75cm / 70W / Direct / SMD LED



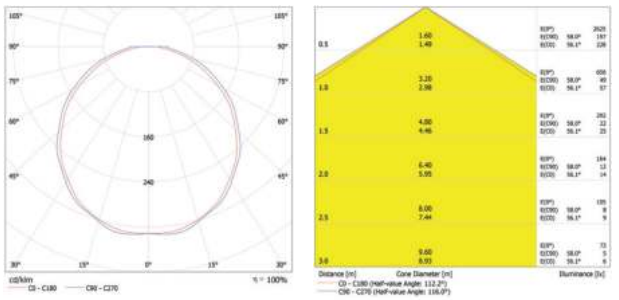
Beam Angle: 116° Ø75cm / 26W / Indirect / SMD LED



Beam Angle: 116° Ø100cm / 125W / Direct / SMD LED



Beam Angle: 116° Ø100cm / 30W / Indirect / SMD LED

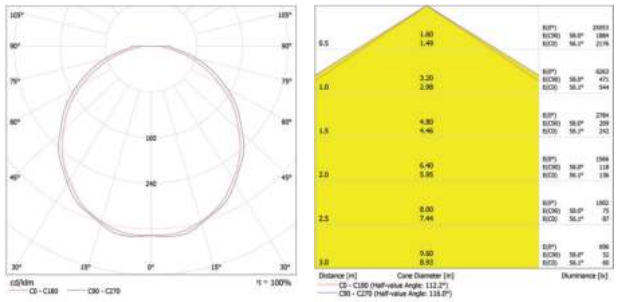


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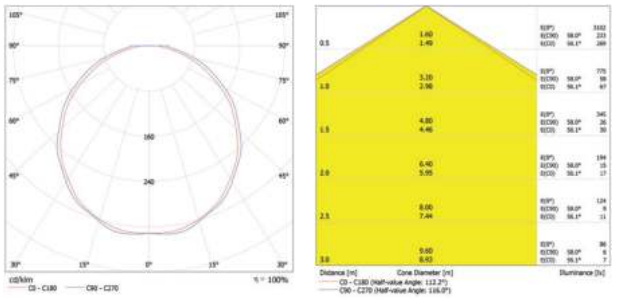


I02.LL.13307

Beam Angle: 116° Ø120cm / 175W / Direct / SMD LED



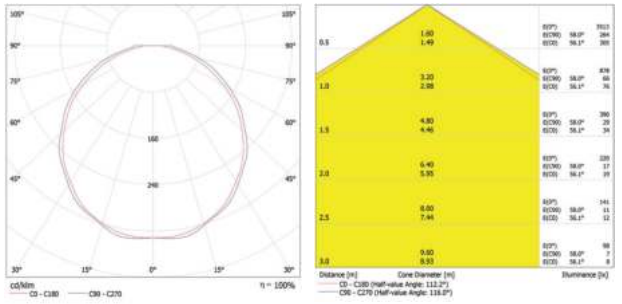
Beam Angle: 116° Ø120cm / 36W / Indirect / SMD LED



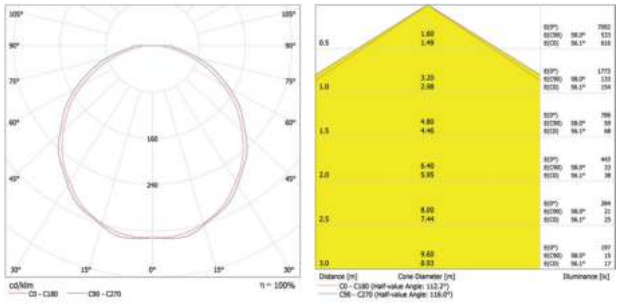


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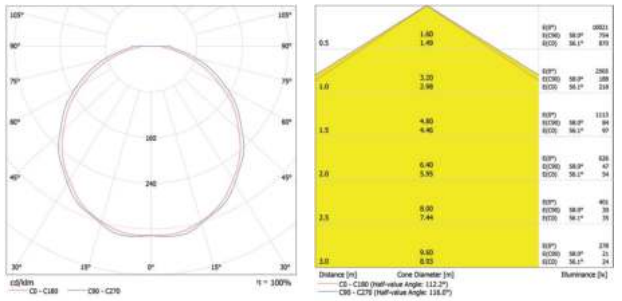
Beam Angle: 116° Ø45cm / 25W / SMD LED



