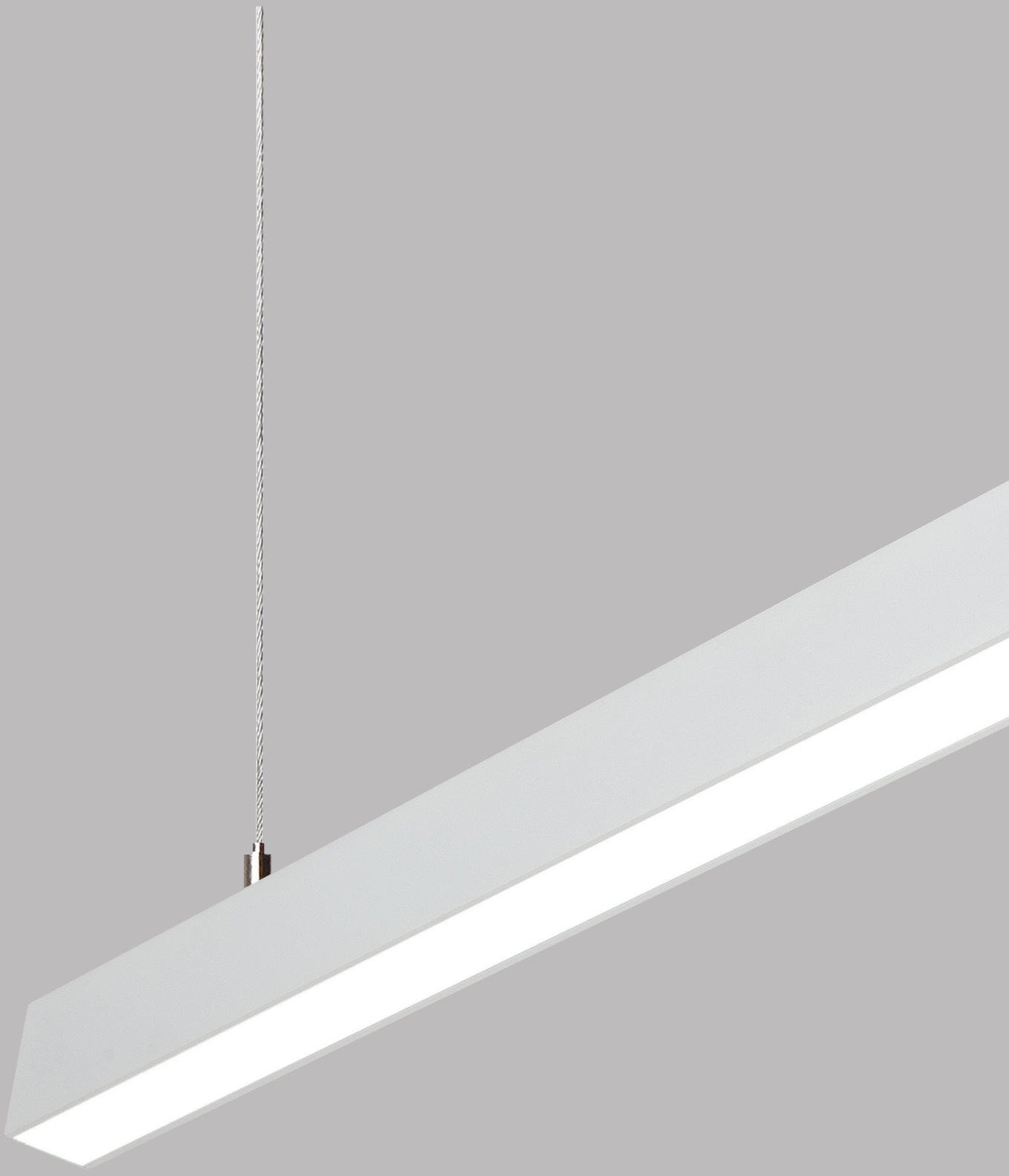
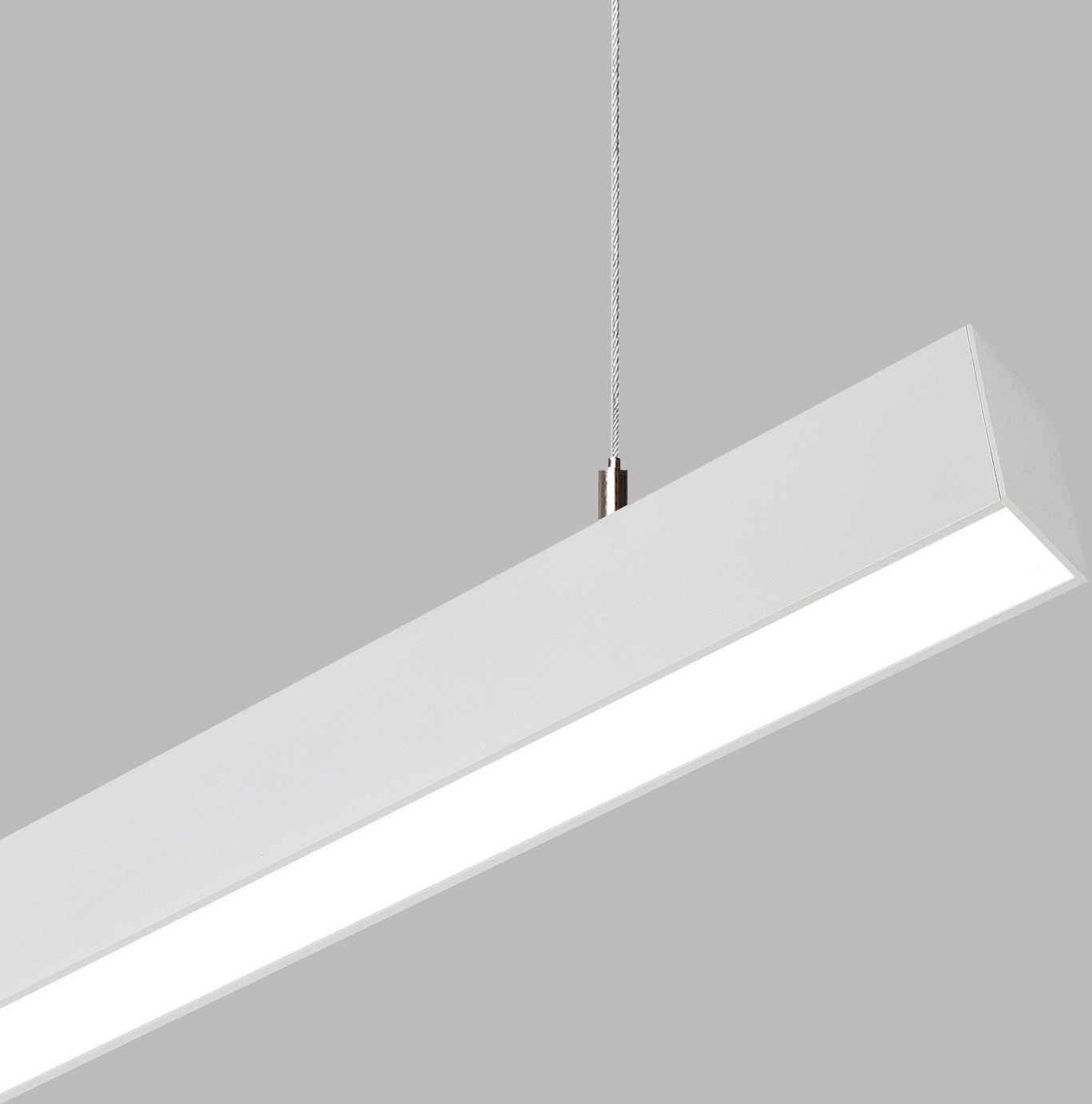


NARROW Linea Led





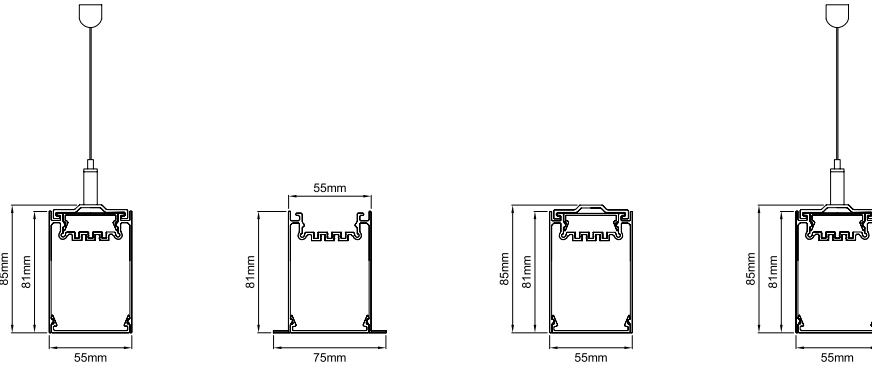
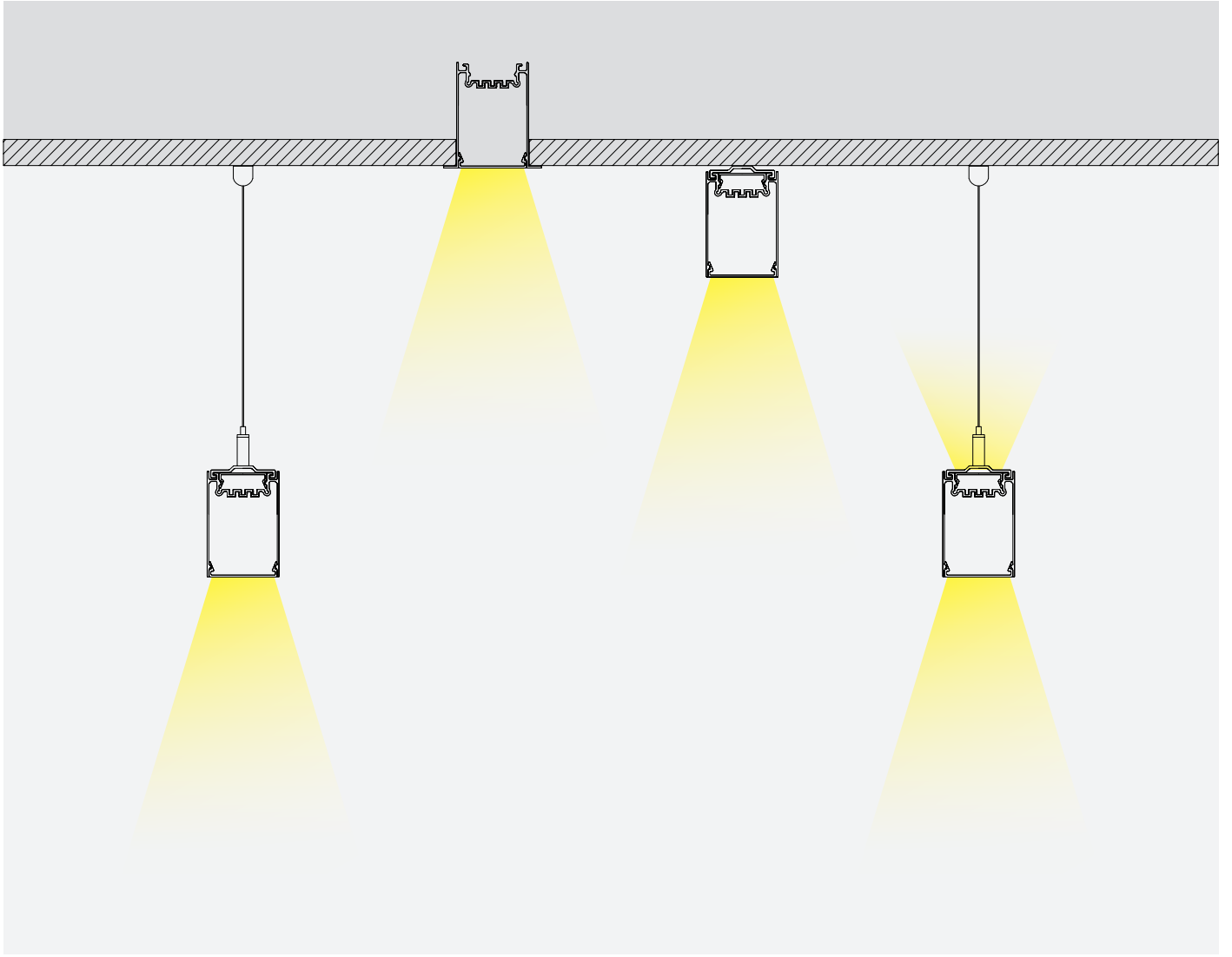
NARROW is an ideal solution for many applications including office lighting, retails, hospitals etc. Both opal diffuser and Microprismatic diffuser options available to lower UGR. 2700K, 3000K, 3500K, 4000K and 5000K alternatives available together with different power and luminaire size and DIM options 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, sivaüstü, raya monte ve ankastre montaj seçenekleri mevcuttur.

