

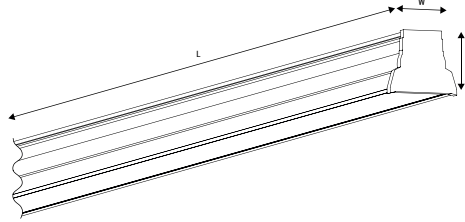
## 1.2 ÜRÜN BİLGİ SAYFASI

### DATASHEET

# FLAT 1XT5

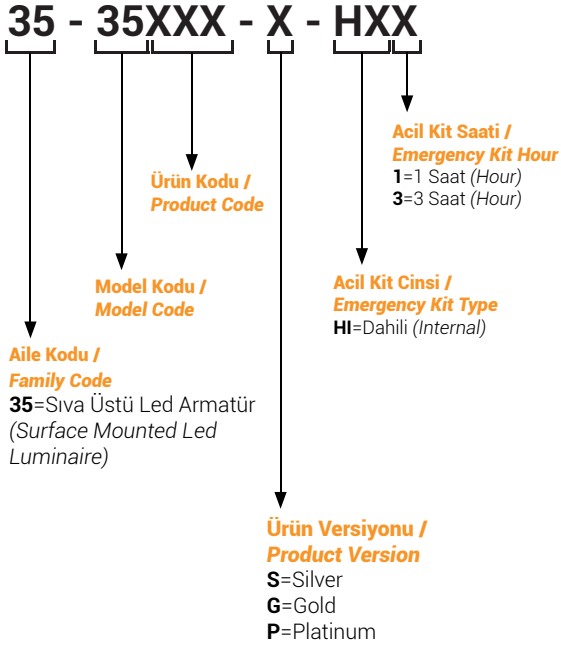
**FLAT 1XT5- LINEER LED AYDINLATMA ARMATÜRÜ**  
FLAT 1XT5 - LINEAR LED LIGHTING FIXTURE

#### ÖLÇÜLER / DIMENSIONS

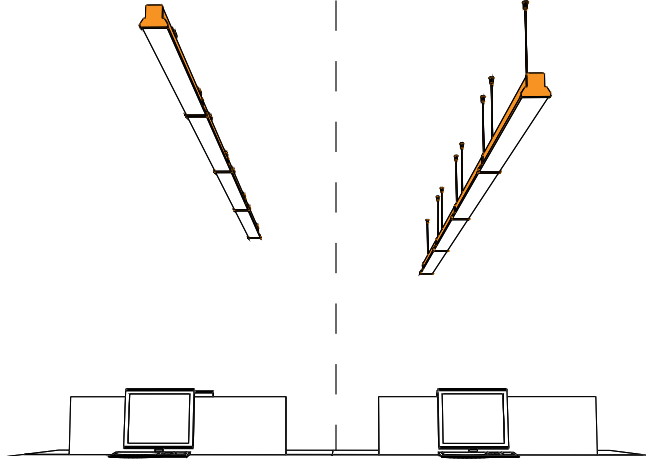


| Ürün Kodu /<br>Product Code | Güç /<br>Power<br>(W) | Verim /<br>Efficiency<br>(Lm/W) | Işık Akısı /<br>Luminous<br>Flux<br>(Lm) | Enerji<br>Etiketi /<br>Energy<br>Label | Ürün Ölçü<br>(B,E,Y) /<br>Dimension<br>(L,W,H) | Ürün Ağırlık /<br>Product W.<br>(Kg) | Paket Ölçü<br>(B,E,Y) /<br>Product S.<br>(L,W,H) | Paket Ağırlık /<br>Package W.<br>(Kg) |
|-----------------------------|-----------------------|---------------------------------|--|--|--|--------------------------------------|--|---------------------------------------|
| 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.)                 |
| 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 (PFλ) / 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 |
|--|---------------|

## DEPOLAMA BİLGİLERİ / STORAGE INFORMATION

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

## 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   |

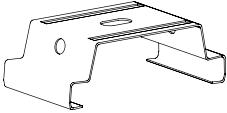
## ÜRÜNÜN YAŞAM SÜRESİ / PRODUCT LIFE TIME

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

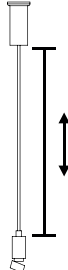
## SERTİFİKALAR & STANDARTLAR / CERTIFICATES & STANDARDS

|   |                              |
|---|------------------------------|
| 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

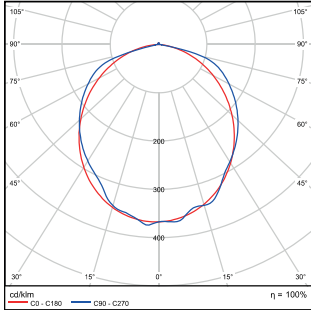
## OPSİYONLAR / OPTIONS

|   |   |  |
|---|---|--|
|  | 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. |