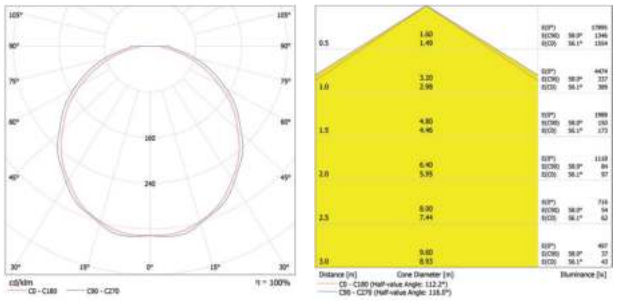
Beam Angle: 116° Ø60cm / 50W / SMD LED



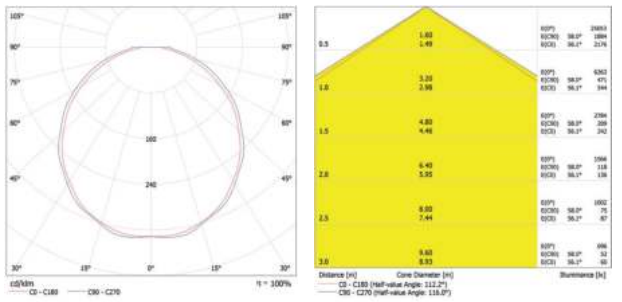
Beam Angle: 116° Ø75cm / 70W / SMD LED



Beam Angle: 116° Ø100cm / 125W / SMD LED



Beam Angle: 116° Ø120cm / 175W / SMD LED

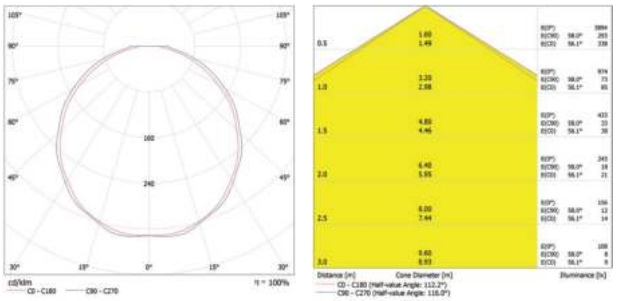


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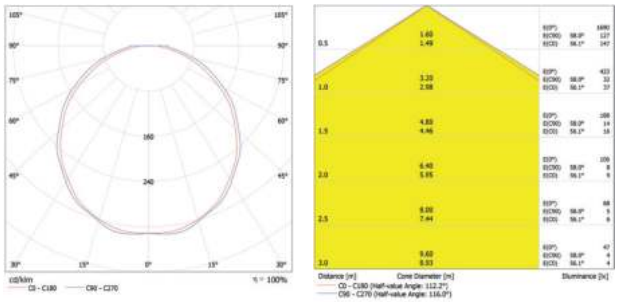


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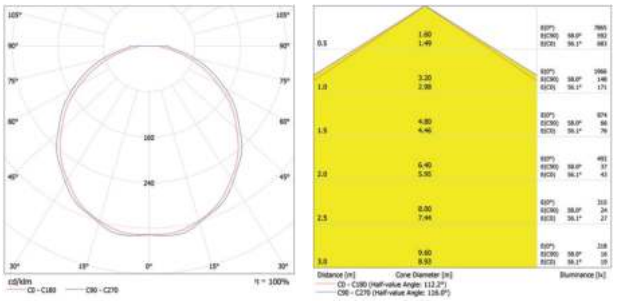
Beam Angle: 116° | Ø45cm / 25W / Direct / SMD LED