Narrow



Narrow Linear System

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

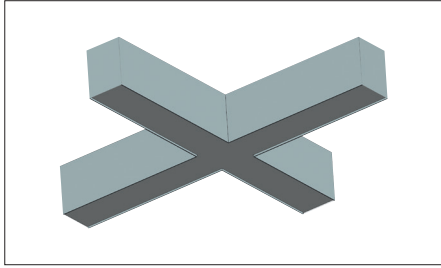
Avolux Narrow serisi saktı direkt, sarkıt direkt/endirekt, sivaüstü ve ankastre dahil farklı montaj şekillerine sahiptir. Birçok farklı boy ve dim seçenekleri uygulanabilir.

Narrow

Extra Mounting Accesories / Ekstra Bağlantı Aksesuarları

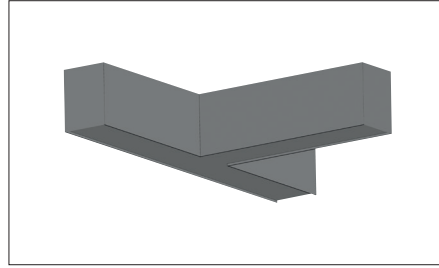
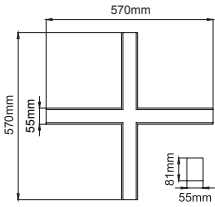
For different linear configurations, accessories with special connectors of X, T and L available with connection profile elements that gives flexibility to create different linear shapes.

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



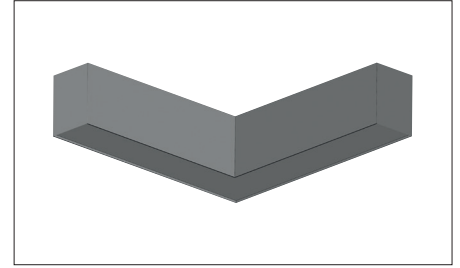
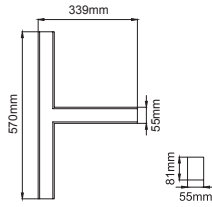
Plus connection profile that enables linear line connection in four directions.

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



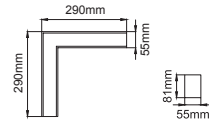
T connection profile that enables linear line connection in three directions.

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



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

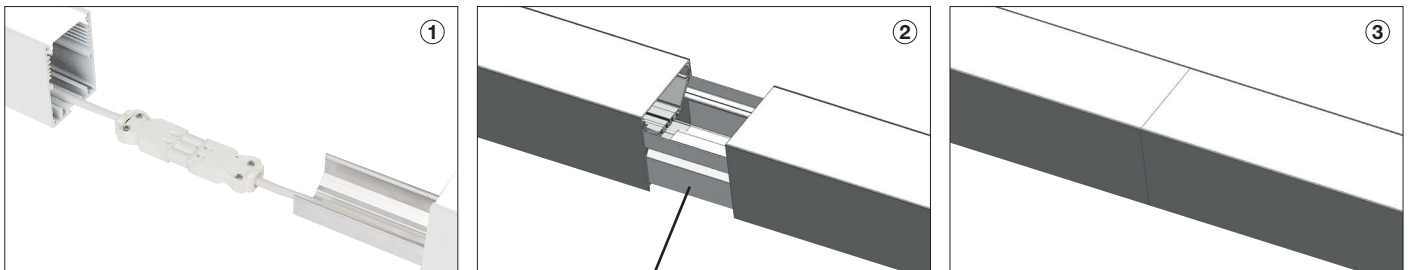
L bağlantı profili kesintisiz lineer hat uygulamalarında iki yöne bağlantı sağlar.



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 length 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 kaçışı 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 easily performed.

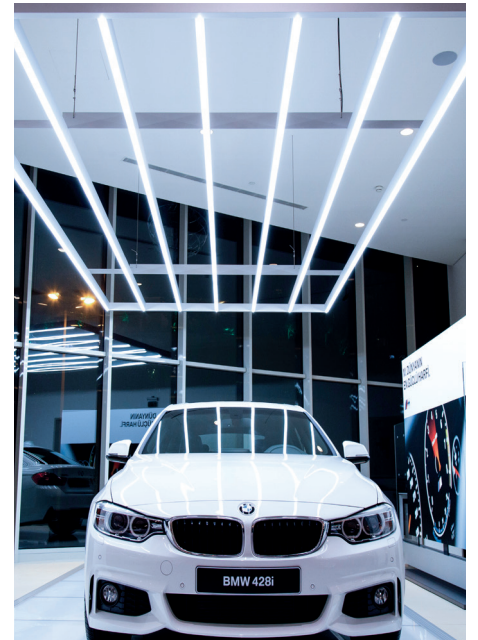
Avolux NARROW serisi armatürlerinde dinamik beyaz ışık kontrolü seçeneği sunmaktadır. Akıllı telefon veya bluetooth anahtarlar ile ışık kontrolü sağlanabilir. Armatürler tek tek veya grup halinde kontrol edilerek yüksek adetli armatür içeren projeler dahil kolaylıkla sisteme adapte edilebilir.



Android & iOS



Xpress



Narrow

Linea Led Series / Linea Led Serisi

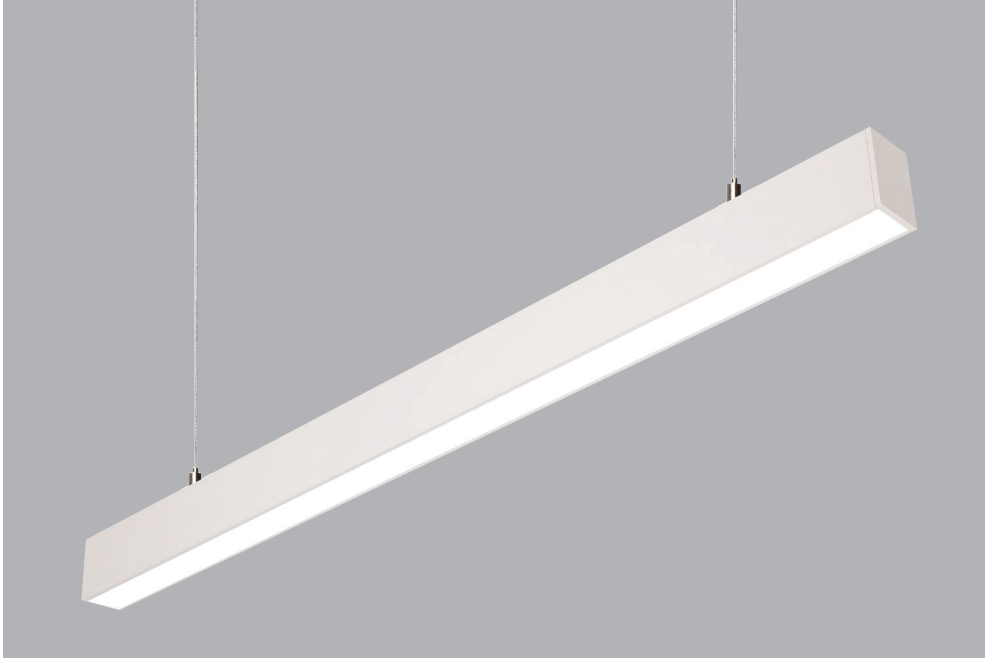


Narrow



Linea Led Series / Linea Led Series

Narrow Suspendant



* Code example / Kod örneği:

102.LL.19180 . 1135 . 034 . 830 . 01

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

Suspension Wire

Sarkıtma Teli



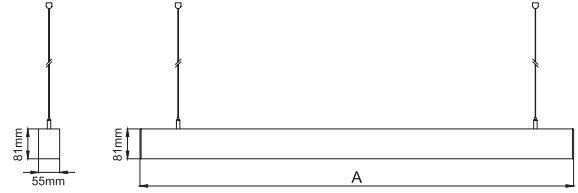
Suspension Profile

Sarkıtma Teli Bağlantı Profili

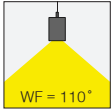


5 / Product Color / Ürün Renk

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı









Product Data / Armatür Data	
Item No / Ürün Kod	102.LL.19180.1135.034.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Alüminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Geniřlięi	55mm
Profile Height / Profil Yükseklięi	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 / 102.LL.19180

