

1.2 ÜRÜN BİLGİ SAYFASI

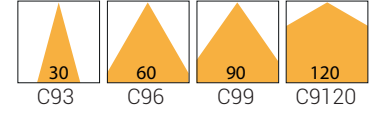
DATASHEET

POWERMAX

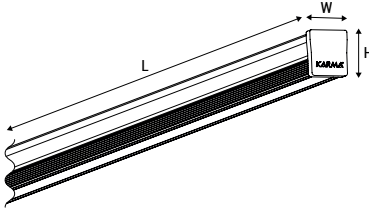
POWERMAX-LİNEER LED AYDINLATMA ARMATÜRÜ

POWERMAX - LINEAR LED LIGHTING FIXTURE

İŞIK AÇILARI / LIGHT ANGLES



ÖLÇÜLER / DIMENSIONS



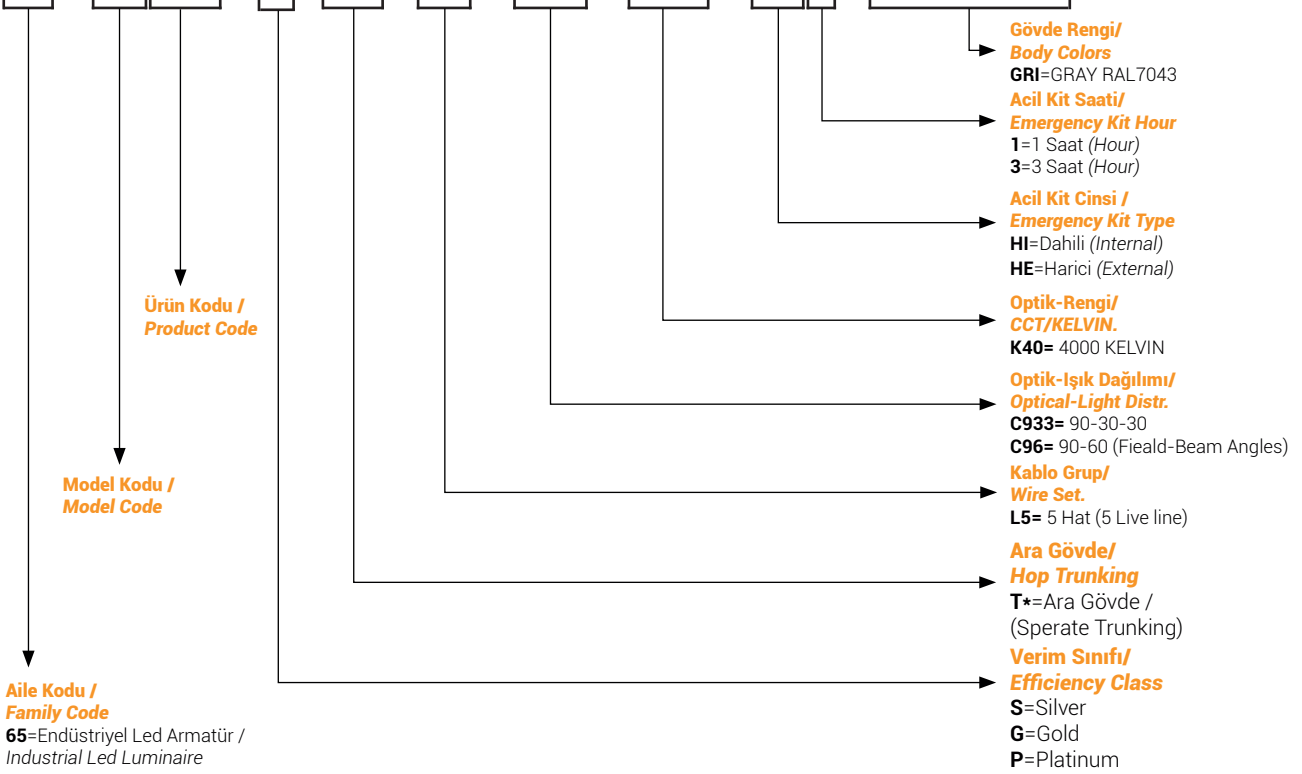
Ürün Kodu / Product Code	Güç / Power (W)	Verim / Efficiency (Lm/W)	Işık Akısı / Luminous Flux (Lm)	Enerji Etiketi / Energy Label	Ürün Ölçü (B,E,Y) / Dimension (L,W,H)	Ürün Ağırlık / Product W. (Kg)	Paket Ölçü (B,E,Y) / Product S. (L,W,H)	Paket Ağırlık / Package W. (Kg)
Gold								
65-71035-G-C93	35 W	145 Lm/W	5.075 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71035-G-C96	35 W	145 Lm/W	5.075 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71035-G-C99	35 W	145 Lm/W	5.075 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71035-G-C912	35 W	145 Lm/W	5.075 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71043-G-C93	43 W	145 Lm/W	6.235 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71043-G-C96	43 W	145 Lm/W	6.235 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71043-G-C99	43 W	145 Lm/W	6.235 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71043-G-C912	43 W	145 Lm/W	6.235 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71057-G-C93	57 W	143 Lm/W	8.151 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71057-G-C96	57 W	143 Lm/W	8.151 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71057-G-C99	57 W	143 Lm/W	8.151 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71057-G-C912	57 W	143 Lm/W	8.151 Lm	C	1410x38x50 mm	1,5 Kg	1530x190x100 mm	25,5 Kg (19ad/19pcs.)
65-71235-G-C93	70 W	145 Lm/W	10.150 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71235-G-C96	70 W	145 Lm/W	10.150 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71235-G-C99	70 W	145 Lm/W	10.150 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71235-G-C912	70 W	145 Lm/W	10.150 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71243-G-C93	86 W	145 Lm/W	12.470 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71243-G-C96	86 W	145 Lm/W	12.470 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71243-G-C99	86 W	145 Lm/W	12.470 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71243-G-C912	86 W	145 Lm/W	12.470 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)

