

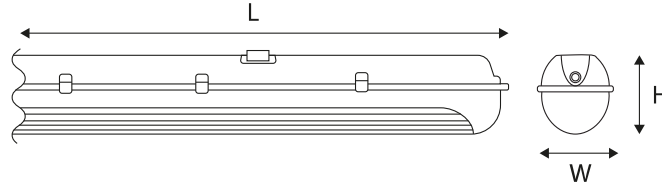
1.2 ÜRÜN BİLGİ SAYFASI

DATASHEET

LED ETANJ

LED ETANJ 2xT5 AYDINLATMA ARMATÜRÜ
LED ETANJ 2xT5 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								
65-65351-S2	2x10 W	145 Lm/W	2.900 Lm	C	670x90x90 mm	0,815 Kg	700x190x100 mm	13,64 Kg (16ad/16pcs.)
65-65351-S2-H1	2x10 W	145 Lm/W	2.900 Lm		670x90x90 mm	1,099 Kg	700x190x100 mm	18,18 Kg (16ad/16pcs.)
65-65355-S2	2x15 W	145 Lm/W	4.350 Lm	C	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65355-S2-H1	2x15 W	145 Lm/W	4.350 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65357-S2	2x19 W	145 Lm/W	5.510 Lm	C	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65357-S2-H1	2x19 W	145 Lm/W	5.510 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65360-S2	2x22 W	142 Lm/W	6.248 Lm	C	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65360-S2-H1	2x22 W	142 Lm/W	6.248 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
65-65365-S2	2x27 W	138 Lm/W	7.452 Lm	C	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65365-S2-H1	2x27 W	138 Lm/W	7.452 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
Gold								
65-65351-G2	2x10 W	161 Lm/W	3.220 Lm	B	670x90x90 mm	0,815 Kg	700x190x100 mm	13,64 Kg (16ad/16pcs.)
65-65351-G2-H1	2x10 W	161 Lm/W	3.220 Lm		670x90x90 mm	1,099 Kg	700x190x100 mm	18,18 Kg (16ad/16pcs.)
65-65355-G2	2x15 W	161 Lm/W	4.830 Lm	B	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65355-G2-H1	2x15 W	161 Lm/W	4.830 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65357-G2	2x19 W	161 Lm/W	6.118 Lm	B	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65357-G2-H1	2x19 W	161 Lm/W	6.118 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65360-G2	2x22 W	159 Lm/W	6.996 Lm	B	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65360-G2-H1	2x22 W	159 Lm/W	6.996 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
65-65365-G2	2x27 W	158 Lm/W	8.532 Lm	B	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65365-G2-H1	2x27 W	158 Lm/W	8.532 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
65-65369-G2	2x35 W	145 Lm/W	10.150 Lm	C	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65369-G2-H1	2x35 W	145 Lm/W	10.150 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
Platinum								
65-65351-P2	2x10 W	184 Lm/W	3.680 Lm	A	670x90x90 mm	0,815 Kg	700x190x100 mm	13,64 Kg (16ad/16pcs.)
65-65351-P2-H1	2x10 W	184 Lm/W	3.680 Lm		670x90x90 mm	1,099 Kg	700x190x100 mm	18,18 Kg (16ad/16pcs.)

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)
65-65355-P2	2x15 W	184 Lm/W	5.520 Lm	A	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65355-P2-H1	2x15 W	184 Lm/W	5.520 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65357-P2	2x19 W	181 Lm/W	6.878 Lm	A	1270x90x90 mm	1,177 Kg	1530x190x100 mm	19,43 Kg (16ad/16pcs.)
65-65357-P2-H1	2x19 W	181 Lm/W	6.878 Lm		1270x90x90 mm	1,461 Kg	1530x190x100 mm	23,97 Kg (16ad/16pcs.)
65-65360-P2	2x22 W	181 Lm/W	7.964 Lm	A	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65360-P2-H1	2x22 W	181 Lm/W	7.964 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
65-65365-P2	2x27 W	179 Lm/W	9.666 Lm	A	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65365-P2-H1	2x27 W	179 Lm/W	9.666 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)
65-65369-P2	2x35 W	165 Lm/W	11.550 Lm	B	1570x90x90 mm	1,629 Kg	1530x190x100 mm	13,63 Kg (8ad/8pcs.)
65-65369-P2-H1	2x35 W	165 Lm/W	11.550 Lm		1570x90x90 mm	3,270 Kg	1530x190x100 mm	26,76 Kg (8ad/8pcs.)

