1.2 ÜRÜN BİLGİ SAYFASI

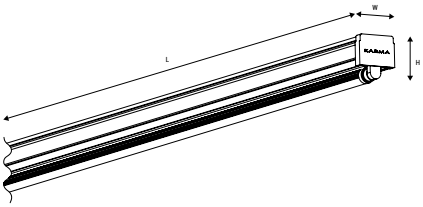
DATASHEET

ECO PL

ECO PL T5 - LINEER LED AYDINLATMA ARMATÜRÜ

ECO PL T5 - 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)*
Silver								
35-36119-SE	1x19 W	145 Lm/W	2.755 Lm	C	1475x55x60 mm	0,6 Kg	1530x190x100 mm	3,6 Kg (16ad/16pcs.)
35-36120-SE	2x(1x19 W)	145 Lm/W	5.510 Lm	C	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36125-SE	1x22 W	142 Lm/W	3.124 Lm	C	1475x55x60 mm	0,7 Kg	1530x190x100 mm	13,3 Kg (16ad/16pcs.)
35-36126-SE	2x(1x22 W)	142 Lm/W	6.248 Lm	C	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36127-SE	1x27 W	138 Lm/W	3.726 Lm	C	1475x55x60 mm	0,6 Kg	1530x190x100 mm	3,6 Kg (16ad/16pcs.)
35-36128-SE	2x(1x27 W)	138 Lm/W	7.452 Lm	C	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36135-SE	1x35 W	132 Lm/W	4.620 Lm	D	1475x55x60 mm	0,6 Kg	1530x190x100 mm	13,3 Kg (16ad/16pcs.)
35-36136-SE	2x(1x35 W)	132 Lm/W	9.240 Lm	D	2950x55x60 mm	1,3 Kg	3060x190x100 mm	3,6 Kg (16ad/16pcs.)
Gold								
35-36119-GE	1x19 W	161 Lm/W	3.059 Lm	B	1475x55x60 mm	0,6 Kg	1530x190x100 mm	3,6 Kg (16ad/16pcs.)
35-36120-GE	2x(1x19 W)	161 Lm/W	6.118 Lm	B	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36125-GE	1x22 W	159 Lm/W	3.498 Lm	B	1475x55x60 mm	0,7 Kg	1530x190x100 mm	13,3 Kg (16ad/16pcs.)
35-36126-GE	2x(1x22 W)	159 Lm/W	6.996 Lm	B	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36127-GE	1x27 W	158 Lm/W	4.266 Lm	B	1475x55x60 mm	0,6 Kg	1530x190x100 mm	3,6 Kg (16ad/16pcs.)
35-36128-GE	2x(1x27 W)	158 Lm/W	8.532 Lm	B	2950x55x60 mm	1,3 Kg	3060x190x100 mm	10,4 Kg (8ad/8pcs.)
35-36135-GE	1x35 W	145 Lm/W	5.075 Lm	C	1475x55x60 mm	0,6 Kg	1530x190x100 mm	13,3 Kg (16ad/16pcs.)
35-36136-GE	2x(1x35 W)	145 Lm/W	10.150 Lm	C	2950x55x60 mm	1,3 Kg	3060x190x100 mm	3,6 Kg (16ad/16pcs.)

*HE1,HE3,HI1 acil kit opsiyonu bulunmaktadır. / *There is an HE1,HE3,HI1emergency kit option.*

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35 - 36XXX - XX - HXX

Aile Kodu /
Family Code
35=Sıva Üstü Led Armatür
(Surface Mounted Led Luminaire)

Model Kodu /
Model Code

Ürün Kodu /
Product Code

Ürün Versiyonu /
Product Version
SE=Silver
GE=Gold

Acil Kit Cinsi /
Emergency Kit Type
HI=Dahili *(Internal)*
HE=Harici *(External)*

Acil Kit Saati /
Emergency Kit Hour
1=1 Saat *(Hour)*
3=3 Saat *(Hour)*

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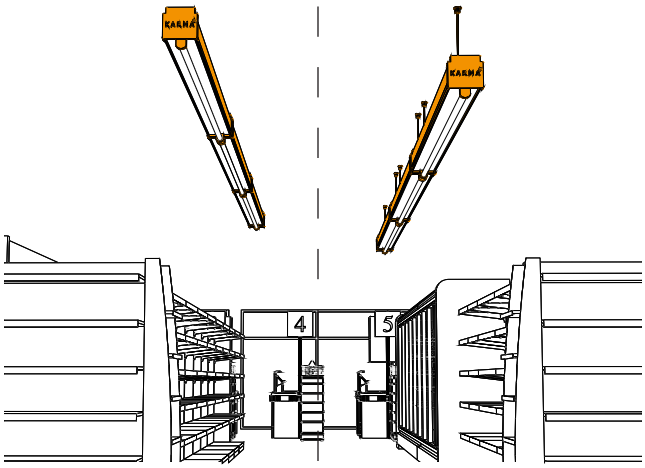
Tavan Montaj Aparatlı Montaj Modeli / *Mounting Model with Ceiling Mounting Apparatus*



