



Damla LED

LENTO

Lento is a linear, encapsulated LED system available in different colours, including a cool or warm white. Its robust construction and clean low-profile design allows it to be installed in indoor and outdoor light lines of any length for emphasising of facades, objects and walls, offering a substantial range of interior or exterior applications. Easy to use with an IP68 plug and socket connector system.

Lento, soğuk ve sıcak beyaz içeren farklı renklerde mevcut çizgisel kapsüllü LED sistemidir. Sağlam yapısı ve temiz arka planı, iç ve dış bir dizi mevcut uygulama sunan cephe, obje ve duvarları vurgulamaya yönelik her uzunlukta iç ve dış mekan ışık şeritlerinde kurulmasına imkan vermektedir. IP68 ve soket konektör sistemiyle kullanımı kolaydır.



Dynamic & Smooth Dinamik ve Akıcı



Outdoor
Epoxy coated
Slim Shape
Low power consumption
High efficient
Easy installation
Uniform light output

Dış mekan
Epoksi kaplama
İnce formlu
Düşük güç tüketimi
Yüksek verimli
Kolay kurulum
Düzgün ışık çıkışı



MECHANICAL SPECIFICATIONS | MEKANİK ÖZELLİKLER

Version	Versiyon	DA-KBE24 <input type="checkbox"/>	DA-KBE36 <input type="checkbox"/>	DA-KBE48 <input type="checkbox"/>
Dimensions	Boyutlar	L 1000 mm x W 24 mm x H 7 mm		
Weight	Ağırlık	0.27 kg.		
Housing	Gövde	Aluminium housing with epoxy coated / Epoksi kaplama ile alüminyum gövde		
Mounting detail	Montaj detayı	Double-sided taped / Çift taraflı bantlı		
Protection class	Koruma sınıfı	IP65		
Temperature range	Sıcaklık aralığı	-20 °C ~ +85 °C		

ELECTRICAL SPECIFICATIONS | ELEKTRİK ÖZELLİKLERİ

Input voltage	Giriş voltajı	24V DC		
LED quantity	LED adeti	24 LEDs/m.	36 LEDs/m.	48 LEDs/m.
Power consumption	Güç tüketimi	6W/m.	9W/m.	12W/m.
Cable	Kablo	15cm. cable with connector / Konnektör ile birlikte 15cm. Kablolu		
Connector	Konnektör	Integrated connector IP68 / Ürüne entegre soketli IP68		
Max. Run	Maks. Sürme	16m./100W SMPS	12m./100W SMPS	8m./100W SMPS
Max. Distance to SMPS	SMPS'e Maks. Mesafe	30m.	20m.	15m.

LED SPECIFICATIONS | LED ÖZELLİKLERİ

Due to continuous improvements and innovations, specifications may change without notice Sürekli iyileştirmeler ve yenilikler sayesinde, özellikler önceden haber verilmeksizin değiştirilebilir

LED type	LED tipi	SMD 60mA			
LED brand	LED markası	Edison			
Color temperature	Renk sıcaklığı	<input type="checkbox"/> Green	Yeşil	525 nm	
		<input type="checkbox"/> Blue	Mavi	470 nm	
		<input type="checkbox"/> Amber	Amber	591 nm	
		<input type="checkbox"/> Red	Kırmızı	625 nm	
Lumens	Lümen		DA-KBE24	DA-KBE36	DA-KBE48
		G	408 lm/m.	612 lm/m.	816 lm/m.
		B	204 lm/m.	306 lm/m.	408 lm/m.
		A	90 lm/m.	135 lm/m.	180 lm/m.
		R	144 lm/m.	216 lm/m.	288 lm/m.
Beam Angle	Işıma Açısı	110° standard			
Lifespan	Ömür	35.000 hrs (50°C) / 50.000 hrs (25°C)			

CERTIFICATIONS | SERTİFİKALAR

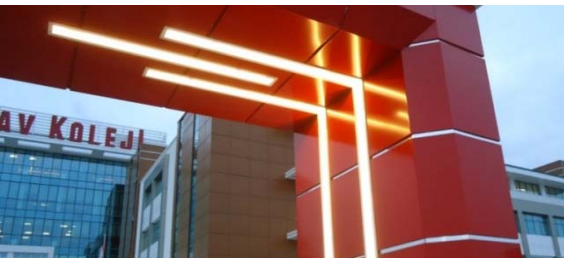


EN 62031:2008 EN 60598-2-1:1989 EN 60598-1:2004+A1:2006

CE complies with 2006 / 95 / EC

RoHS complies with 2002 / 95 / EC

Turkish Patent Institute Registration Number: 2011 05459 Türk Patent Enstitüsü Kayıt Numarası: 2011 05459



LENTO is a linear, encapsulated LED system available in different colours, including a cool or warm white.

LENTO soğuk ve sıcak beyaz içeren farklı renklerde mevcut çizgisel kapsüllü LED sistemidir.

