

1.2 ÜRÜN BİLGİ SAYFASI

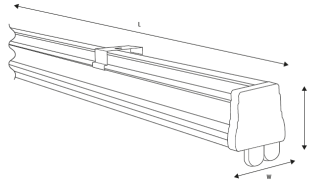
DATASHEET

ECOLINE 2xT5

ECOLINE 2xT5-LİNEER LED PROFİL AYDINLATMA ARMATÜRÜ

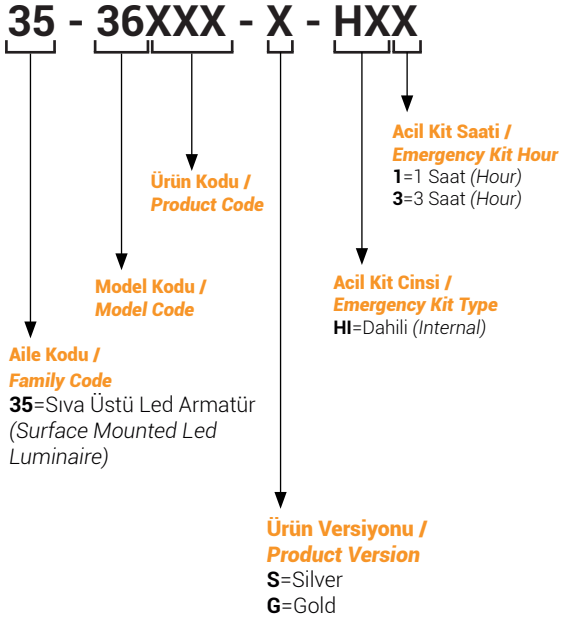
ECOLINE 2xT5- LINEAR LED PROFILE LIGHTING FIXTURE

ÖLÇÜLER / DIMENSIONS

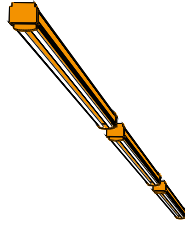


| Ürün Kodu / Product Code | Güç / Power (W) | Verim / Efficiency (Lm/W) | Işık Akısı / Luminous Flux (Lm) | Enerji Etiketi / Energy Label | Ürün Ölçü (B,E,Y) / Dimension (L,W,H) | Ürün Ağırlık / Product W. (Kg) | Paket Ölçü (B,E,Y) / Product S. (L,W,H) | Paket Ağırlık / Package W. (Kg) |
|-----------------------------|-----------------------|---------------------------------|---------------------------------------|--|--|--------------------------------------|--|---------------------------------------|
| Silver | | | | | | | | |
| 35-36215-S | 2x15 W | 145 Lm/W | 4.350 Lm | C | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36219-S | 2x19 W | 145 Lm/W | 5.510 Lm | C | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36220-S | 2x(2x19 W) | 145 Lm/W | 11.020 Lm | C | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| 35-36222-S | 2x22 W | 142 Lm/W | 6.248 Lm | C | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36223-S | 2x(2x22 W) | 142 Lm/W | 12.496 Lm | C | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| 35-36225-S | 2x27 W | 138 Lm/W | 7.452 Lm | C | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36226-S | 2x(2x27 W) | 138 Lm/W | 14.904 Lm | C | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| Gold | | | | | | | | |
| 35-36215-G | 2x15 W | 161 Lm/W | 4.830 Lm | B | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36219-G | 2x19 W | 161 Lm/W | 6.118 Lm | B | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36220-G | 2x(2x19 W) | 161 Lm/W | 12.236 Lm | B | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| 35-36222-G | 2x22 W | 159 Lm/W | 6.996 Lm | B | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36223-G | 2x(2x22 W) | 159 Lm/W | 13.992 Lm | B | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| 35-36225-G | 2x27 W | 158 Lm/W | 8.532 Lm | B | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36226-G | 2x(2x27 W) | 158 Lm/W | 17.064 Lm | B | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |
| 35-36235-G | 2x35 W | 145 Lm/W | 10.150 Lm | C | 1475x70x60 mm | 0,89 Kg | 1530x190x100 mm | 14,2 Kg (16ad/16pcs.) |
| 35-36236-G | 2x(2x35 W) | 145 Lm/W | 20.300 Lm | C | 2950x70x60 mm | 1,77 Kg | 3060x190x100 mm | 14,1 Kg (8ad/8pcs.) |

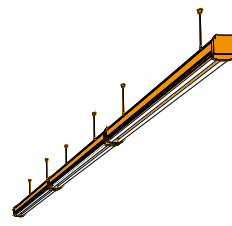
*HI1,HI1 acil kit opsiyonu bulunmaktadır. / There is an HI1,HI3 emergency kit option.