KOD ANAHTARI / COD KEY

65

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65 XXX

-

S,G,P

-

KXX

-

HX

Lineer Armatür/
Linear Armature

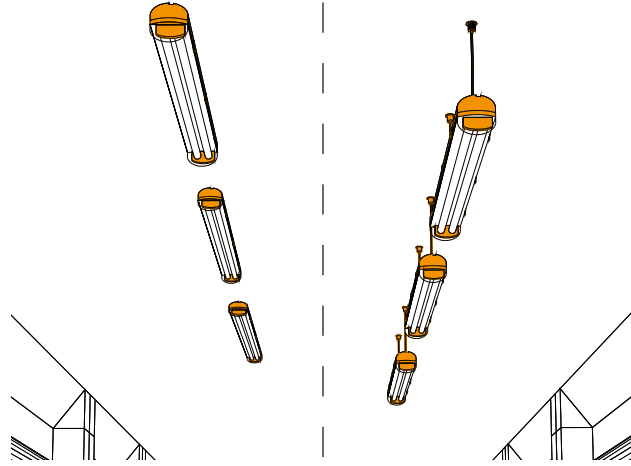
Aile Kodu/
Family Code

Versiyon/
Version

CCT/
Kelvin

ACK-Saat/
EMG-Hour

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



Askı Telli Montaj Modeli /
Hanging Wire Mounting
Model

OPTİK ÖZELLİKLER / OPTICAL PROPERTIES

Renk Sıcaklığı / Color Temperature (CCT)	3000-4000-6000K
Işıma Açısı / Beam Angle	C140°
Renk Geri Verim İndeksi / Color Rendering Index (CRI)	>80
Standart Sapma Renk Eşleşmesi / SDCM	MacAdam 3
Difüzör / Diffuser	Şeffaf Polikarbonat (PC), UV Dayanımlı, Darbeye Dayanımlı / Transparent Polycarbonate (PC), UV Resistant, Shock Resistant OPAL - Transparent Linear Prismatic Extrusion
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 1-3 Saat Bataryalı Acil Kit (Opsiyonel), Ampul İçi Dahili 1-3 Saat Bataryalı Acil Kit (Opsiyonel), Acil Aydınlatma Led Tüp İçinde Dahili 1-3 Saat (max. 3w.) (Opsiyonel) / Internally Internal 1-3 Hours Battery Emergency Kit (Optional), Bulb Internal 1-3 Hours Battery-Powered Emergency Kit (Optional), Emergency Lighting Inside Led Tube 1-3 Hours (max.3w.) (Optional)
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)

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	IP65
Montaj Tipi / Mounting Type	Sıva Üstü, Sarkıt / Surface Mounted, Pendant
Montaj Yeri / Mounting Location	Tavan / Ceiling
Şebeke Bağlantısı / Network Connection	3x NYAF ve Monofaz Topraklı Bağlantı / 3x NYAF and Single Phase Ground Connection
Uygulama Yüksekliği / Application Height	3m~5m

SICAKLIK VE ÇALIŞMA KOŞULLARI / TEMPERATURES AND OPERATING CONDITIONS

Çalışma Isısı (Oda Sıcaklığında) / Working Temperature	-20°C...+50°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	Polikarbon (PC) / Polycarbon (PC)
Gövde Rengi Seçenekleri / Body Color Options	Gri (9006) / Gray (9006)
Ürün Boyası / Product Paint	Alüminyum Enjeksiyon / Aluminum Injection

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

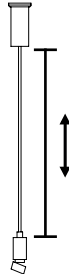
SERTİFİKALAR & STANDARTLAR / CERTIFICATES & STANDARDS

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



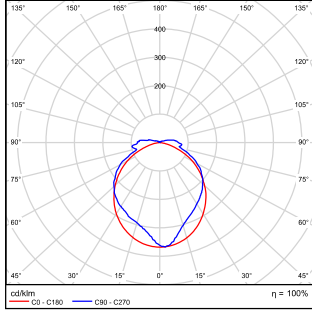
LED Tüp / LED Tube

OPSİYONLAR / OPTIONS

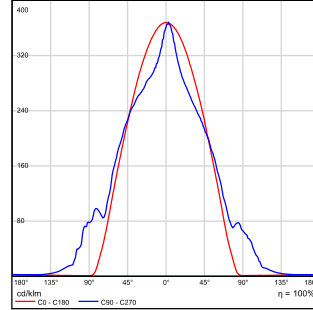
 T5 LED Tüp / T5 LED Tube	Sabit&dönebilen uç kapak, >50.000h ömür, floresana göre %80'e yakın tasarruf, hareket-ışık sensörü ve dahili 1-3 saat acil kite sahiptir./It has fixed&rotatable end cap, lifespan >50.000h, savings of nearly 80% compared to fluorescent, motion-light sensor and 1-3 hours emergency 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 yawn.
 Askı Teli / Hanger 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.

