

## 1.2 ÜRÜN BİLGİ SAYFASI

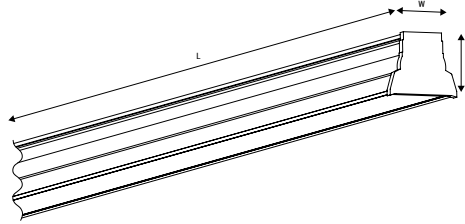
### DATASHEET

# FLAT 1XT5

## FLAT 1XT5- LINEER LED AYDINLATMA ARMATÜRÜ

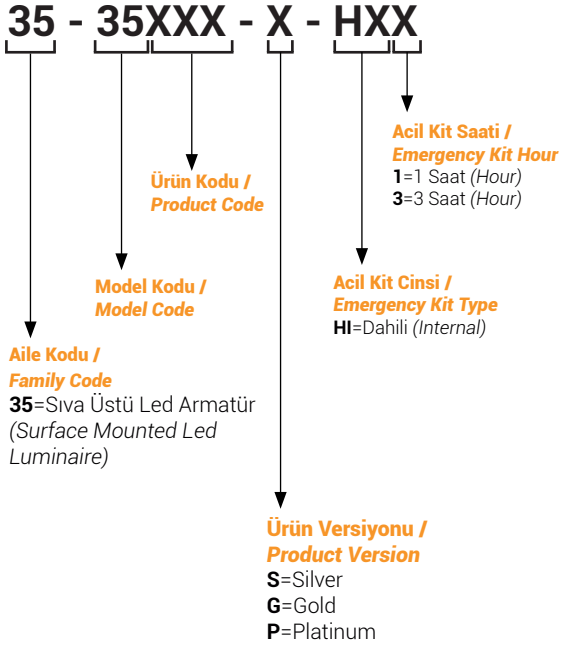
### FLAT 1XT5 - LINEAR LED LIGHTING FIXTURE

### ÖLÇÜLER / DIMENSIONS

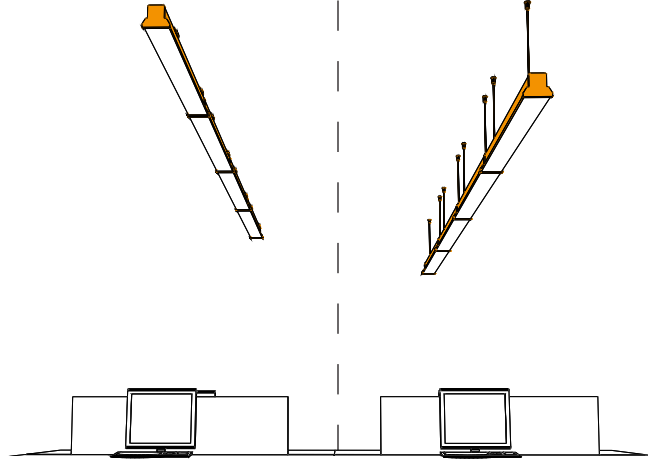


Ürün Kodu / Product Code	Güç / Power (W)	Verim / Efficiency (Lm/W)	Işık Akısı / Luminous Flux (Lm)	Enerji Etiketi / Energy Label	Ürün Ölçü (B,E,Y) / Dimension (L,W,H)	Ürün Ağırlık / Product W. (Kg)	Paket Ölçü (B,E,Y) / Product S. (L,W,H)	Paket Ağırlık / Package W. (Kg)
<b>Silver</b>								
35-35108-S	1x10 W	145 Lm/W	1.450 Lm	C	575x100x85 mm	0,4 Kg	700x190x100 mm	12,8 Kg (32ad/32pcs.)
35-35115-S	1x15 W	145 Lm/W	2.175 Lm	C	1175x100x85 mm	0,7 Kg	1530x190x100 mm	11,2 Kg (16ad/16pcs.)
35-35119-S	1x19 W	145 Lm/W	2.755 Lm	C	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35120-S	2x(1x19 W)	145 Lm/W	5.510 Lm	C	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35125-S	1x27 W	138 Lm/W	3.726 Lm	C	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35126-S	2x(1x27 W)	138 Lm/W	7.452 Lm	C	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)
<b>Gold</b>								
35-35108-G	1x10 W	161 Lm/W	1.610 Lm	B	575x100x85 mm	0,4 Kg	700x190x100 mm	12,8 Kg (32ad/32pcs.)
35-35115-G	1x15 W	161 Lm/W	2.415 Lm	B	1175x100x85 mm	0,7 Kg	1530x190x100 mm	11,2 Kg (16ad/16pcs.)
35-35119-G	1x19 W	161 Lm/W	3.059 Lm	B	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35120-G	2x(1x19 W)	161 Lm/W	6.118 Lm	B	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35125-G	1x27 W	158 Lm/W	4.266 Lm	B	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35126-G	2x(1x27 W)	158 Lm/W	8.532 Lm	B	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)
<b>Platinum</b>								
35-35108-P	1x10 W	184 Lm/W	1.840 Lm	A	575x100x85 mm	0,4 Kg	700x190x100 mm	12,8 Kg (32ad/32pcs.)
35-35115-P	1x15 W	184 Lm/W	2.760 Lm	A	1175x100x85 mm	0,7 Kg	1530x190x100 mm	11,2 Kg (16ad/16pcs.)
35-35119-P	1x19 W	184 Lm/W	3.496 Lm	A	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35120-P	2x(1x19 W)	184 Lm/W	6.992 Lm	A	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35125-P	1x27 W	179 Lm/W	4.833 Lm	A	1450x100x85 mm	0,9 Kg	1530x190x100 mm	14,4 Kg (16ad/16pcs.)
35-35126-P	2x(1x27 W)	179 Lm/W	9.666 Lm	A	2900x100x85 mm	1,8 Kg	3060x190x100 mm	14,4 Kg (16ad/16pcs.)