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	1669	2252
			3000K	1722	2324
			3500K	1749	2360
			4000K	1816	2450
			5000K	1842	2486
	CRI>90	102.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	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	2029	2866
			3000K	2094	2957
			3500K	2127	3003
			4000K	2208	3118
			5000K	2240	3163
	CRI>90	102.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	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	2592	3693
			3000K	2674	3811
			3500K	2716	3870
			4000K	2820	4018
			5000K	2860	4077
	CRI>90	102.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	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	3176	4506
			3000K	3277	4651
			3500K	3329	4723
			4000K	3456	4903
			5000K	3506	4975
	CRI>90	102.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	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	3783	5333
			3000K	3903	5504
			3500K	3964	5589
			4000K	4116	5802
			5000K	4175	5888
	CRI>90	102.LL.19180 . (...) . (...) . (...) . (...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862

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

Narrow Surface Mounted

Narrow Surface Mounted / I02.LL.19181



* Code example / Kod örneği:

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

- 1- Product code / Armatür kodu
- 2- Length / 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
855mm	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	1402	1891
			3000K	1442	1945
			3500K	1468	1981
			4000K	1522	2053
			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
1135mm	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	1705	2406
			3000K	1753	2475
			3500K	1785	2521
			4000K	1851	2612
			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
1415mm	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2177	3101
			3000K	2239	3189
			3500K	2280	3248
			4000K	2364	3367
			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
1695mm	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	2668	3784
			3000K	2744	3892
			3500K	2794	3964
			4000K	2897	4108
			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
1975mm	CRI>90	I02.LL.19181 . (...) . (...) . (...) . (...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862
			4000K	3456	4862

2	Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı	4	CRI / Kelvin	5	Product Color / Ürün Renk						
...	855mm	20W 27W	20W (Direct) - 250mA 27W (Direct) - 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	01	white				
	1135mm	24W 34W	24W (Direct) - 250mA 34W (Direct) - 350mA					830	CRI>80 - 3000K	930	CRI>90 - 3000K	02	ral 9010
	1415mm	30W 43W	30W (Direct) - 250mA 43W (Direct) - 350mA					835	CRI>80 - 3500K	935	CRI>90 - 3500K	03	black
	1695mm	36W 51W	36W (Direct) - 250mA 51W (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 / 102.LL.19182



* Code example / Kod örneği:

102.LL.19182.1135.034.830.01
 1 2 3 4 5

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

Track Adaptor

Ray Soketi



Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	27W 350mA lm
855mm	CRI>80	102.LL.19182.(...).(...). (...).(...)	2700K	1669	2252
			3000K	1722	2324
			3500K	1749	2360
			4000K	1816	2450
			5000K	1842	2486
855mm	CRI>90	102.LL.19182.(...).(...). (...).(...)	2700K	1402	1891
			3000K	1442	1945
			3500K	1468	1981
			4000K	1522	2053
			4000K	1522	2053
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1135mm	CRI>80	102.LL.19182.(...).(...). (...).(...)	2700K	2029	2866
			3000K	2094	2957
			3500K	2127	3003
			4000K	2208	3118
			5000K	2240	3163
1135mm	CRI>90	102.LL.19182.(...).(...). (...).(...)	2700K	1705	2406
			3000K	1753	2475
			3500K	1785	2521
			4000K	1851	2612
			4000K	1851	2612
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	43W 350mA lm
1415mm	CRI>80	102.LL.19182.(...).(...). (...).(...)	2700K	2592	3693
			3000K	2674	3811
			3500K	2716	3870
			4000K	2820	4018
			5000K	2860	4077
1415mm	CRI>90	102.LL.19182.(...).(...). (...).(...)	2700K	2177	3101
			3000K	2239	3189
			3500K	2280	3248
			4000K	2364	3367
			4000K	2364	3367
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	51W 350mA lm
1695mm	CRI>80	102.LL.19182.(...).(...). (...).(...)	2700K	3176	4506
			3000K	3277	4651
			3500K	3329	4723
			4000K	3456	4903
			5000K	3506	4975
1695mm	CRI>90	102.LL.19182.(...).(...). (...).(...)	2700K	2668	3784
			3000K	2744	3892
			3500K	2794	3964
			4000K	2897	4108
			4000K	2897	4108
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	102.LL.19182.(...).(...). (...).(...)	2700K	3783	5333
			3000K	3903	5504
			3500K	3964	5589
			4000K	4116	5802
			5000K	4175	5888
1975mm	CRI>90	102.LL.19182.(...).(...). (...).(...)	2700K	3178	4478
			3000K	3268	4606
			3500K	3327	4692
			4000K	3456	4862
			4000K	3456	4862

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

Narrow Direct / Indirect



* Code example / Kod örneği:

102.LL.19183.1135.049.830.01

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

Suspension Wire

Sarkıtma Teli



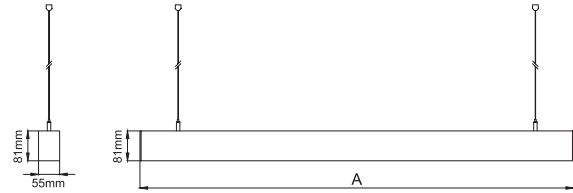
Suspension Profile

Sarkıtma Teli Bağlantı Profili

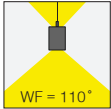


5 / Product Color / Ürün Renk

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı









Product Data / Armatür Data	
Item No / Ürün Kod	102.LL.19183.1135.049.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Alüminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Geniřlięi	55mm
Profile Height / Profil Yükseklięi	81mm
Installation Type / Kurulum Türü	Suspendant / Sarkıt
Efficiency / Verimlilik	>94lm/W
CRI	80
Light Distribution / Işık Daęılımı	Symmetric Wide Flood / Simetrik Geniř 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

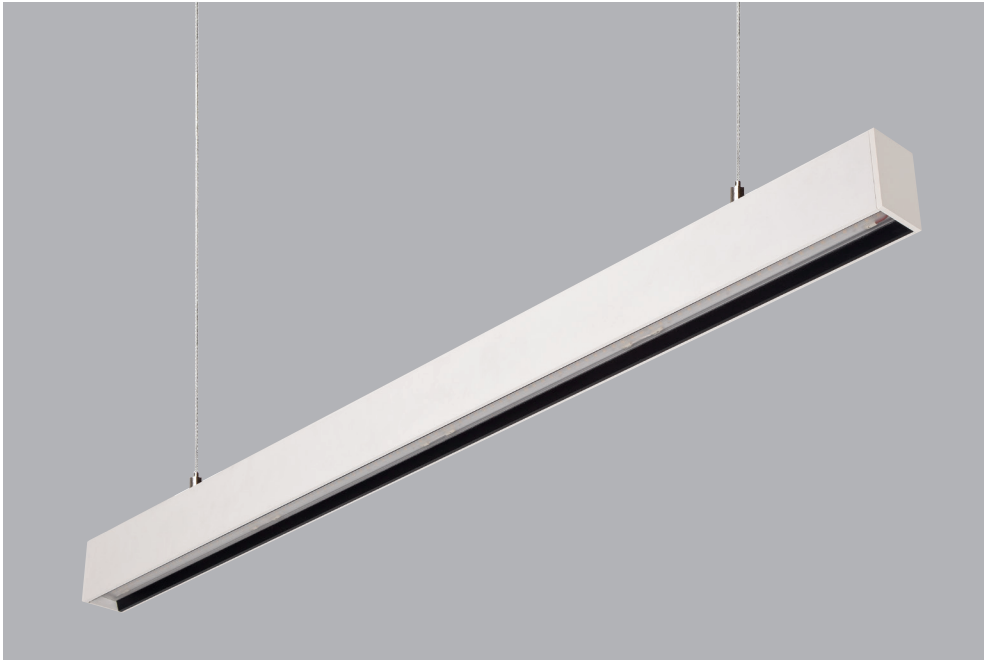
Narrow Direct / Indirect

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

2	Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı	4		5	Product Color / Ürün Renk	
				CRI / Kelvin				
Complete Code / Komple Kod	855mm	30W 39W	20W (Direct) 10W (Indirect)- 250mA 27W (Direct) 12W (Indirect)- 350mA	827	CRI>80 - 2700K	927	CRI>90 - 2700K	 01 white
	1135mm	36W 49W	24W (Direct) 12W (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 87W	42W (Direct) 20W (Indirect)- 250mA 59W (Direct) 28W (Indirect)- 350mA	850	CRI>80 - 5000K			 05 dark gray
							 06 special color	

Narrow Suspendant



* Code example / Kod örneği:

102.LL.19184.1150.033.100.830.01

- 1- Product code / Armatür kodu
- 2- Length / 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

Suspension Profile
Sarkıtma Teli Bağlantı Profili

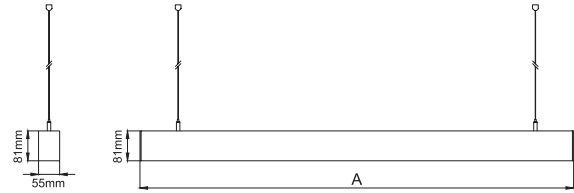
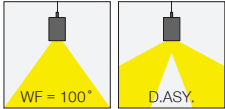


6 / Product Color / Ürün Renk



Technical Drawing / Teknik Çizim

4 / Beam Angle / Işık Açısı











Product Data / Armatür Data	
Item No / Ürün Kod	102.LL.19184.1150.033.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Alüminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Geniřlięi	55mm
Profile Height / Profil Yükseklięi	81mm
Installation Type / Kurulum Türü	Suspendant, Surface Mounted and Track Mounted / Sarkıt, Sivaüstü ve Raya Monteli
Efficiency / Verimlilik	>96lm/W
CRI	80
Light Distribution / Işık Daęılımı	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 / 102.LL.19184