Işık Dağılımı/ Light Distribution

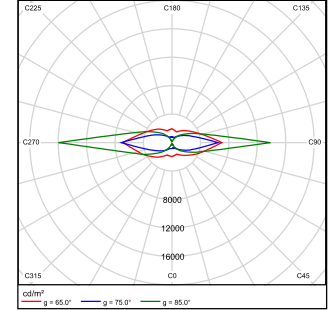
Işık Yayımları 1 - Polar LVK Light Emission 1 - Polar LVK



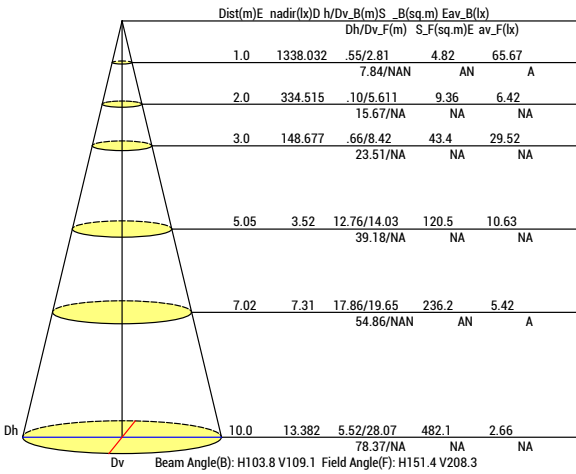
Işık Yayımları 1 - Linear LVK Light emission 1 - Polar LVK



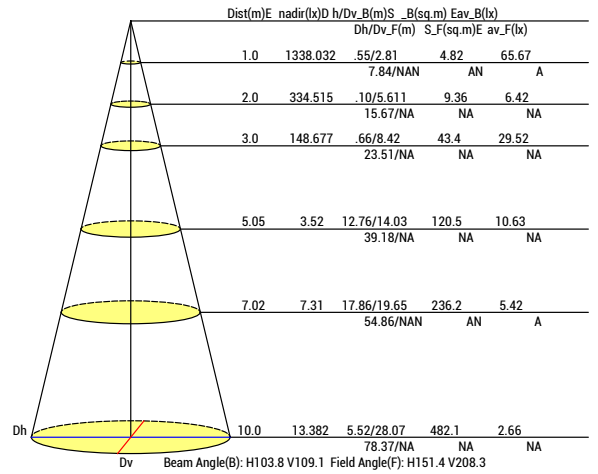
Işık Yayımları 1 - Işıklık Diagramı Light emission 1 - Skylight Diagram



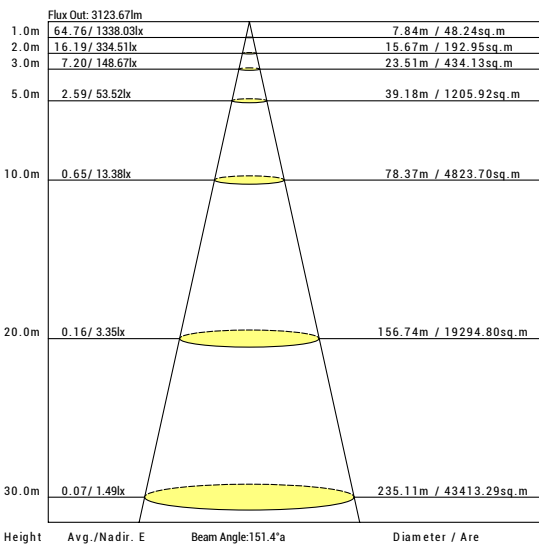
Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



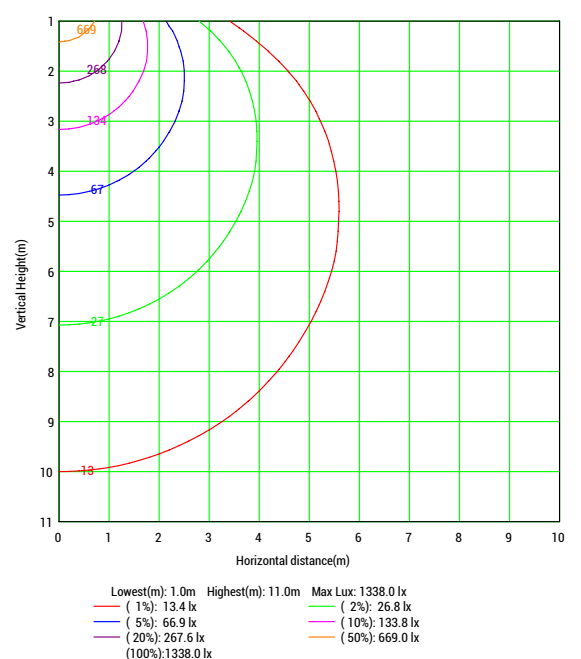
Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



Ortalama Aydınlık Etkili Şekil / The Average Illuminance Effective Figure



Dikey IsoLux Grafiği / Vertical IsoLux Plot



*DEEBY 2xT5 65-65365-G2 ürünün ölçümleridir. / *The measurements of the DEEBY 2xT5 65-65365-G2 product.

ÜRÜN FOTOĞRAFLARI / PRODUCT PHOTOS



REFERANSLAR & LİNKLER / REFERENCES & LINKS



www.karmalighting.com



KARMA Lighting



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