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)
65-71257-G-C93	114 W	143 Lm/W	16.302 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71257-G-C96	114 W	143 Lm/W	16.302 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71257-G-C99	114 W	143 Lm/W	16.302 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)
65-71257-G-C912	114 W	143 Lm/W	16.302 Lm	C	2820x38x50 mm	3 Kg	3060x190x100 mm	25,5 Kg (8ad/8pcs.)

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

KOD ANAHTARI / COD KEY

65 - 71XXX - X - [T] - LX - CXX - KXX - HXX - _ _ _ XXXX



OPTİK ÖZELLİKLER / OPTICAL PROPERTIES

Renk Sıcaklığı / Color Temperature (CCT)	3000-4000-6000K
Işıma Açısı / Beam Angle	C30°, C60°, C90°, C120°
Renk Geri Verim İndeksi / Color Rendering Index (CRI)	>80
Difüzör / Diffuser	Şeffaf Akrilik PMMA / Clear Acrylic PMMA
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	LED Module / LED Module
Güç Faktörü (PFλ) / Power Factor	>95
Acil Aydınlatma / Emergency Lighting	Gövde İçi Dahili 1-3 Saat Bataryalı Acil Kit (Opsiyonel), Acil Aydınlatma 1-3 Saat (Opsiyonel) / Internal Body Internal 1-3 Hours Battery Emergency Kit (Optional), Emergency Lighting 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
Dim / Dimmable	Opsiyonel / Optional

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	IP44
Montaj Tipi / Mounting Type	Sıva Üstü, Sarkıt / Surface Mounted, Pendant
Montaj Yeri / Mounting Location	Tavan / Ceiling
Şebeke Bağlantısı / Network Connection	5x1 Hop ve Monofaz Topraklı Bağlantı (4x1,3x1 Opsiyonel) / 5x1 Hop and Single Phase Ground Connection (4x1,3x1 Optional)
Uygulama Yüksekliği / Application Height	4-6m

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

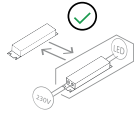
ÜRÜNÜN YAŞAM SÜRESİ / PRODUCT LIFE TIME

Anahtarlama Döngü Sayısı / Number of Switching Cycles	500.000
Ömür / Lifespan L80/B50 at 25 C°	55.000 h

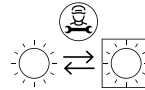
SERTİFİKALAR & STANDARTLAR / CERTIFICATES & STANDARDS

Koruma Sınıfı IK (Şok Direnci) / Protection Class IK (Shock Resistance)	IK 08
Sertifikasyon / Certification	ISO 9001, LVD, EMC, CE, RoHS EN 60598-1, EN 60598-2-1, EN 55015, EN 61547 EU EcoDesign Compliant (EEC) - 2019/2020 EU