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
870mm	CRI>80	102.LL.19184 . (...) . (...) . (...) . (...)	2700K	1763	2368
			3000K	1820	2444
			3500K	1848	2482
			4000K	1919	2557
			5000K	1947	2615
	CRI>90	102.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	102.LL.19184 . (...) . (...) . (...) . (...)	2700K	2145	3014
			3000K	2214	3111
			3500K	2248	3159
			4000K	2334	3280
			5000K	2368	3328
	CRI>90	102.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	102.LL.19184 . (...) . (...) . (...) . (...)	2700K	2740	3886
			3000K	2827	4010
			3500K	2871	4072
			4000K	2981	4228
			5000K	3025	4290
	CRI>90	102.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	102.LL.19184 . (...) . (...) . (...) . (...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
	CRI>90	102.LL.19184 . (...) . (...) . (...) . (...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324

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

Narrow Surface Mounted

Narrow Surface Mountend / I02.LL.19186



* Code example / Kod örneği:

I02.LL.19186.1150.033.100.830.01

- 1- Product code / Armatür kodu
- 2- Length / 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



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

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

Narrow Track Mounted

Narrow Track Montend / 102.LL.19187



* Code example / Kod örneği:

102.LL.19187.1150.033.100.830.01
 1 2 3 4 5 6

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

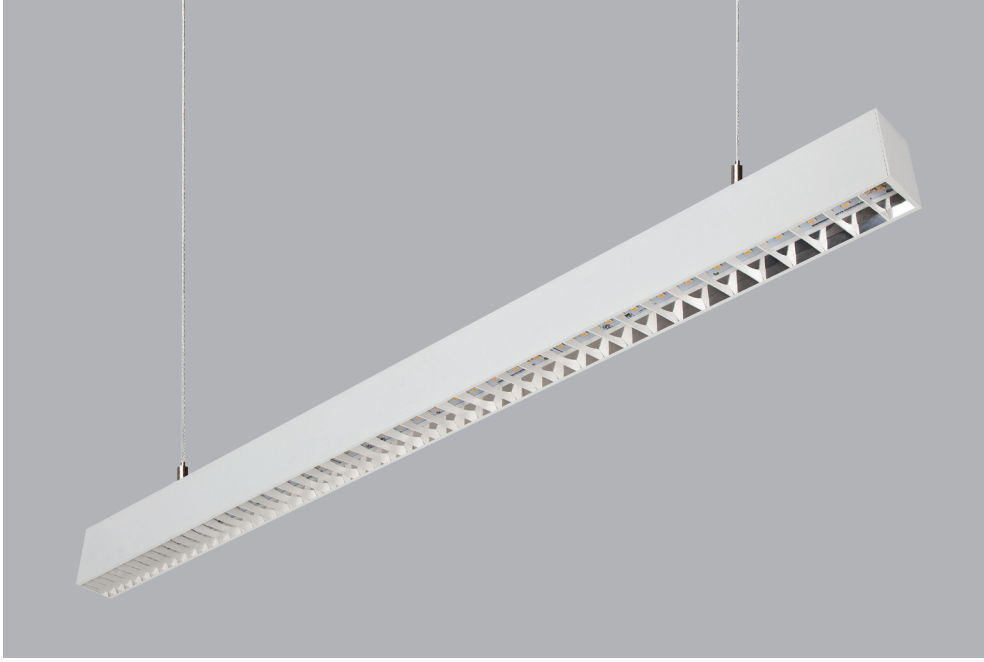
Track Adaptor
Ray Soketi



Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	25W 350mA lm
870mm	CRI>80	102.LL.19187.(...).(...).(...).(...)	2700K	1763	2368
			3000K	1820	2444
			3500K	1848	2482
			4000K	1919	2557
			5000K	1947	2615
1150mm	CRI>90	102.LL.19187.(...).(...).(...).(...)	2700K	1481	1989
			3000K	1524	2046
			3500K	1497	2084
			4000K	1608	2160
			24W 250mA lm	33W 350mA lm	
1150mm	CRI>80	102.LL.19187.(...).(...).(...).(...)	2700K	2145	3014
			3000K	2214	3111
			3500K	2248	3159
			4000K	2334	3280
			5000K	2368	3328
1150mm	CRI>90	102.LL.19187.(...).(...).(...).(...)	2700K	1802	2532
			3000K	1853	2512
			3500K	1887	2653
			4000K	1956	2749
			24W 250mA lm	33W 350mA lm	
1430mm	CRI>80	102.LL.19187.(...).(...).(...).(...)	2700K	2740	3886
			3000K	2827	4010
			3500K	2871	4072
			4000K	2981	4228
			5000K	3025	4290
1430mm	CRI>90	102.LL.19187.(...).(...).(...).(...)	2700K	2301	3264
			3000K	2367	3357
			3500K	2411	3420
			4000K	2498	3544
			30W 250mA lm	43W 350mA lm	
1430mm	CRI>80	102.LL.19187.(...).(...).(...).(...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
1710mm	CRI>90	102.LL.19187.(...).(...).(...).(...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324
			36W 250mA lm	51W 350mA lm	
1710mm	CRI>80	102.LL.19187.(...).(...).(...).(...)	2700K	3358	4742
			3000K	3466	4893
			3500K	3519	4793
			4000K	3654	5159
			5000K	3708	5235
1710mm	CRI>90	102.LL.19187.(...).(...).(...).(...)	2700K	2821	3983
			3000K	2902	4097
			3500K	2850	4173
			4000K	3063	4324
			36W 250mA lm	51W 350mA lm	

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

Narrow Suspendant



* Code example / Kod örneği:

102.LL.18180.1130.034.830.01

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

Suspension Wire

Sarkıtma Teli



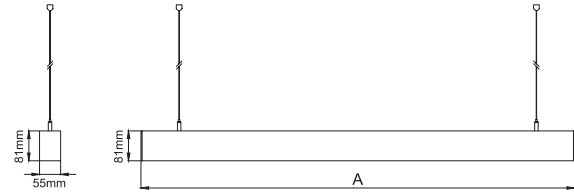
Suspension Profile

Sarkıtma Teli Bağlantı Profili

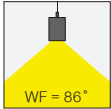


5 / Product Color / Ürün Renk

Technical Drawing / Teknik Çizim



Beam Angle / Işık Açısı









Product Data / Armatür Data	
Item No / Ürün Kod	102.LL.18180.1130.034.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Alüminyum Profil
Form / Biçim	Linear / Lineer
Profile Width / Profil Geniřliđi	55mm
Profile Height / Profil Yüksekliđi	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

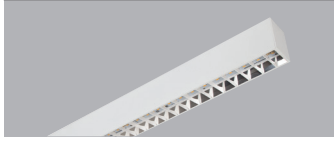
Narrow Suspendant / 102.LL.18180

Lenght / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	24W 350mA lm
850mm	CRI>80	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	2118	2668
			3000K	2186	2753
			3500K	2220	2796
			4000K	2305	2903
			5000K	2339	2945
	CRI>90	102.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	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	2578	3397
			3000K	2660	3506
			3500K	2702	3560
			4000K	2805	3696
			5000K	2846	3750
	CRI>90	102.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	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	3292	4376
			3000K	3397	4516
			3500K	3450	4586
			4000K	3582	4761
			5000K	3635	4831
	CRI>90	102.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	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	4035	5340
			3000K	4164	5511
			3500K	4228	5596
			4000K	4390	5810
			5000K	4454	5895
	CRI>90	102.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	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	4804	6322
			3000K	4958	6524
			3500K	5035	6625
			4000K	5227	6878
			5000K	5304	6979
	CRI>90	102.LL.18180 . (...) . (...) . (...) . (...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765

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

Narrow Surface Mounted

Narrow Surface Mounted / I02.LL.18181



* Code example / Kod örneği:

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

- 1- Product code / Armatür kodu
- 2- Length / 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
850mm	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	1779	2241
			3000K	1830	2305
			3500K	1864	2348
			4000K	1932	2433
			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
1130mm	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2165	2853
			3000K	2227	2935
			3500K	2268	2989
			4000K	2351	3098
			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
1410mm	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	2765	3675
			3000K	2844	3781
			3500K	2897	3851
			4000K	3002	3991
			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
1695mm	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	3389	4485
			3000K	3486	4614
			3500K	3551	4699
			4000K	3680	4870
			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
1975mm	CRI>90	I02.LL.18181 . (...) . (...) . (...) . (...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765
			4000K	4138	5765

2	Lenght / Uzunluk (A)	3	Watt - Driving Current / Watt - Sürüş Akımı		4		CRI / Kelvin	5	
			Watt	Driving Current	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
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
1975mm	42W 59W	42W (Direct) - 250mA 59W (Direct) - 350mA	850	CRI>80 - 5000K					

Narrow Track Mounted

Narrow Track Mounted / 102.LL.18182



* Code example / Kod örneği:

102.LL.18182.1130.034.830.01
 1 2 3 4 5

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

Track Adaptor

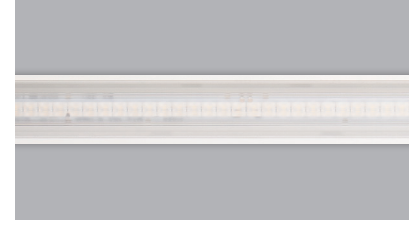
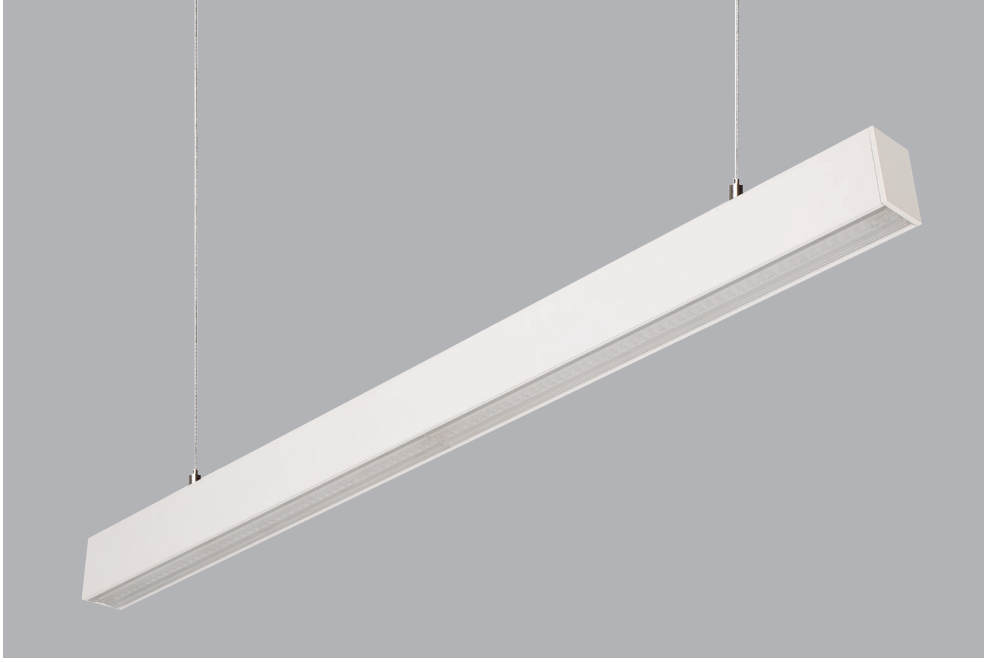
Ray Soketi



Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	20W 250mA lm	24W 350mA lm
850mm	CRI>80	102.LL.18182.(...).(...).(...).(...)	2700K	2118	2668
			3000K	2186	2753
			3500K	2220	2796
			4000K	2305	2903
			5000K	2339	2945
850mm	CRI>90	102.LL.18182.(...).(...).(...).(...)	2700K	1779	2241
			3000K	1830	2305
			3500K	1864	2348
			4000K	1932	2433
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	24W 250mA lm	34W 350mA lm
1130mm	CRI>80	102.LL.18182.(...).(...).(...).(...)	2700K	2578	3397
			3000K	2660	3506
			3500K	2702	3560
			4000K	2805	3696
			5000K	2846	3750
1130mm	CRI>90	102.LL.18182.(...).(...).(...).(...)	2700K	2165	2853
			3000K	2227	2935
			3500K	2268	2989
			4000K	2351	3098
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	30W 250mA lm	42W 350mA lm
1410mm	CRI>80	102.LL.18182.(...).(...).(...).(...)	2700K	3292	4376
			3000K	3397	4516
			3500K	3450	4586
			4000K	3582	4761
			5000K	3635	4831
1410mm	CRI>90	102.LL.18182.(...).(...).(...).(...)	2700K	2765	3675
			3000K	2844	3781
			3500K	2897	3851
			4000K	3002	3991
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	36W 250mA lm	50W 350mA lm
1695mm	CRI>80	102.LL.18182.(...).(...).(...).(...)	2700K	4035	5340
			3000K	4164	5511
			3500K	4228	5596
			4000K	4390	5810
			5000K	4454	5895
1695mm	CRI>90	102.LL.18182.(...).(...).(...).(...)	2700K	3389	4485
			3000K	3486	4614
			3500K	3551	4699
			4000K	3680	4870
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	42W 250mA lm	59W 350mA lm
1975mm	CRI>80	102.LL.18182.(...).(...).(...).(...)	2700K	4804	6322
			3000K	4958	6524
			3500K	5035	6625
			4000K	5227	6878
			5000K	5304	6979
1975mm	CRI>90	102.LL.18182.(...).(...).(...).(...)	2700K	4035	5310
			3000K	4151	5462
			3500K	4228	5563
			4000K	4138	5765

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

Narrow Suspendant



* Code example / Kod örneği:

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

- 1- Product code / Armatür kodu
- 2- Length / 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

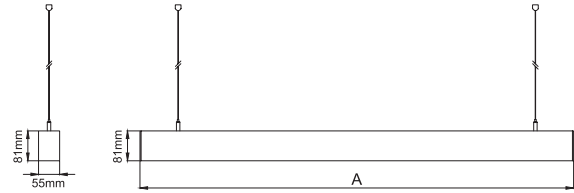
Suspension Profile
Sarkıtma Teli Bağlantı Profili



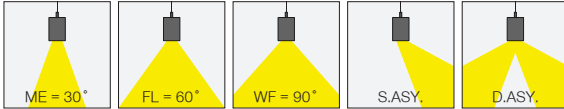
6 / Product Color / Ürün Renk



Technical Drawing / Teknik Çizim



4 / Beam Angle / Işık Açısı












Product Data / Armatür Data	
Item No / Ürün Kod	102.LL.19284.1140.056.830.01
Family Name / Aile Adı	Narrow
Material / Malzeme	Aluminium Profile / Alüminyum 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 / 102.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	102.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	102.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	102.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	102.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	102.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	102.LL.19284 . (...) . (...) . (...) . (...)	2700K	3658	4986	6911	9256
			3000K	3763	5129	7109	9521
			3500K	3833	5224	7241	9697
			4000K	3972	5414	7504	10050

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

Narrow Surface Mounted

Narrow Surface Mounted / 102.LL.19286



* Code example / Kod örneği:

102.LL.19286 . 1140 . 056 . 060 . 830 . 01
1 2 3 4 5 6

- 1- Product code / Armatür kodu
- 2- Length / 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



Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19.5W 250mA lm	27W 350mA lm	39W 500mA lm	56W 700mA lm
1140mm	CRI>80	102.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	102.LL.19287 . (...) . (...) . (...)	2700K	1830	2498	3457	4632
			3000K	1883	2570	3556	4765
			3500K	1917	2617	3622	4853
			4000K	1987	2712	3753	5029
			4000K	1987	2712	3753	5029
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	29W 250mA lm	41W 350mA lm	58W 500mA lm	82W 700mA lm
1700mm	CRI>80	102.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	102.LL.19287 . (...) . (...) . (...)	2700K	2697	3677	5096	6825
			3000K	2774	3782	5242	7020
			3500K	2826	3852	5339	7150
			4000K	2929	3992	5533	7410
			4000K	2929	3992	5533	7410
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	39W 250mA lm	51W 350mA lm	78W 500mA lm	109W 700mA lm
2260mm	CRI>80	102.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	102.LL.19287 . (...) . (...) . (...)	2700K	3658	4986	6911	9256
			3000K	3763	5129	7109	9521
			3500K	3833	5224	7241	9697
			4000K	3972	5414	7504	10050
			4000K	3972	5414	7504	10050

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

Narrow Track Mounted

Narrow Track Mounted / 102.LL.19287



* Code example / Kod örneği:

102.LL.19287 . 1140 . 056 . 060 . 830 . 01
 1 2 3 4 5 6

- 1- Product code / Armatür kodu
- 2- Length / 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



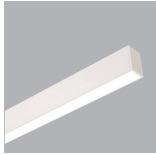
Length / Uzunluk (A)	CRI	Order Code / Sipariş Kodu	Kelvin	19.5W 250mA lm	27W 350mA lm	39W 500mA lm	56W 700mA lm
1140mm	CRI>80	102.LL.19287 . (...) . (...) . (...)	2700K	2179	2974	4116	5343
			3000K	2249	3069	4247	5691
			3500K	2283	3117	4313	5779
			4000K	2371	3236	4478	6000
	CRI>90	102.LL.19287 . (...) . (...) . (...)	2700K	2406	3283	4544	6088
			3000K	1830	2498	3457	4632
			3500K	1883	2570	3556	4765
			4000K	1917	2617	3622	4853
1700mm	CRI>80	102.LL.19287 . (...) . (...) . (...)	2700K	2974	3974	5444	7088
			3000K	3211	4378	6067	8125
			3500K	3314	4518	6261	8385
			4000K	3365	4588	6358	8515
	CRI>90	102.LL.19287 . (...) . (...) . (...)	2700K	3494	4763	6601	8840
			3000K	3545	4833	6698	8970
			3500K	2697	3677	5096	6825
			4000K	2774	3782	5242	7020
2260mm	CRI>80	102.LL.19287 . (...) . (...) . (...)	2700K	2826	3852	5339	7150
			3000K	2929	3992	5533	7410
			3500K	3211	4378	6067	8125
			4000K	3314	4518	6261	8385
	CRI>90	102.LL.19287 . (...) . (...) . (...)	2700K	3365	4588	6358	8515
			3000K	3494	4763	6601	8840
			3500K	3545	4833	6698	8970
			4000K	2697	3677	5096	6825
2260mm	CRI>80	102.LL.19287 . (...) . (...) . (...)	2700K	2774	3782	5242	7020
			3000K	2826	3852	5339	7150
			3500K	2929	3992	5533	7410
			4000K	3211	4378	6067	8125
	CRI>90	102.LL.19287 . (...) . (...) . (...)	2700K	3314	4518	6261	8385
			3000K	3365	4588	6358	8515
			3500K	3494	4763	6601	8840
			4000K	3545	4833	6698	8970

Complete Code / Komple Kod	2	3	4	5		6		
	Length / Uzunluk (A)	Watt - Driving Current / Watt - Sürüş Akımı	Beam Angle / Işık Açısı	CRI / Kelvin		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					04 gray
	1700mm	29W	29W (Direct) - 250mA	S.ASY.	Single Asymmetric	840 CRI>80 - 4000K	940 CRI>90 - 4000K	05 dark gray
		41W	41W (Direct) - 350mA					06 special color
		58W	58W (Direct) - 500mA	D.ASY.	Double Asymmetric	850 CRI>80 - 5000K		
		82W	82W (Direct) - 700mA					
	2260mm	39W	39W (Direct) - 250mA					
		51W	51W (Direct) - 350mA					
		78W	78W (Direct) - 500mA					
		109W	109W (Direct) - 700mA					