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) | >82 |
| Difüzör / Diffuser | Opal - Şeffaf Akrilik PMMA - Polikarbonat PC / Opal - Clear Acrylic PMMA - Polycarbonate PC |
| Standart Sapma Renk Eşleşmesi / SDCM | MacAdam 3 |
| Sürücü / Driver | Dahili Sürücü / Internal Drive |

ELEKTRİKSEL ÖZELLİKLER / ELECTRICAL PROPERTIES

| | |
|---|---|
| Giriş Voltajı, Frekans / Input Voltage, Frequency | 100~240 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 1-3 Saat Bataryalı Acil Kit (Opsiyonel), Acil Aydınlatma LED Tüp İçi Dahili 1-3 Saat (Opsiyonel) / Internal Body Internal 1-3 Hours Battery Emergency Kit (Optional), Emergency Lighting Inside LED Tube Internal 1-3 Hours (Optional) |
| Acil Aydınlatma Gücü / Emergency Lighting Power | 3w (+%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 veya İstenilen Uzunlukta Sarkıtma / Stainless Arrow Steel Ceiling Mount or Suspended in Desired Length |
| 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 | 4x1 Hop ve Monofaz Topraklı Bağlantı / 4x1 Hop and Single Phase Ground Connection |
| Uygulama Yüksekliği / Application Height | 2.5-4m |

SICAKLIK VE ÇALIŞMA KOŞULLARI / TEMPERATURES AND OPERATING CONDITIONS

| | |
|--|---------------|
| Çalışma Isısı (Oda Sıcaklığında) / Working Temperature | -20°C...+50°C |
|--|---------------|

DEPOLAMA BİLGİLERİ / STORAGE INFORMATION

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

RENKLER & MATERYAL / COLORS & MATERIAL

| | |
|--|---|
| Gövde Malzemesi / Body Material | Alüminyum Ekstrüzyon Profil / Aluminum Extrusion Profile |
| Gövde Rengi Seçenekleri / Body Color Options | Siyah (RAL:9005), Beyaz (RAL:9006), Metal-Gri (RAL:9016), Koyu Gri (RAL:7043) / Black (RAL:9005), White (RAL:9006), Metal-Gray (RAL:9016), Dark Gray (RAL:7043) |
| Ürün Boyası / Product Paint | Elektrostatik Toz Boya / Electrostatic Powder Coating |

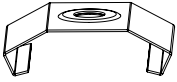
ÜRÜNÜN YAŞAM SÜRESİ / PRODUCT LIFE TIME

| | |
|---|----------|
| Anahtarlama Döngü Sayısı / Number of Switching Cycles | 5.000 h |
| Ömür / Lifespan L80/B50 at 25 C° | 54.000 h |

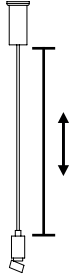
SERTİFİKALAR & STANDARTLAR / CERTIFICATES & STANDARDS

| | |
|---|------------------------------|
| Koruma Sınıfı IK (Şok Direnci) / Protection Class IK (Shock Resistance) | IK 08 |
| 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

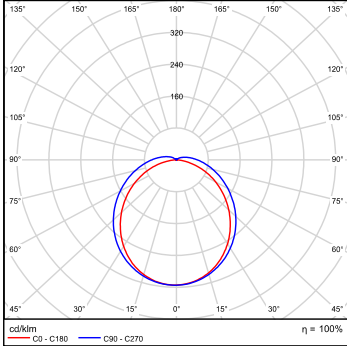
OPSİYONLAR / OPTIONS

| | |
|--|--|
|  T5 LED Tüp / T5 LED Tube | Sabit&dönebilen uç kapak, >50.000h ömür, floresana göre %80'e yakın tasarruf, hareket-ışık sensörü ve dahili 1-3 saat acil kite sahiptir./It has fixed&rotatable end cap, lifespan >50.000h, savings of nearly 80% compared to fluorescent, motion-light sensor and 1-3 hours emergency kit. |
|  Tavan Bağlantı Klipsi (Tekli) / Ceiling Fastening Clip (Single) | 1,5mm galvanizli paslanmaz metalden üretilir. Armatürler arası kolay bağlantı sağlar. Esneme yapmaz./It is produced from 1.5mm galvanized stainless metal. It provides easy connection between luminaires. Does not yaw. |
|  Askı Teli / Suspended Wire | 0,40mm paslanmaz yay çeliğinden üretilir. Vidalama veya askı için uygundur. Max. yük taşıma 9kg'dır./It is produced from 0.40mm stainless spring steel. Suitable for screwing or hanging. Max. load carrying is 9kg. |

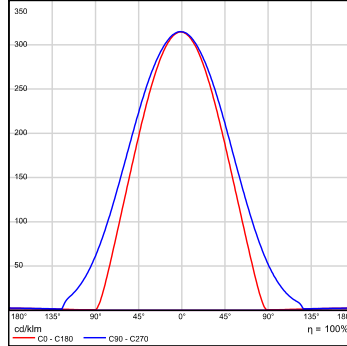
TESTLER / TESTS

Işık Dağılımı/ Light Distribution

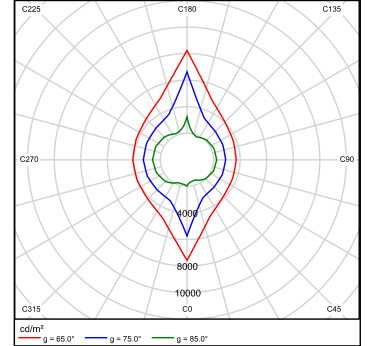
Işık Yayımlı 1 - Polar LVK Light Light
Emission 1 - Polar LVK



