

1.2 ÜRÜN BİLGİ SAYFASI

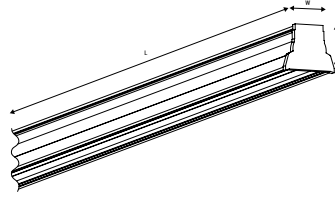
DATASHEET

FLAT 2XT5

FLAT 1XT5- LINEER LED AYDINLATMA ARMATÜRÜ

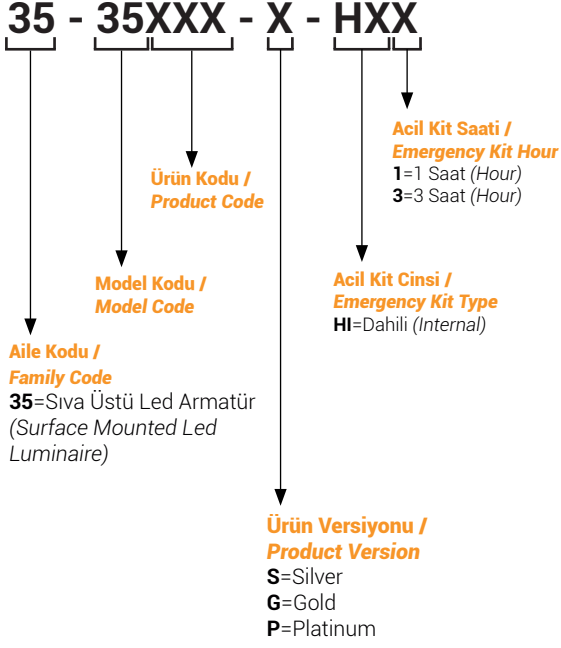
FLAT 1XT5 - LINEAR LED LIGHTING FIXTURE

ÖLÇÜLER / DIMENSIONS

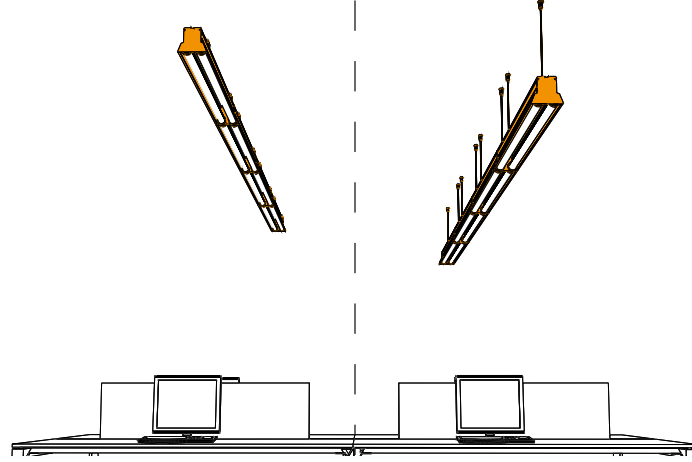


Ürün Kodu / Product Code	Güç / Power (W)	Verim / Efficiency (Lm/W)	Işık Akısı / Luminous Flux (Lm)	Enerji Etiketi / Energy Label	Ürün Ölçü (B,E,Y) / Dimension (L,W,H)	Ürün Ağırlık / Product W. (Kg)	Paket Ölçü (B,E,Y) / Product S. (L,W,H)	Paket Ağırlık / Package W. (Kg)
Silver								
35-35208-S	2x10 W	145 Lm/W	2.900 Lm	C	575x100x85 mm	0,69 Kg	700x190x100 mm	22 Kg (32ad/32pcs.)
35-35215-S	2x15 W	145 Lm/W	4.350 Lm	C	1175x100x85 mm	1,07 Kg	1530x190x100 mm	17 Kg (16ad/16pcs.)
35-35219-S	2x19 W	145 Lm/W	5.510 Lm	C	1450x100x85 mm	1,23 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35220-S	2x(2x19 W)	145 Lm/W	11.020 Lm	C	2900x100x85 mm	2,48 Kg	3060x190x100 mm	19,9 Kg (8ad/8pcs.)
35-35225-S	2x27 W	138 Lm/W	7.452 Lm	C	1450x100x85 mm	1,23 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35226-S	2x(2x27 W)	138 Lm/W	14.904 Lm	C	2900x100x85 mm	2,48 Kg	3060x190x100 mm	19,9 Kg (8ad/8pcs.)
Gold								
35-35208-G	2x10 W	161 Lm/W	3.220 Lm	B	575x100x85 mm	0,69 Kg	700x190x100 mm	22 Kg (32ad/32pcs.)
35-35215-G	2x15 W	161 Lm/W	3.930 Lm	B	1175x100x85 mm	1,07 Kg	1530x190x100 mm	17 Kg (16ad/16pcs.)
35-35219-G	2x19 W	161 Lm/W	6.118 Lm	B	1450x100x85 mm	1,23 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35220-G	2x(2x19 W)	161 Lm/W	12.236 Lm	B	2900x100x85 mm	2,48 Kg	3060x190x100 mm	19,9 Kg (8ad/8pcs.)