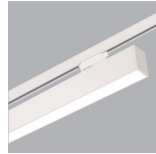
LDT Files / LDT Dataları



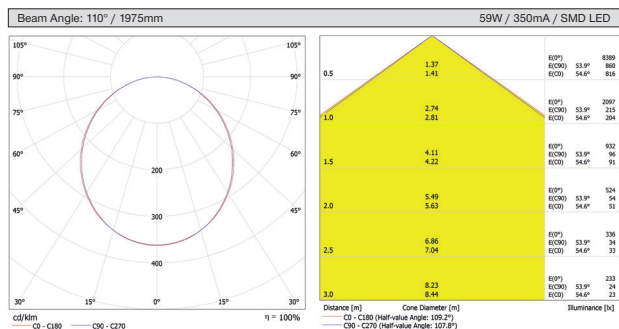
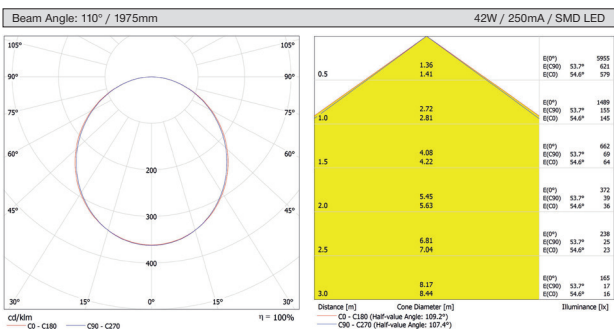
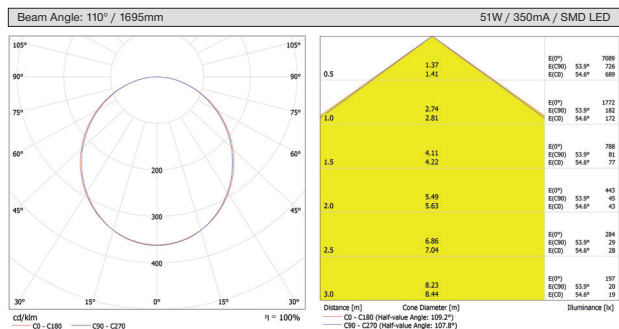
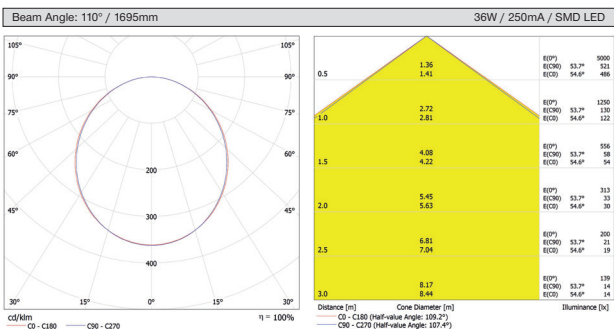
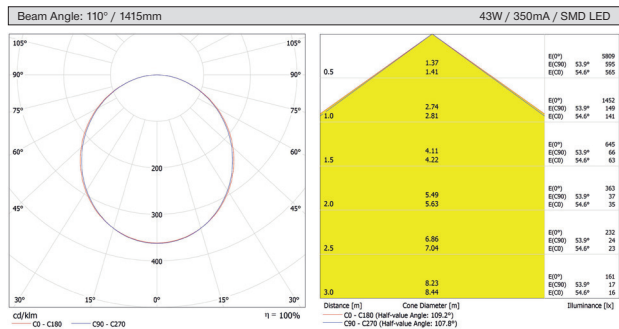
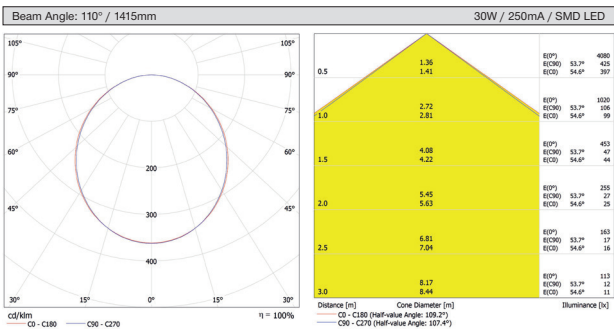
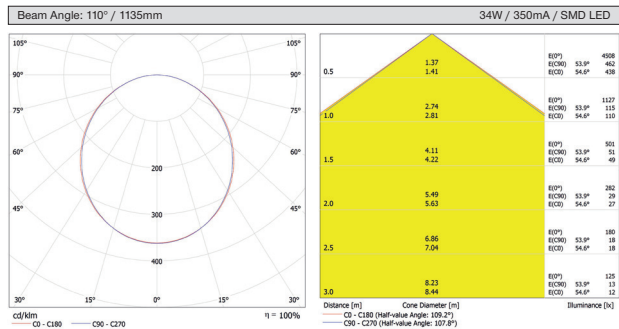
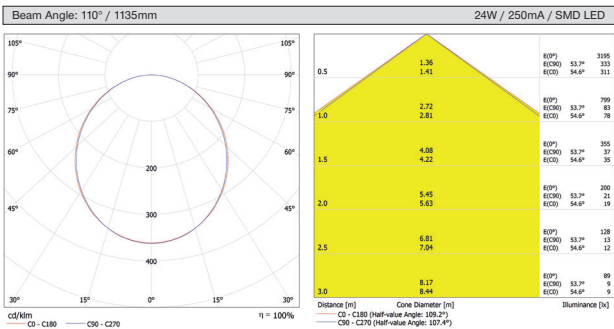
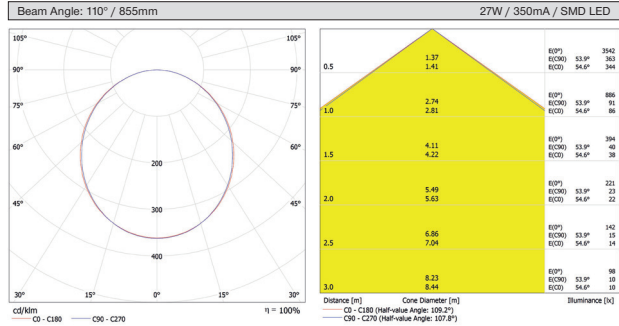
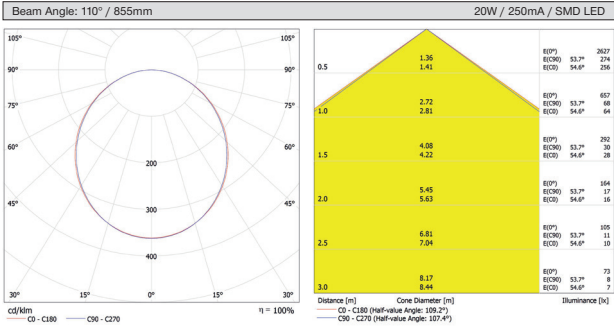
102.LL.19180



102.LL.19181



102.LL.19182



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IO2.LL.19183

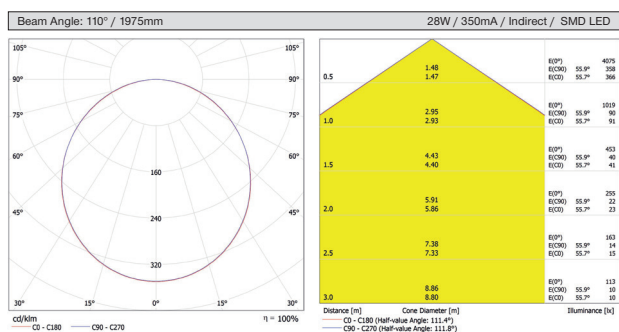
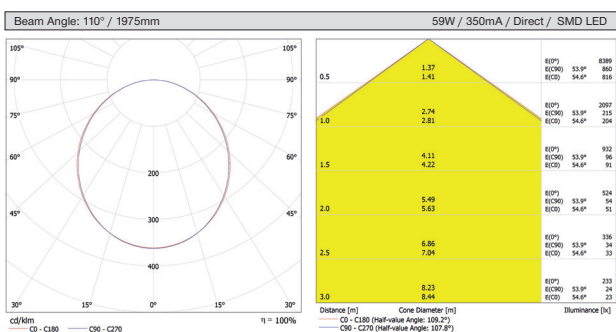
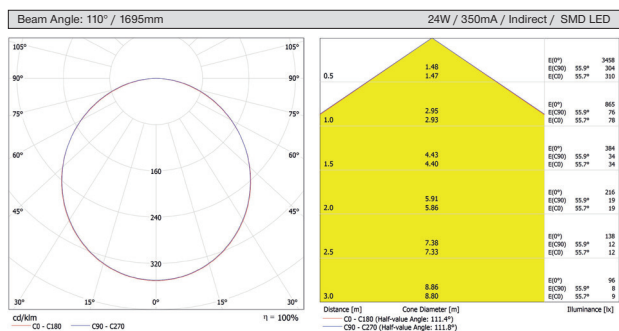
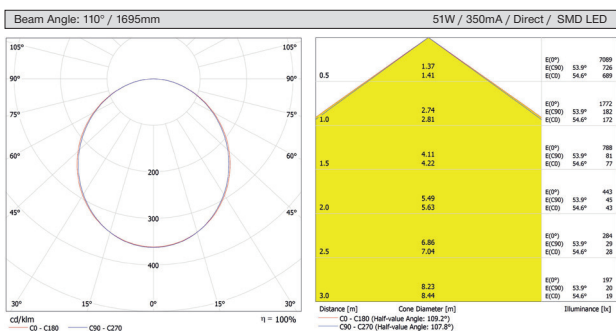
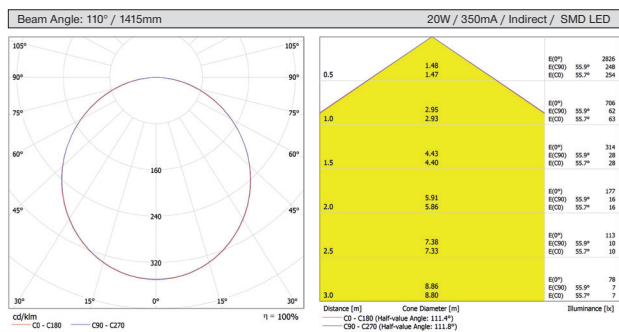
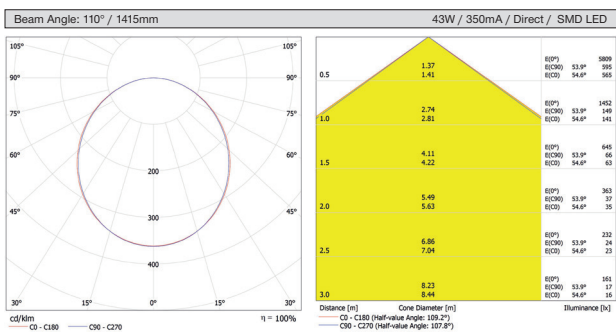
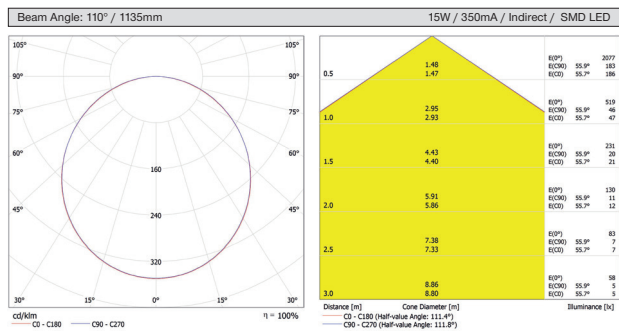
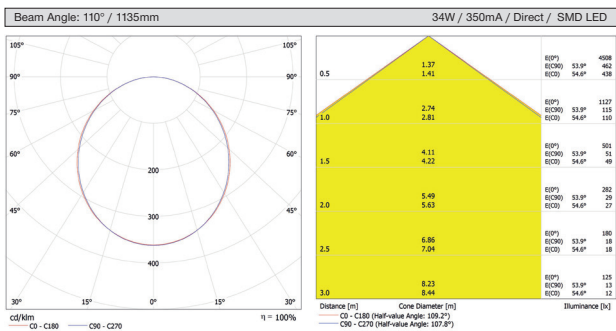
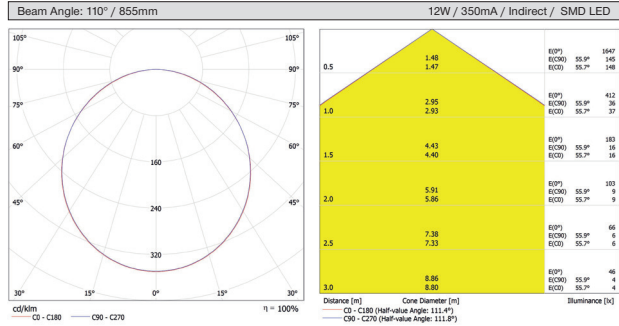
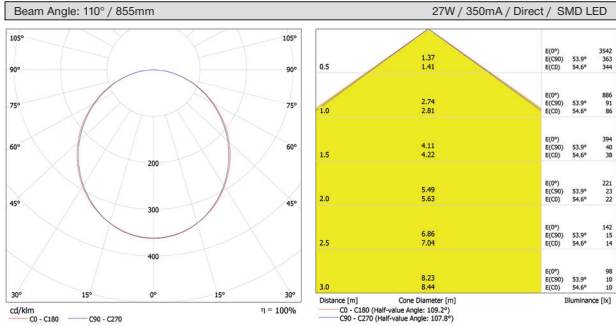