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
Sürücü / *Driver*	Dahili Sürücü / *Internal Drive*

ELEKTRİKSEL ÖZELLİKLER / *ELECTRICAL PROPERTIES*

Giriş Voltajı, Frekans / *Input Voltage, Frequency*	180~240 AC/V, 50~60 Hz
Lamba Tipi / *Lamp Type*	T5 LED Tüp / *T5 LED Tube*
Güç Faktörü (PFλ) / *Power Factor*	>95
Acil Aydınlatma / *Emergency Lighting*	Gövde İçi Dahili veya 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
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*	2,4~4 m

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SICAKLIK VE ÇALIŞMA KOŞULLARI / *TEMPERATURES AND OPERATING CONDITIONS*

Çalışma Isısı (Oda Sıcaklığında) / *Working Temperature*	-20°C...+45°C

DEPOLAMA BİLGİLERİ / *STORAGE INFORMATIONS*

Depolamada Sıcaklık Aralığı / *Temperature Range at Storage*	-30°C...+70°C

RENKLER & MATERYAL / *COLORS & MATERIAL*

Gövde Malzemesi / *Body Material*	Alüminyum Ekstrüzyon / *Aluminum Extrusion*
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*

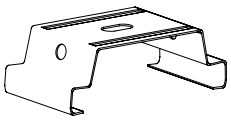
ÜRÜNÜN YAŞAM SÜRESİ / *PRODUCT LIFE TIME*

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

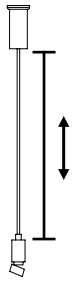
SERTİFİKALAR & STANDARTLAR / *CERTIFICATES & STANDARDS*

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

EKİPMAN & AKSESUARLAR / *EQYIOMENT & ACCESSORIES*

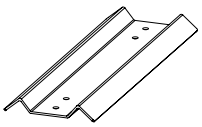


Tavan Bağlantı Klipsi-Tekli / *Ceiling Fastening Clip-Single*

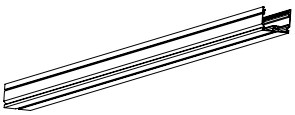


Askı Teli / *Suspended Wire*

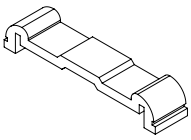
LED Tüp / *LED Tube*



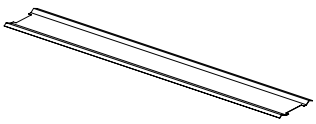
Ara Köprü / *Intermediate Bridge*



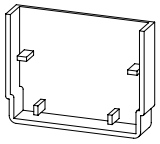
Profil / *Profile*



Kablo Tutucu / *Cable Holder*



Reflektör / *Reflector*



Yan Kapak / *Side Cover*

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.*

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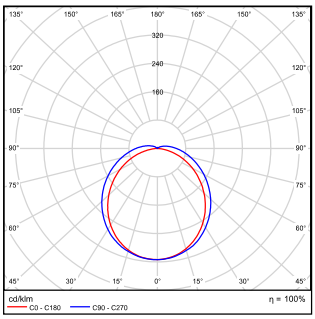
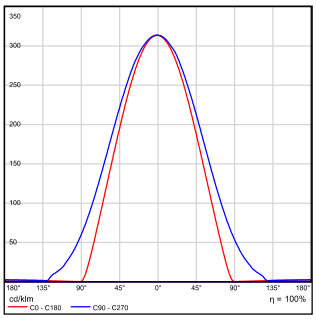
TESTLER / *TESTS*

Işık Dağılımı/ *Light Distribution*

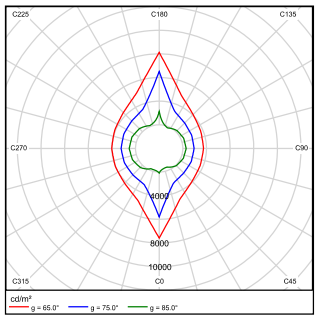
Işık Yayımı 1 - Polar LVK *Light Light Emission 1 - Polar LVK*



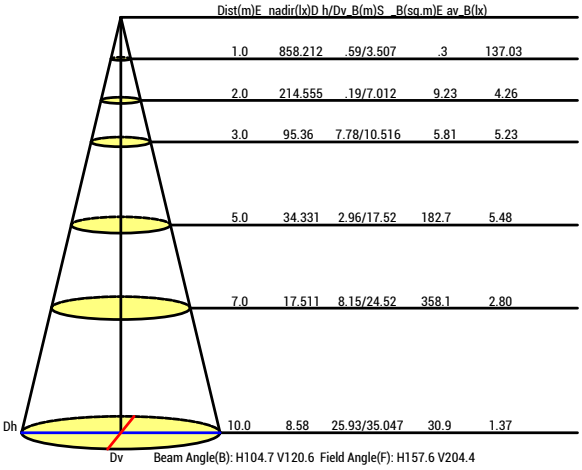
Işık Yayımı 1 - Lineer LVK
Light emission 1 - Polar LVK