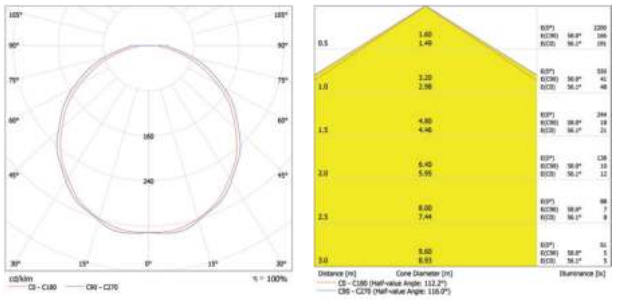
Beam Angle: 116° | Ø45cm / 15W / Indirect / SMD LED



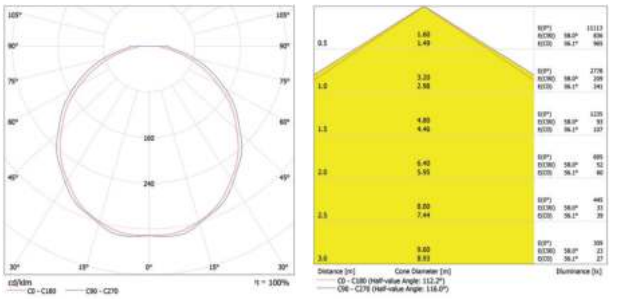
Beam Angle: 116° | Ø60cm / 50W / Direct / SMD LED



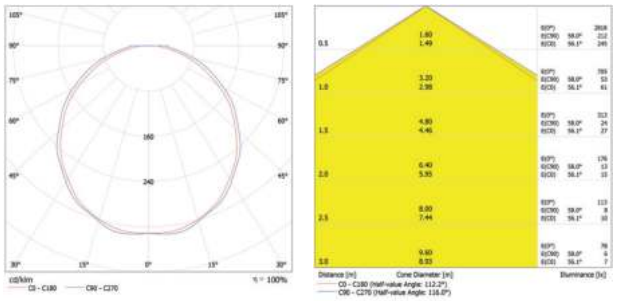
Beam Angle: 116° | Ø60cm / 20W / Indirect / SMD LED



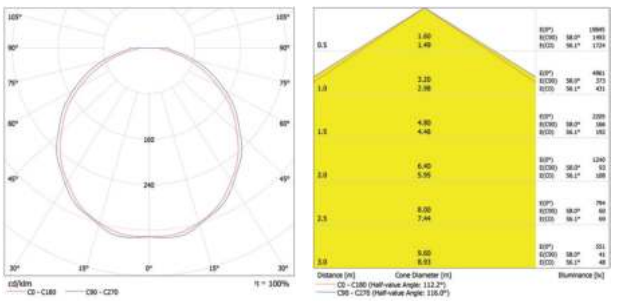
Beam Angle: 116° | Ø75cm / 70W / Direct / SMD LED



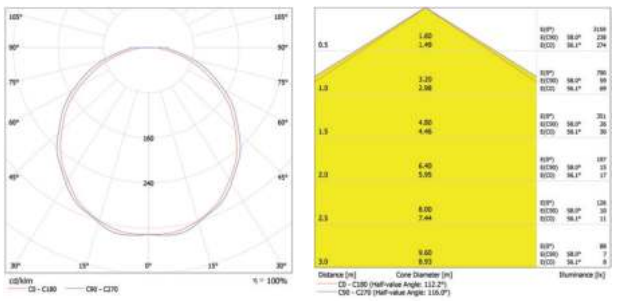
Beam Angle: 116° | Ø75cm / 26W / Indirect / SMD LED



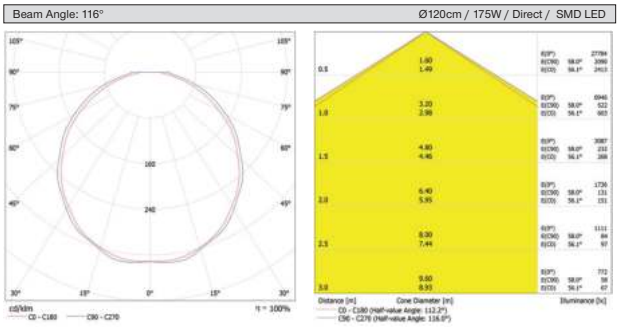
Beam Angle: 116° | Ø100cm / 125W / Direct / SMD LED