LDT Files / LDT Dataları



102.LL.19183

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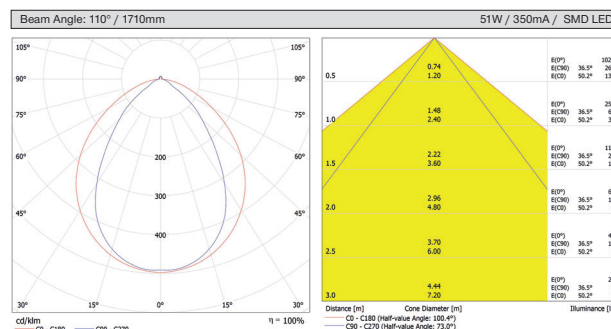
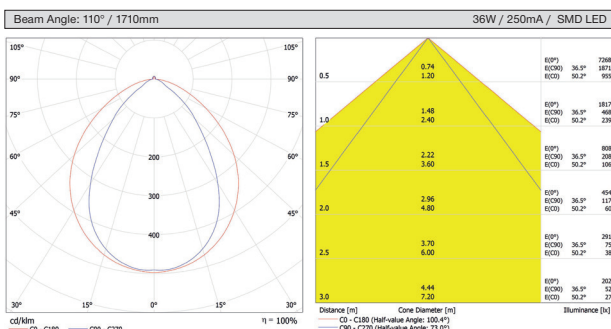
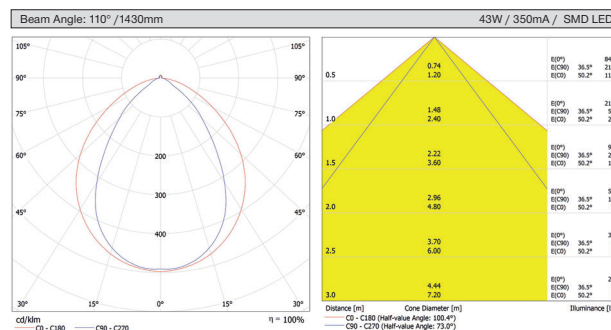
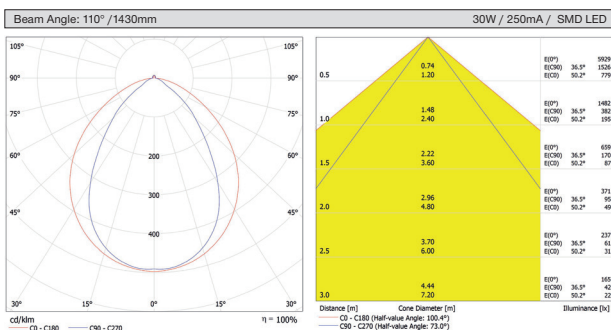
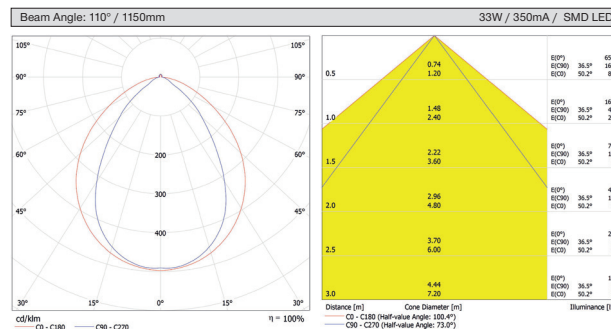
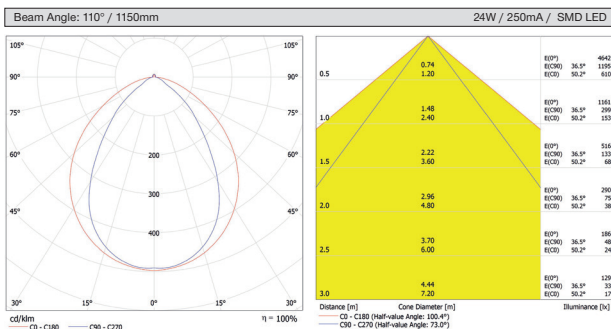
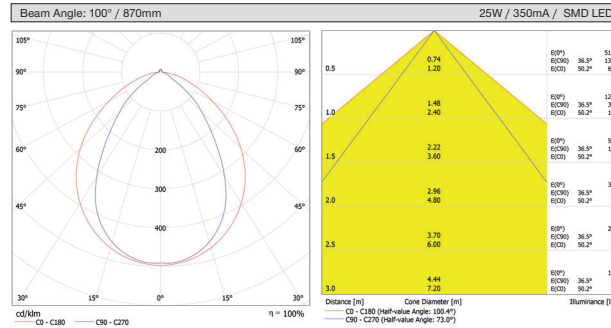
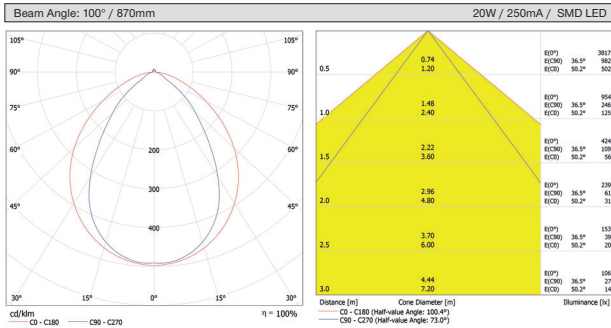
I02.LL.19184



I02.LL.19186



I02.LL.19187



Linea Led Series / Linea Led Serisi

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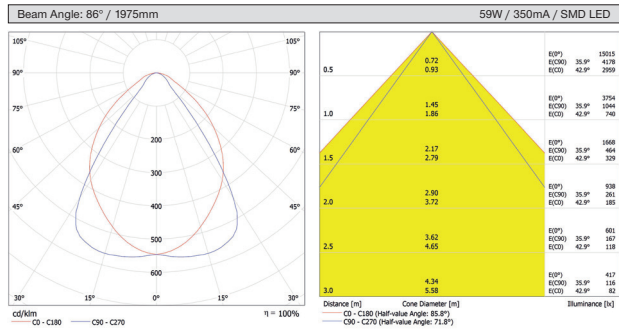
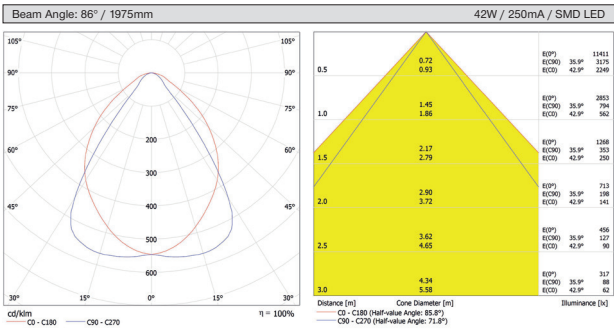
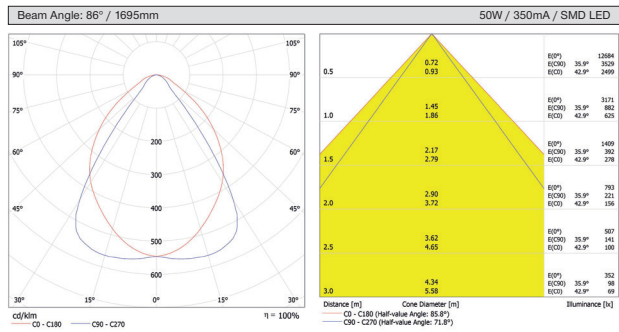
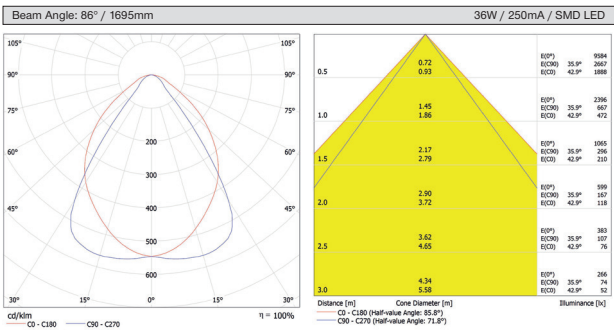
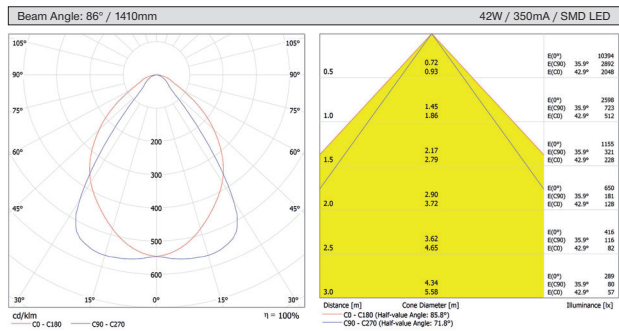
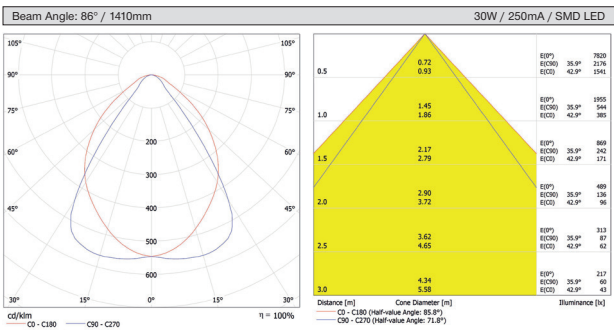
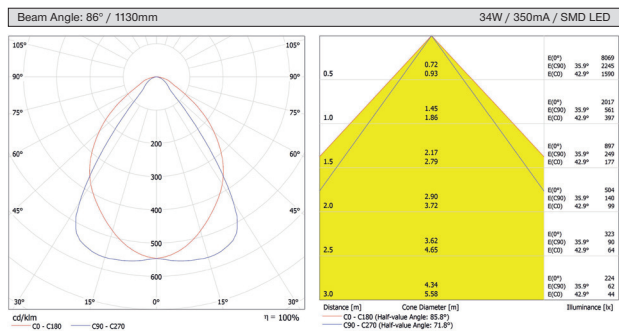
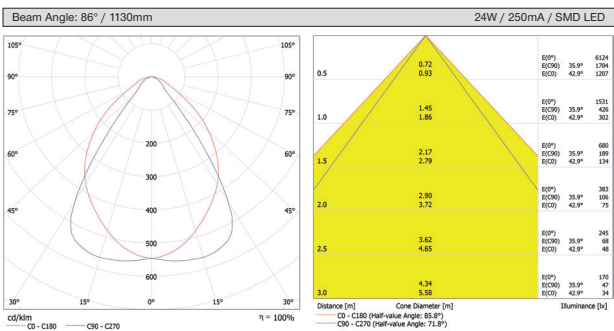
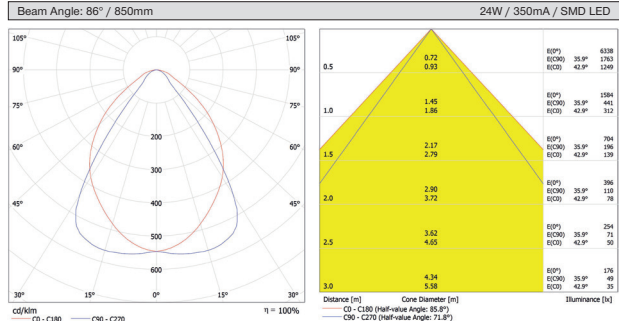
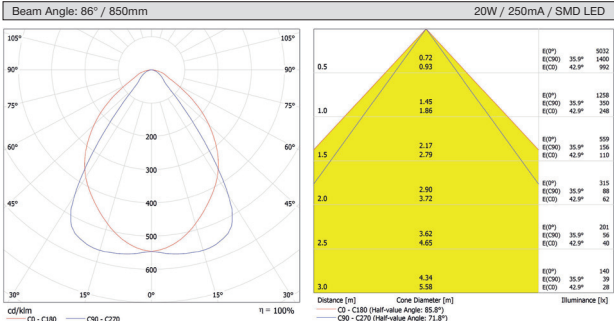
Linea Led Series / Linea Led Serisi