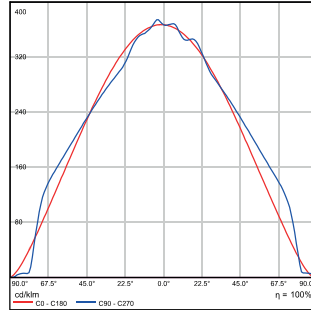
## TESTLER / TESTS

### Işık Dağılımı/ Light Distribution

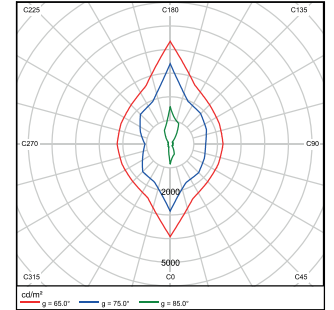
Işık Yayımları 1 - Polar LVK Light Light  
Emission 1 - Polar LVK



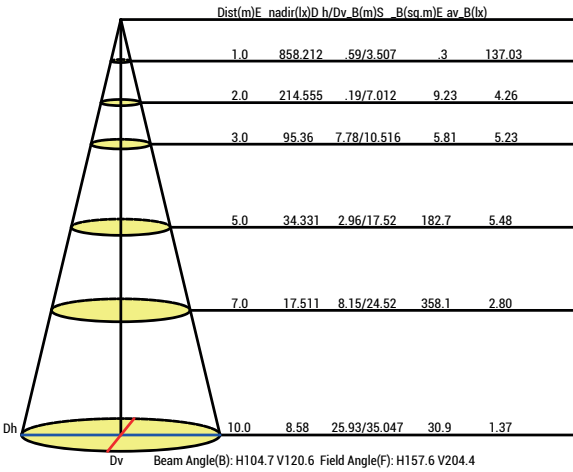
Işık Yayımları 1 - Lineer LVK  
Light emission 1 - Polar LVK



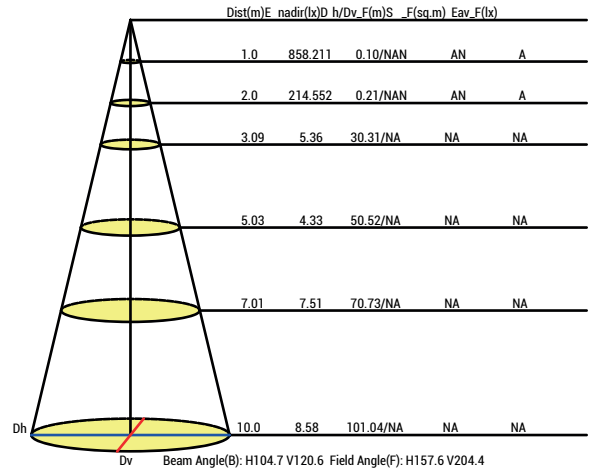
Işık Yayımları 1 - Işıklık Diagramı  
Light emission 1 - Skylight Diagram



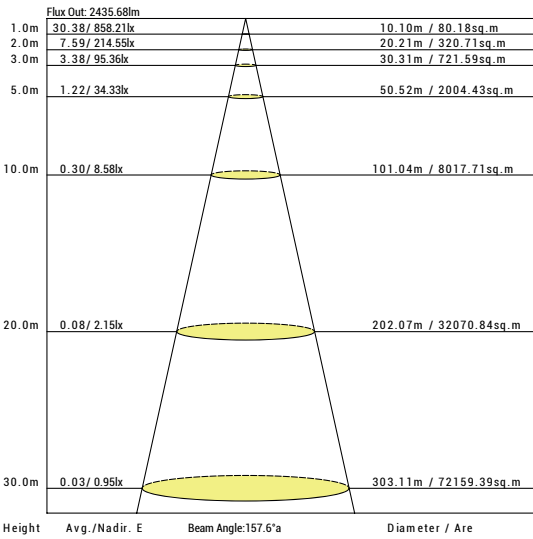
### Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



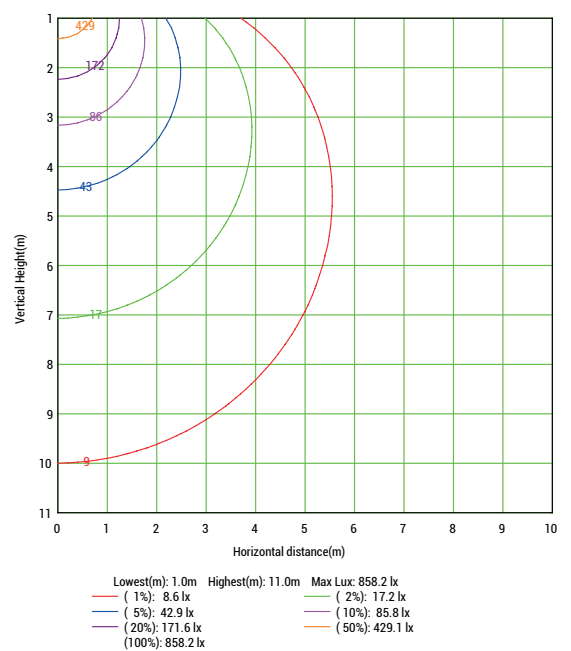
### Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



### 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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