\*HI1,HI3 acil kit opsiyonu bulunmaktadır. / There is an HI1,HI3 emergency kit option.



Tavan Montaj Aparatlı  
Montaj Modeli / Mounting  
Model with Ceiling  
Mounting Apparatus



Askı Telli Montaj Modeli /  
Suspended Wire Mounting  
Model

## OPTİK ÖZELLİKLER / OPTICAL PROPERTIES

Renk Sıcaklığı / Color Temperature (CCT)	3000-4000-6000K
Işıma Açısı / Beam Angle	C120°
Renk Geri Verim İndeksi / Color Rendering Index (CRI)	>80
Standart Sapma Renk Eşleşmesi / SDCM	MacAdam 3
Difüzör / Diffuser	Opal veya Şeffaf Lamine Polikarbon (PC) Opsiyonel / Opal or Transparent Laminated Polycarbon (PC) (Optional)
Reflektör / Reflector	Anodize Alüminyum (Ultra Safılıkta %99,8 Parlaklık) (Opsiyonel) / Anodized Aluminum (Ultra Purity 99.8% Brightness) (Optional)
Sürücü / Driver	Dahili Sürücü / Internal Drive

## ELEKTRİKSEL ÖZELLİKLER / ELECTRICAL PROPERTIES

Giriş Voltajı, Frekans / Input Voltage, Frequency	180~220 AC/V, 50~60 Hz
Lamba Tipi / Lamp Type	T5 LED Tüp / T5 LED Tube
Güç Faktörü (PF <sub>λ</sub> ) / Power Factor	>95
Acil Aydınlatma / Emergency Lighting	Gövde İçi Dahili ve Harici 1-3 Saat Bataryalı Acil Kit (Opsiyonel), LED Tüp İçi Dahili 1 Saat Bataryalı Acil Kit/ Body Internal & External 1-3 Hours Battery Emergency Kit (Optional), Emergency Lighting Inside LED Tube Internal 1 Hours
Acil Aydınlatma Gücü / Emergency Lighting Power	%10-15
IEC Koruma Sınıfı (Armatür) / IEC Protection Class (Armature)	CLASS (I)
Sensör / Sensor	Harekete & Sese Duyarlı Sensör (Opsiyonel) / Motion & Sound Sensitive Sensor (Optional)
Otomasyon / Automation	Şebeke Girişi Pano veya Harici Kontrol Modülleri ile Kontrol Edilebilir / Mains Input can be Controlled by Panel or External Control Modules
Dimli / Dimmable	Yok / No

## MEKANİK ÖZELLİKLER / MECHANICAL PROPERTIES

Montaj Seçenekleri / Mounting Options	Paslanmaz Yay Çelik Tavan Bağlantısı, İsteğe Bağlı Çeşitli Uzunluklarda Sarkıtma / Stainless Arrow Steel Ceiling Mount, Optional Pendant in Various Lengths TIG
IP - Koruma sınıfı / IP - Protection Class	IP20-IP40
Montaj Tipi / Mounting Type	Sıva Üstü, Sarkıt / Surface Mounted, Pendant
Montaj Yeri / Mounting Location	Tavan / Ceiling
Şebeke Bağlantısı / Network Connection	Faz, Nötr, Toprak Bağlantı (Opsiyonel: 2 Hat, 3 Hat, 4 Hat)/ Phase, Neutral, Ground Connection (Optional: 2 Lines, 3 Lines, 4 Lines)
Uygulama Yüksekliği / Application Height	2.5-4m