35-35225-G	2x27 W	158 Lm/W	8.532 Lm	B	1450x100x85 mm	1,23 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35226-S	2x(2x27 W)	158 Lm/W	17.064 Lm	B	2900x100x85 mm	2,48 Kg	3060x190x100 mm	19,9 Kg (8ad/8pcs.)
Platinum								
35-35208-P	2x10 W	184 Lm/W	3.680 Lm	A	575x100x85 mm	0,689 Kg	700x190x100 mm	22 Kg (32ad/32pcs.)
35-35215-P	2x15 W	184 Lm/W	5.520 Lm	A	1175x100x85 mm	1,064 Kg	1530x190x100 mm	17 Kg (16ad/16pcs.)
35-35219-P	2x19 W	184 Lm/W	6.992 Lm	A	1450x100x85 mm	1,236 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35220-P	2x(2x19 W)	184 Lm/W	13.984 Lm	A	2900x100x85 mm	2,472 Kg	3060x190x100 mm	19,9 Kg (8ad/8pcs.)
35-35225-P	2x27 W	179 Lm/W	9.666 Lm	A	1450x100x85 mm	1,236 Kg	1530x190x100 mm	19,7 Kg (16ad/16pcs.)
35-35226-P	2x(2x27 W)	179 Lm/W	19.332 Lm	A	2900x100x85 mm	2,472 Kg	3060x190x100 mm	19,9 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)	>80
Standart Sapma Renk Eşleşmesi / SDCM	MacAdam 3
Sürücü / Driver	Dahili Sürücü / Internal Drive

ELEKTRİKSEL ÖZELLİKLER / ELECTRICAL PROPERTIES

Giriş Voltajı, Frekans / Input Voltage, Frequency	180~220 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	2.5m-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

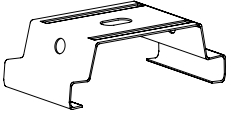
ÜRÜNÜN YAŞAM SÜRESİ / PRODUCT LIFE TIME

Anahtarlama Döngü Sayısı / Number of Switching Cycles	50.000 h
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

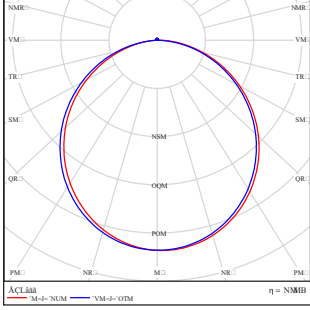
OPSİYONLAR / OPTIONS

	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.

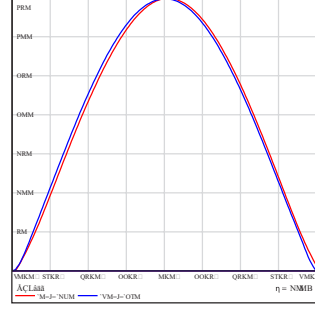
TESTLER / TESTS

Işık Dağılımı/ Light Distribution

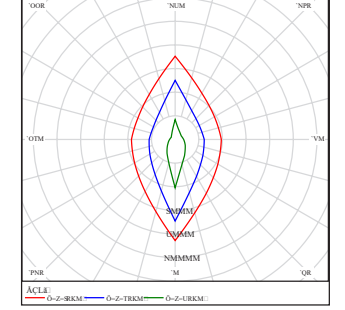
Işık Yayımları 1 - Polar LVK Light Light
Emission 1 - Polar LVK