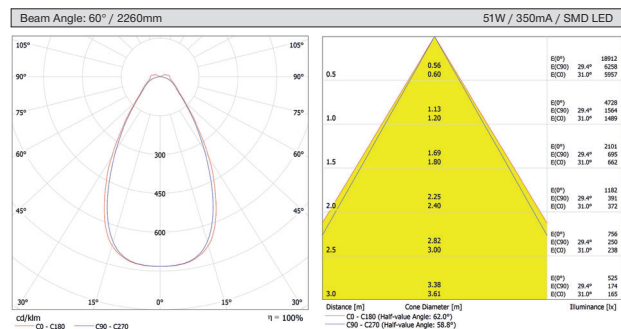
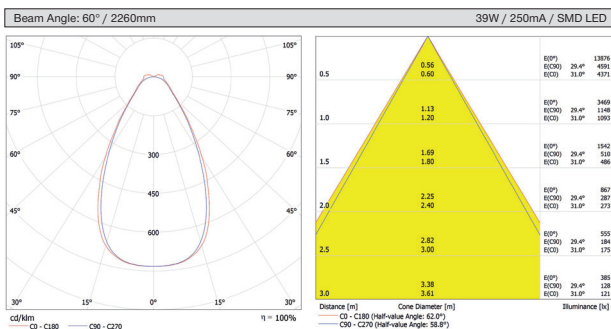
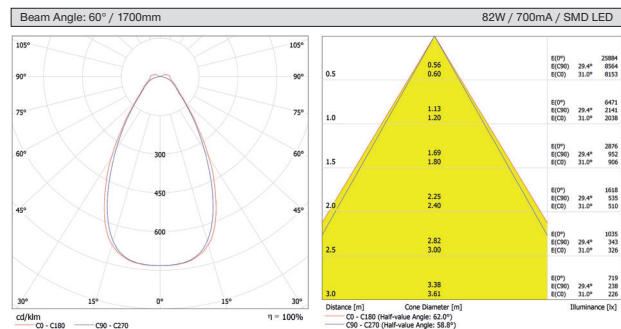
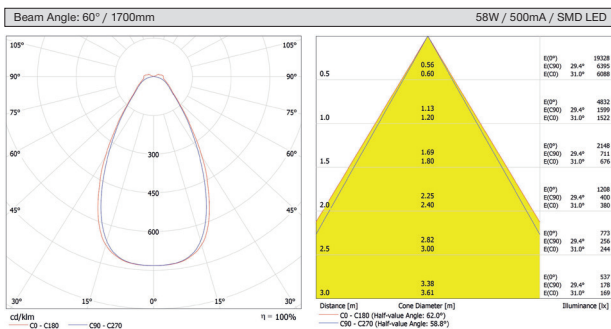
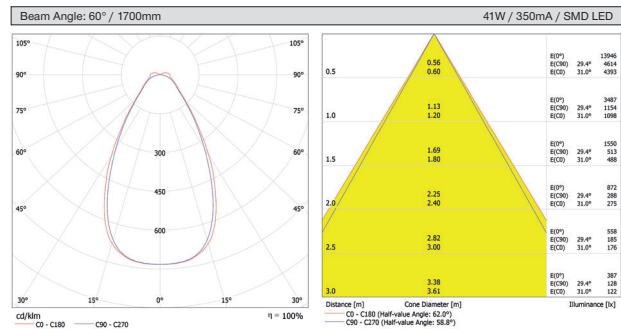
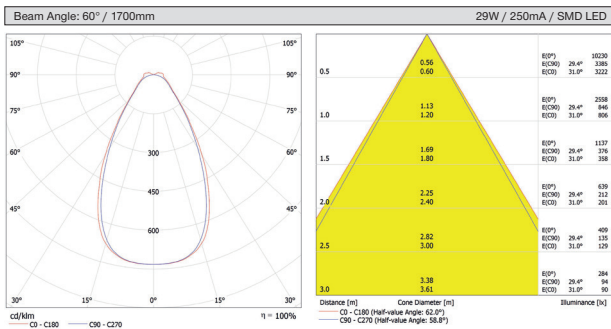
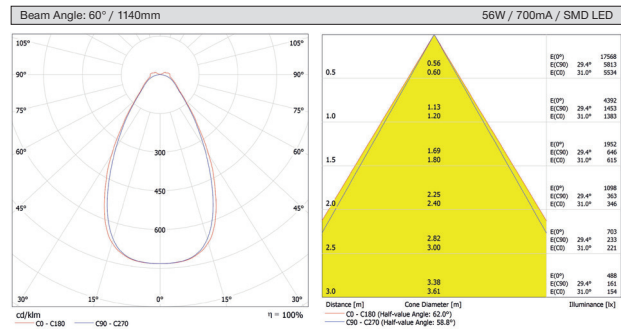
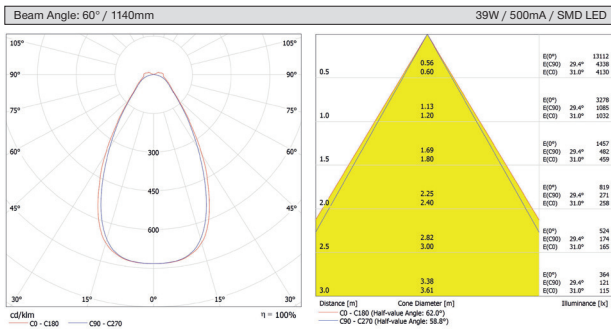
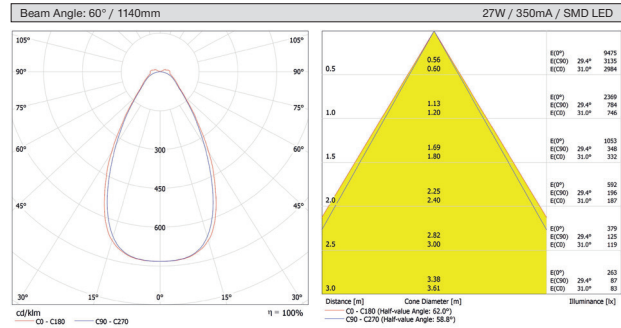
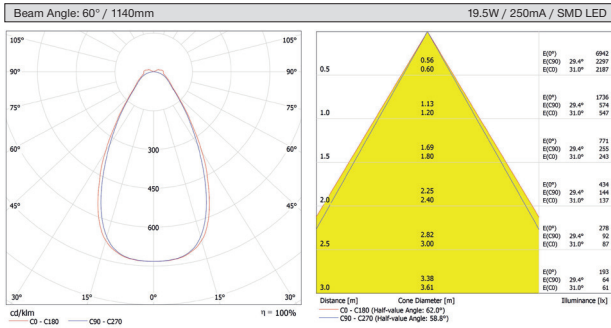
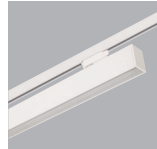
I02.LL.18180

I02.LL.18181

I02.LL.18182



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Linea Led Series / Linea Led Serisi

LDT Files / LDT Dataları

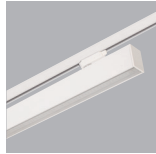
Linea Led Series / Linea Led Serisi



102.LL.19284



102.LL.19286



102.LL.19287