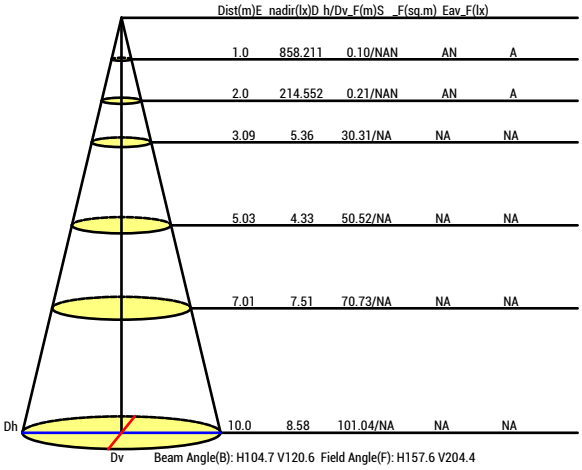
Işık Yayımı 1 - Işıklık Diagramı
Light emission 1 - Skylight Diagram



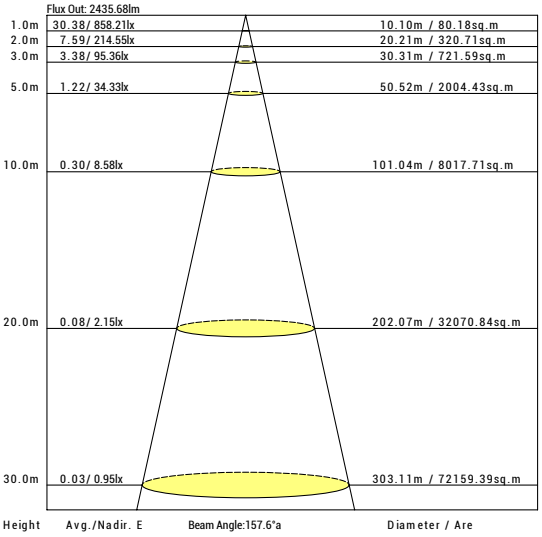
Uzaktaki Parlaklık (Işın Açısı) /
Illuminance at a Distance (Beam Angle)



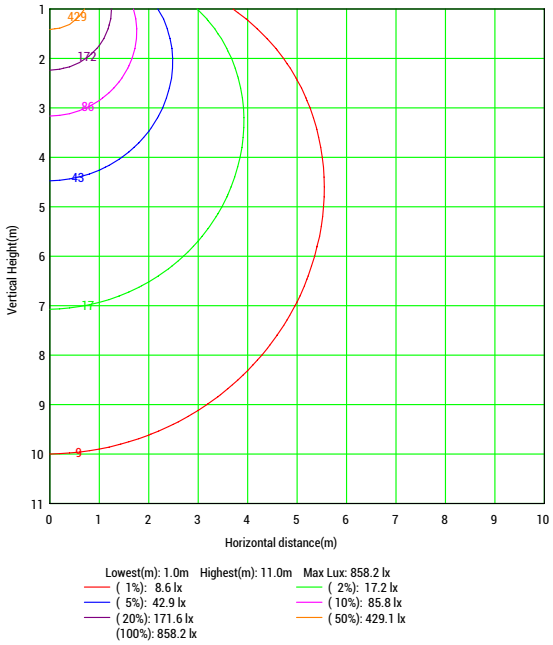
Uzaktaki Parlaklık (Alan Açısı) /
Illuminance at a Distance (Field Angle)



Ortalama Aydınlık Etkili Şekil /
The Average Illuminance Effective Figure



Dikey IsoLux Grafiği /
Vertical IsoLux Plot



*ECO PL 35-36119-GE ürünün ölçümleridir./ **The measurements of the ECO PL 35-36119-GE product.*

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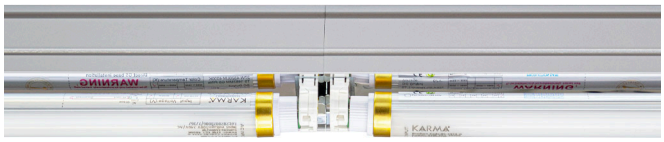
ÜRÜN FOTOĞRAFLARI / *PRODUCT PHOTOS*



REFERANSLAR & LİNKLER / *REFERENCES & LINKS*

www.karmalighting.com

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