## SICAKLIK VE ÇALIŞMA KOŞULLARI / TEMPERATURES AND OPERATING CONDITIONS

Çalışma Isısı (Oda Sıcaklığında) / Working Temperature	-20°C...+45°C
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## DEPOLAMA BİLGİLERİ / STORAGE INFORMATION

Depolamada Sıcaklık Aralığı / Temperature Range at Storage	-30°C...+70°C
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## RENKLER & MATERYAL / COLORS & MATERIAL

Gövde Malzemesi / Body Material	Ekstrüzyon Alüminyum / Extruded Aluminum
Gövde Rengi Seçenekleri / Body Color Options	Siyah (RAL:9005), Beyaz (RAL:9016), Gri (RAL:7035), RAL (Opsiyonel) / Black (RAL:9005), White (RAL:9016), Gray (RAL:7035), RAL (Optional)
Ürün Boyası / Product Paint	Elektrostatik Toz Boya / Electrostatic Powder Coating

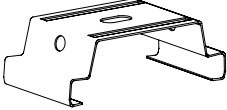
## ÜRÜNÜN YAŞAM SÜRESİ / PRODUCT LIFE TIME

Anahtarlama Döngü Sayısı / Number of Switching Cycles	50.000
Ömür / Lifespan L80/B50 at 25 C°	54.000 h - 63.000 h

## SERTİFİKALAR & STANDARTLAR / CERTIFICATES & STANDARDS

Koruma Sınıfı IK (Şok Direnci) / Protection Class IK (Shock Resistance)	IK 03
Sertifikasyon / Certification	ISO 9001, LVD, EMC, CE, RoHS

## EKİPMAN & AKSESUARLAR / EQUIPMENT & ACCESSORIES



Tavan Bağlantı Klipsi-Tekli / Ceiling Fastening Clip-Single






Askı Teli / Suspended Wire



LED Tüp / LED Tube

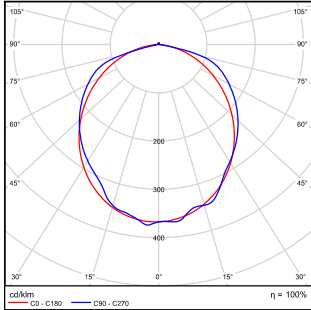
## OPSİYONLAR / OPTIONS

	Askı Teli / Suspended Wire	0,4mm paslanmaz yay çeliğinden üretilir. Vidalama veya askı için uygundur. Max. yük taşıma 9kg'dır./It is produced from 0,4mm stainless spring steel. Suitable for screwing or hanging. Max. load carrying is 9kg.
	Tavan Bağlantı Klipsi (Tekli) / Ceiling Fastening Clip (Single)	0,4mm galvanizli paslanmaz metalden üretilir. Armatürler arası kolay bağlantı sağlar. Esneme yapmaz./It is produced from 0,4mm galvanized stainless metal. It provides easy connection between luminaires. Does not yawn.
	T5 LED Tüp / T5 LED Tube	>50.000h ömür, floresana göre %80'e yakın tasarruf, hareket-ışık sensörü ve dahili 1-3 saat acil kite sahiptir./Lifespan >50.000h, savings of nearly 80% compared to fluorescent, motion-light sensor and 1-3 hours emergency kit.

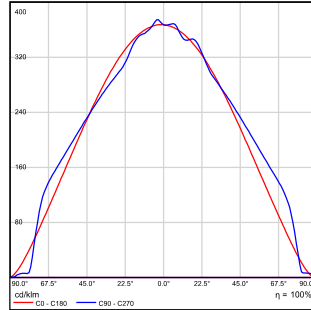
## TESTLER / TESTS

### Işık Dağılımı/ Light Distribution

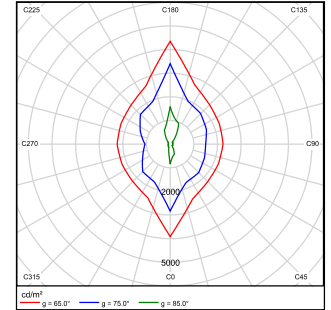
Işık Yayımları 1 - Polar LVK Light Light  
Emission 1 - Polar LVK