EU EcoDesign Compliant (EEC) - 2019/2020 EU

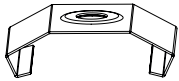


Son kullanıcı tarafından değiştirilebilir kontrol tertibatı
Replaceable control gear by an end-user

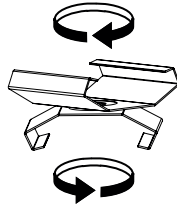


Bir profesyonel tarafından değiştirilebilir ışık kaynağı
Replaceable light source by a professional

EKİPMAN & AKSESUARLAR / EQUIPMENT & ACCESSORIES



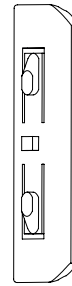
Vidalalı Tavan Bağlantı Klipsi
Screw ceiling mount clip



Hareketli montaj klipsi
Rotatable mounting clip



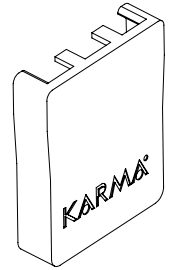
Askı Teli
Suspended Wire



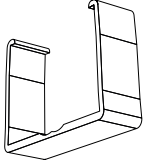
Ara Köprü
Intermediate Bridge



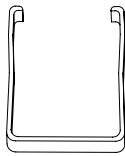
Uç Kapak
End Cap



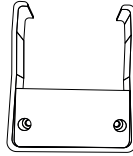
Uç Kapak
End Cap



Derz Örtücü
Joint Cover



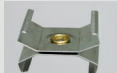


Derz Örtücü
Joint Cover



Derz Örtücü
Joint Cover

OPSİYONLAR / OPTIONS

	Askı Teli Suspended Wire	Paslanmaz yay çeliğinden üretilir. Vidalama veya askı için uygundur. Maks. yük taşıma 9kg'dır. (detaylar için montaj klavuzuna gözetin) It is produced from stainless spring steel. Suitable for screwing or hanging. Max. load carrying is 9kg. (see assembly manual for details)
	Tavan Bağlantı Klipsi (Tekli) Ceiling Fastening Clip (Single)	Paslanmaz yay çeliği malzemeden üretilir. Armatürlerin monyaj yüzeyine kolayca montajını sağlar. It is produced from stainless spring steel material. It allows the fixtures to be easily mounted on the mounting surface.
	Tavan Bağlantı Klipsi (Çiftli) / Ceiling Fastening Clip (Double)	Paslanmaz yay çeliği malzemeden üretilir. Armatürlerin monyaj yüzeyine kolayca montajını sağlar ve 360° dönebilir. (detaylar için montaj klavuzuna gözetin) It is produced from stainless spring steel material. Fix the fixtures to the mounting surface It provides easy assembly and can rotate 360°. (see assembly manual for details)



** Bu ekipmanlar ile nasıl montaj yapılacağını "Montaj Kılavuzu" belgesine inceleyerek görebilirsiniz
** See how to assemble with these equipment by examining the "Installation Manual" document.

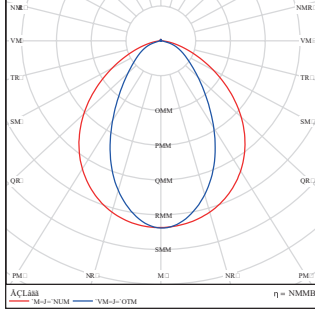


** Semboller ve ifadeleri için "Sembol/piktogram" tablosuna bakın.
** See the "Symbol/pictogram" table for symbols and their meanings.