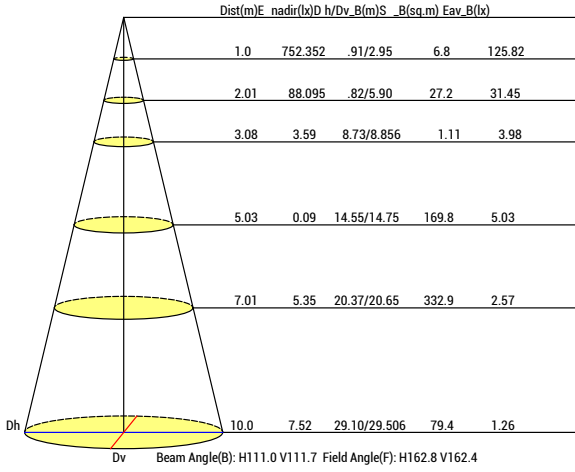
Işık Yayımları 1 - Linear LVK
Light emission 1 - Polar LVK



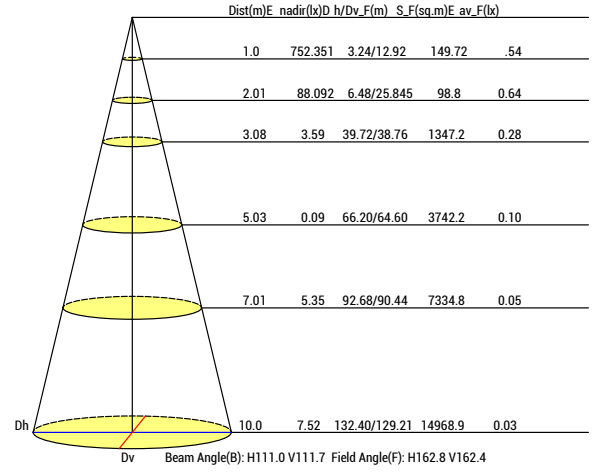
Işık Yayımları 1 - Işıklık Diagramı
Light emission 1 - Skylight Diagram



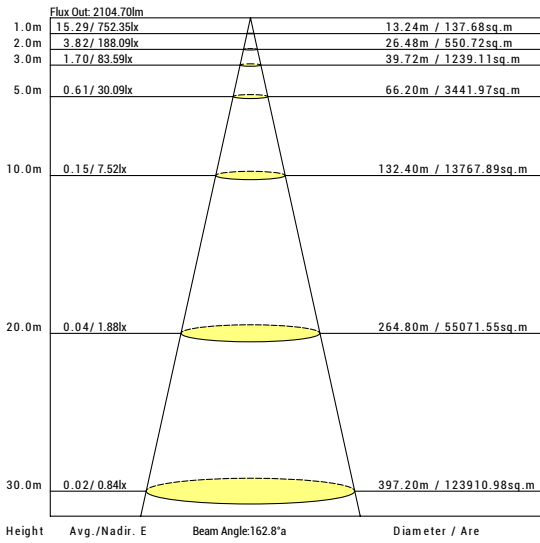
Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



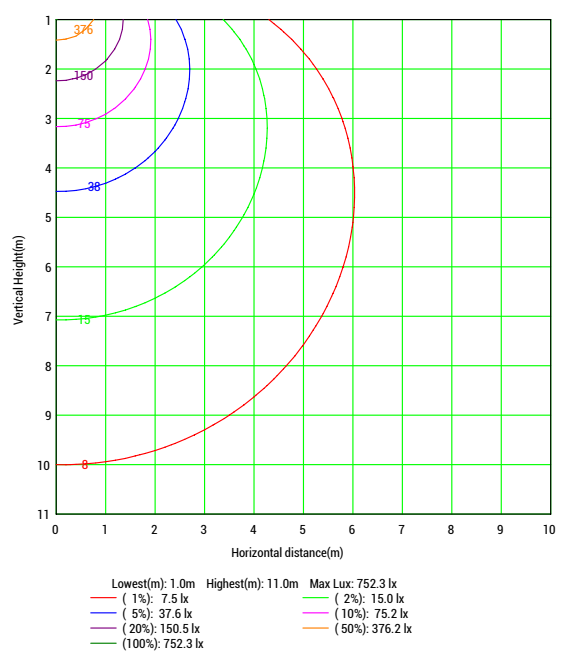
Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



Ortalama Aydınlık Etkili Şekil / The Average Illuminance Effective Figure



Dikey IsoLux Grafiği / Vertical IsoLux Plot



*FLAT 2xT5 35-35208-G ürünün ölçümleridir./ *The measurements of the FLAT 2xT5 35-35208-G product.

ÜRÜN FOTOĞRAFLARI / PRODUCT PHOTOS



REFERANSLAR & LİNKLER / REFERENCES & LINKS



www.karmalighting.com



KARMA Lighting



karma.lighting



KarmaLighting



karma.lighting.global



Karma LED Lighting