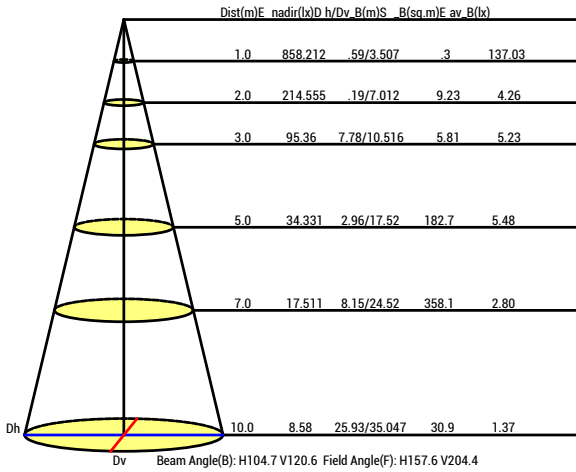
Işık Yayımları 1 - Lineer LVK  
Light emission 1 - Polar LVK



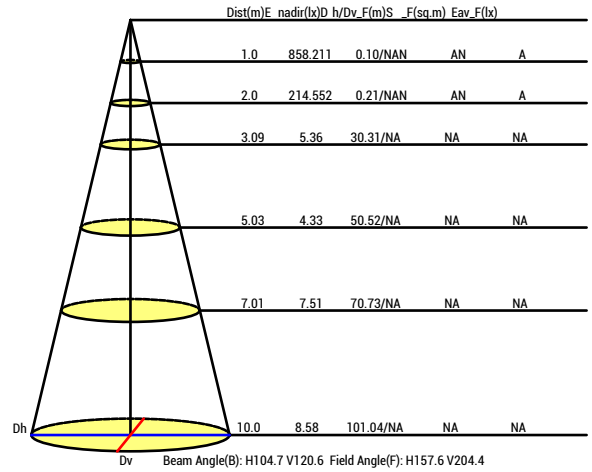
Işık Yayımları 1 - Işıklık Diagramı  
Light emission 1 - Skylight Diagram



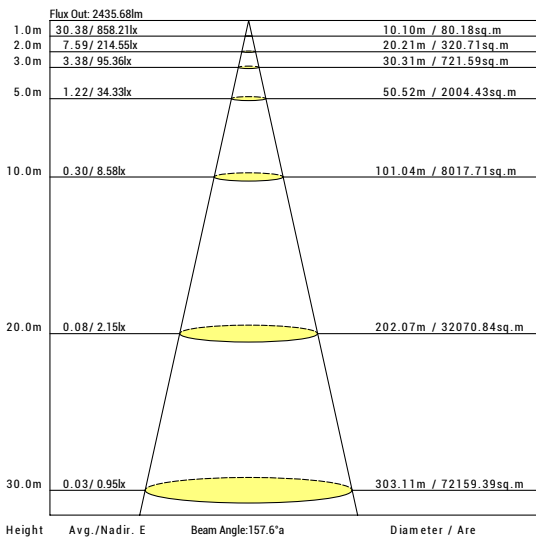
### Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



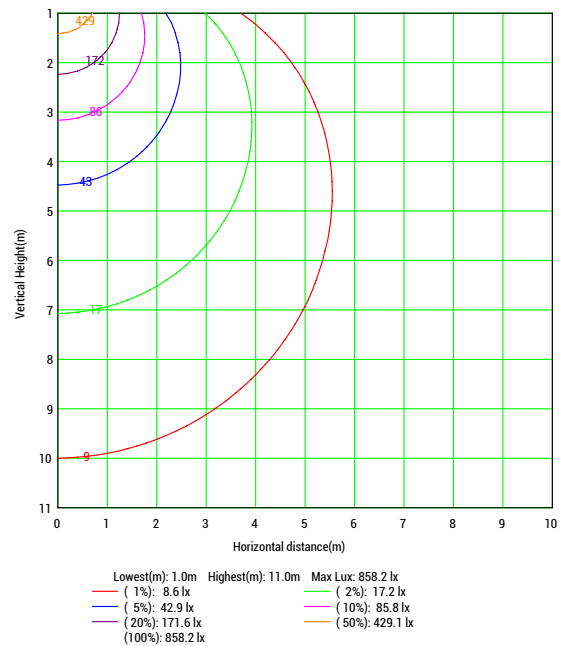
### Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



### Ortalama Aydınlık Etkili Şekil / The Average Illuminance Effective Figure



### Dikey IsoLux Grafiği / Vertical IsoLux Plot



\*FLAT 1xT5 35-35119-G ürünün ölçümleridir./ \*The measurements of the FLAT 1xT5 35-35119-G product.

**ÜRÜN FOTOĞRAFLARI / PRODUCT PHOTOS**



**REFERANSLAR & LİNKLER / REFERENCES & LINKS**



[www.karmalighting.com](http://www.karmalighting.com)



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