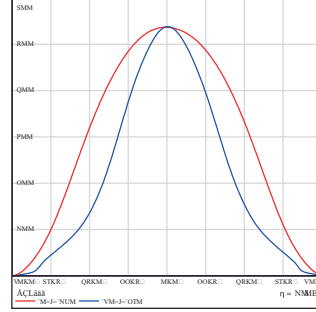
TESTLER / TESTS

Işık Dağılımı/ Light Distribution

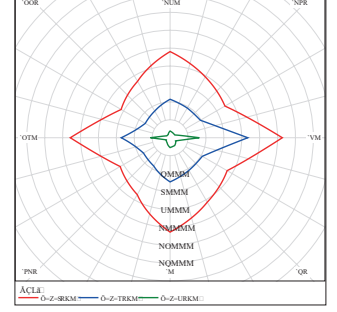
Işık Yayımları 1 - Polar LVK Light Light
Emission 1 - Polar LVK



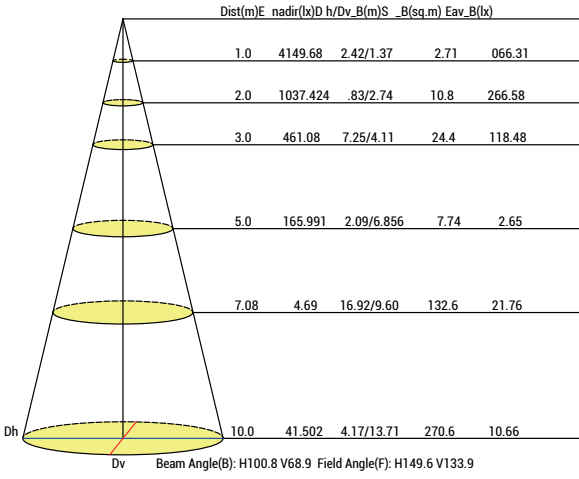
Işık Yayımları 1 - Linear LVK
Light emission 1 - Polar LVK



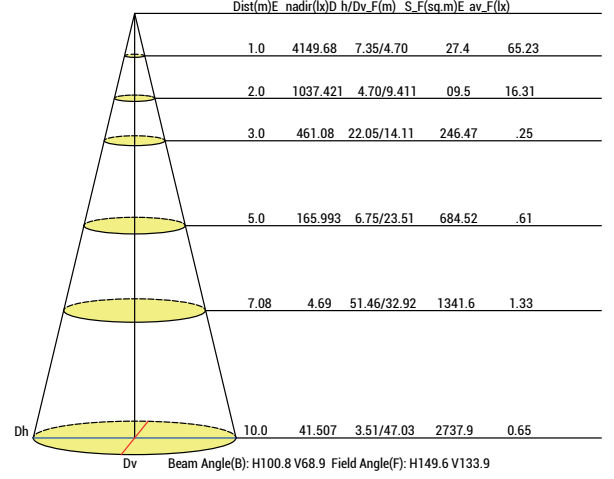
Işık Yayımları 1 - Işıklık Diagramı
Light emission 1 - Skylight Diagram



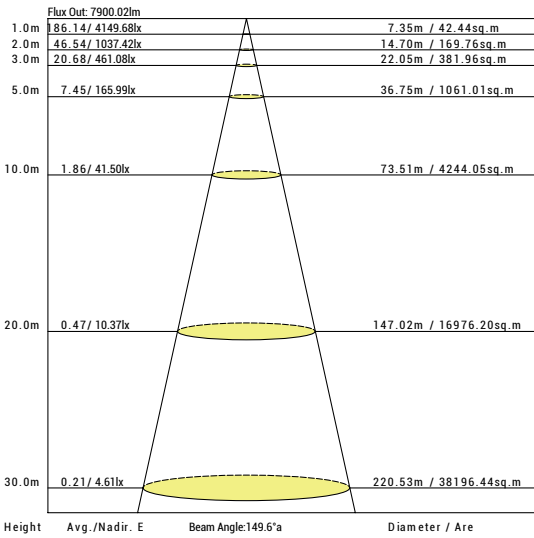
Uzaktaki Parlaklık (Işın Açısı) / Illuminance at a Distance (Beam Angle)



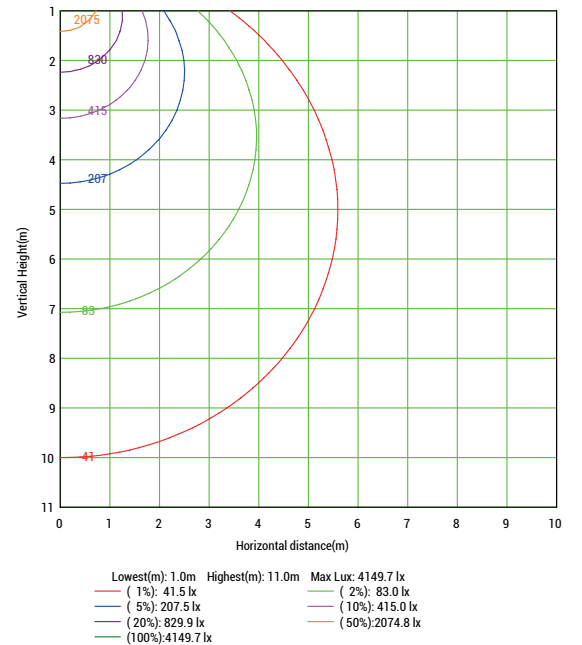
Uzaktaki Parlaklık (Alan Açısı) / Illuminance at a Distance (Field Angle)