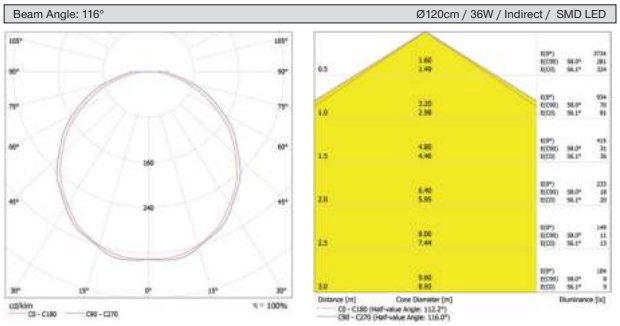
Beam Angle: 116° | Ø100cm / 30W / Indirect / SMD LED



Beam Angle: 116° | Ø120cm / 175W / Direct / SMD LED



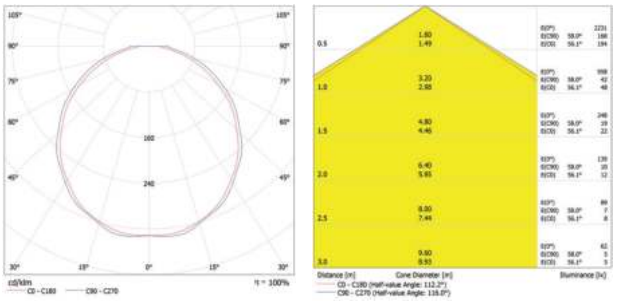
Beam Angle: 116° | Ø120cm / 36W / Indirect / SMD LED



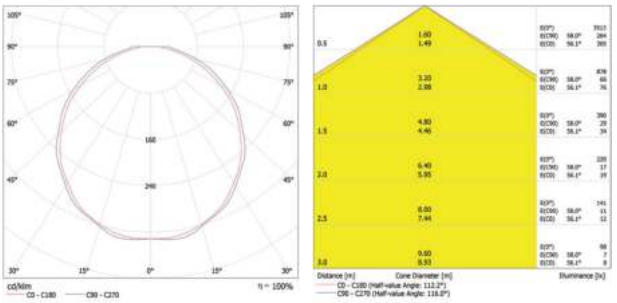


I02.LL.13407

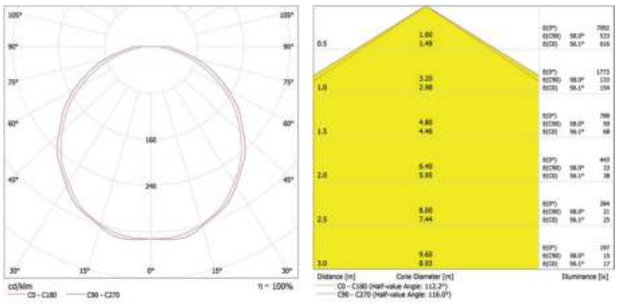
Beam Angle: 116° Ø31.5cm / 17W / SMD LED



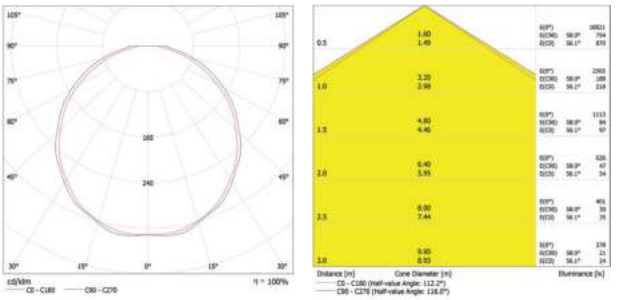
Beam Angle: 116° Ø46.5cm / 25W / SMD LED



Beam Angle: 116° Ø61.5cm / 50W / SMD LED



Beam Angle: 116° Ø76.5cm / 70W / SMD LED



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