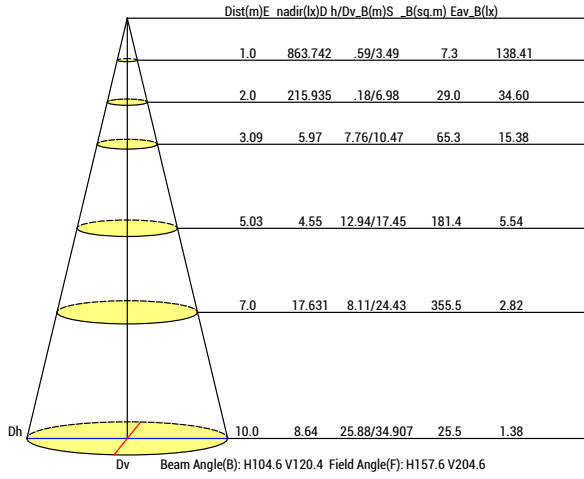
Işık Yayımlı 1 - Linear LVK
Light emission 1 - Polar LVK



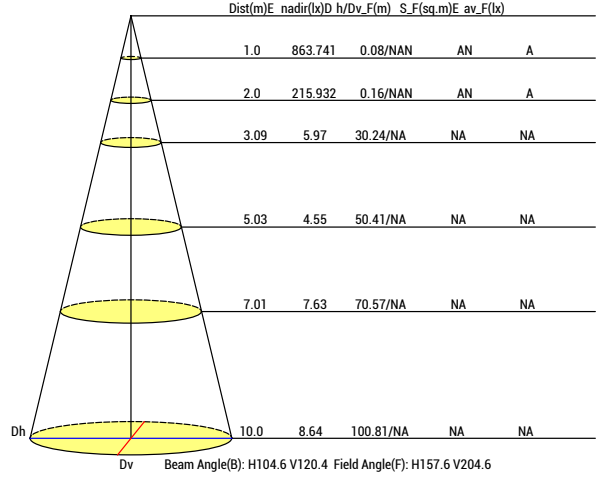
Işık Yayımlı 1 - Işıklık Diagramı
Light emission 1 - Skylight Diagram



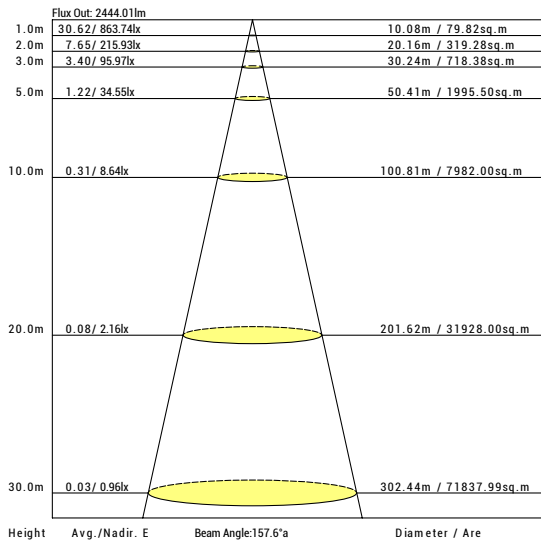
Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



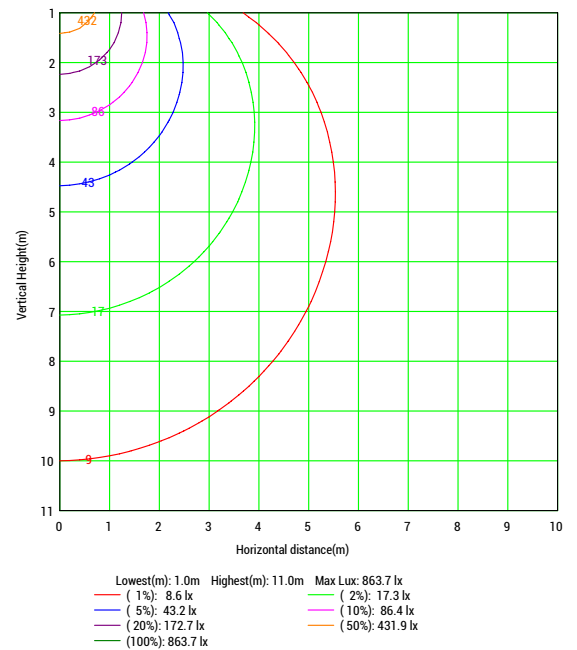
Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



Ortalama Aydınlık Etkili Şekil / The Average Illuminance Effective Figure



Dikey IsoLux Grafiği / Vertical IsoLux Plot



*EcoLine 2xT5 35-36215-G ürünün ölçümleridir./ *The measurements of the EcoLine 2xT5 35-36219-G product.

ÜRÜN FOTOĞRAFLARI / PRODUCT PHOTOS



REFERANSLAR & LİNKLER / REFERENCES & LINKS



www.karmalighting.com



KARMA Lighting



karma.lighting



KarmaLighting



karma.lighting.global



Karma LED Lighting