Ortalama Aydınlık Etkili Şekil / The Average Illuminance Effective Figure

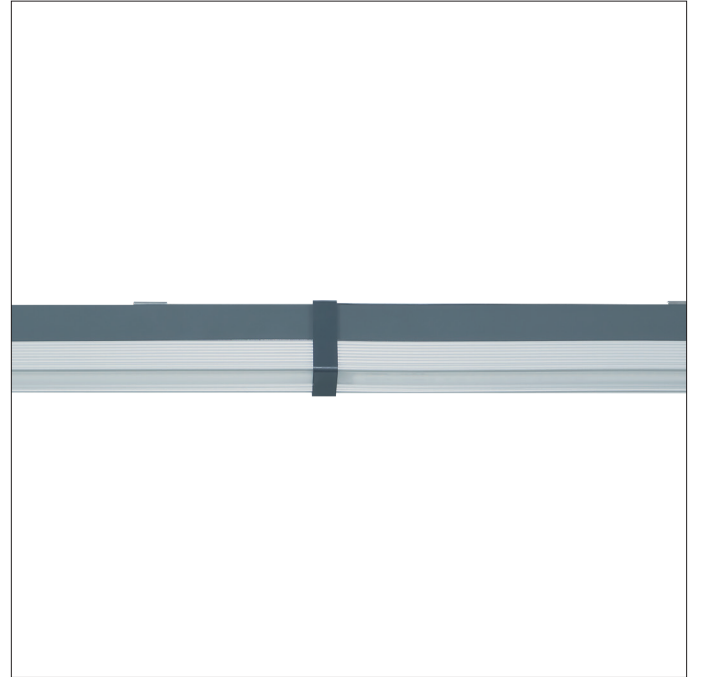
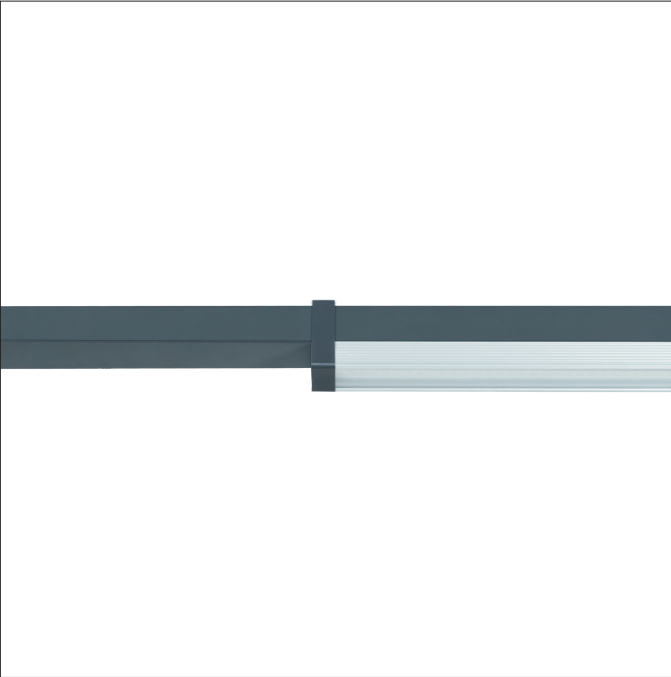


Dikey IsoLux Grafiği / Vertical IsoLux Plot



*POWERMAX 65-71043-G-C96 ürünün ölçümleridir./ *The measurements of the POWERMAX 65-71043-G-C96 product.

ÜRÜN FOTOĞRAFLARI / PRODUCT PHOTOS



REFERANSLAR & LİNKLER / REFERENCES & LINKS



www.karmalighting.com



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