ORDER CODES | SİPARİŞ KODLARI

LENTO / DA-KBE24	Green	Yeşil	Edison	DA-KBE24-G
	Blue	Mavi	Edison	DA-KBE24-B
	Amber	Amber	Edison	DA-KBE24-A
	Red	Kırmızı	Edison	DA-KBE24-R
LENTO / DA-KBE36	Green	Yeşil	Edison	DA-KBE36-G
	Blue	Mavi	Edison	DA-KBE36-B
	Amber	Amber	Edison	DA-KBE36-A
	Red	Kırmızı	Edison	DA-KBE36-R
LENTO / DA-KBE48	Green	Yeşil	Edison	DA-KBE48-G
	Blue	Mavi	Edison	DA-KBE48-B
	Amber	Amber	Edison	DA-KBE48-A
	Red	Kırmızı	Edison	DA-KBE48-R


DIFFERENT LENGTH ORDER CODES | FARKLI ÖLÇÜ SİPARİŞ KODLARI

			Length	Lumen	Watt		
LENTO / DA-KBE24	Green	Yeşil	25 cm	102 lm	1.5 W	DA-KBE24-25-G	
	Blue	Mavi	25 cm	51 lm	1.5 W	DA-KBE24-25-B	
	Amber	Amber	25 cm	23 lm	1.5 W	DA-KBE24-25-A	
	Red	Kırmızı	25 cm	36 lm	1.5 W	DA-KBE24-25-R	
	Green	Yeşil	50 cm	204 lm	3 W	DA-KBE24-50-G	
	Blue	Mavi	50 cm	102 lm	3 W	DA-KBE24-50-B	
	Amber	Amber	50 cm	45 lm	3 W	DA-KBE24-50-A	
	Red	Kırmızı	50 cm	72 lm	3 W	DA-KBE24-50-R	
	Green	Yeşil	75 cm	306 lm	4.5 W	DA-KBE24-75-G	
	Blue	Mavi	75 cm	153 lm	4.5 W	DA-KBE24-75-B	
	Amber	Amber	75 cm	68 lm	4.5 W	DA-KBE24-75-A	
	Red	Kırmızı	75 cm	108 lm	4.5 W	DA-KBE24-75-R	
	LENTO / DA-KBE36	Green	Yeşil	16.7 cm	102 lm	1.5 W	DA-KBE36-16-G
		Blue	Mavi	16.7 cm	51 lm	1.5 W	DA-KBE36-16-B
		Amber	Amber	16.7 cm	23 lm	1.5 W	DA-KBE36-16-A
		Red	Kırmızı	16.7 cm	36 lm	1.5 W	DA-KBE36-16-R
Green		Yeşil	33.3 cm	204 lm	3 W	DA-KBE36-33-G	
Blue		Mavi	33.3 cm	102 lm	3 W	DA-KBE36-33-B	
Amber		Amber	33.3 cm	45 lm	3 W	DA-KBE36-33-A	
Red		Kırmızı	33.3 cm	72 lm	3 W	DA-KBE36-33-R	
Green		Yeşil	50 cm	306 lm	4.5 W	DA-KBE36-50-G	
Blue		Mavi	50 cm	153 lm	4.5 W	DA-KBE36-50-B	
Amber		Amber	50 cm	68 lm	4.5 W	DA-KBE36-50-A	
Red		Kırmızı	50 cm	108 lm	4.5 W	DA-KBE36-50-R	
Green		Yeşil	66.7 cm	408 lm	6 W	DA-KBE36-66-G	
Blue		Mavi	66.7 cm	204 lm	6 W	DA-KBE36-66-B	
Amber		Amber	66.7 cm	90 lm	6 W	DA-KBE36-66-A	
Red		Kırmızı	66.7 cm	144 lm	6 W	DA-KBE36-66-R	
Green	Yeşil	83.3 cm	510 lm	7.5 W	DA-KBE36-83-G		
Blue	Mavi	83.3 cm	255 lm	7.5 W	DA-KBE36-83-B		
Amber	Amber	83.3 cm	112 lm	7.5 W	DA-KBE36-83-A		
Red	Kırmızı	83.3 cm	180 lm	7.5 W	DA-KBE36-83-R		


DIFFERENT LENGTH ORDER CODES | FARKLI ÖLÇÜ SİPARİŞ KODLARI

			Length	Lumen	Watt	
LENTO / DA-KBE48	Green	Yeşil	12.5 cm	102 lm	1.5 W	DA-KBE48-12-G
	Blue	Mavi	12.5 cm	51 lm	1.5 W	DA-KBE48-12-B
	Amber	Amber	12.5 cm	23 lm	1.5 W	DA-KBE48-12-A
	Red	Kırmızı	12.5 cm	36 lm	1.5 W	DA-KBE48-12-R
	Green	Yeşil	25 cm	204 lm	3 W	DA-KBE48-25-G
	Blue	Mavi	25 cm	102 lm	3 W	DA-KBE48-25-B
	Amber	Amber	25 cm	45 lm	3 W	DA-KBE48-25-A
	Red	Kırmızı	25 cm	72 lm	3 W	DA-KBE48-25-R
	Green	Yeşil	37.5 cm	306 lm	4.5 W	DA-KBE48-37-G
	Blue	Mavi	37.5 cm	153 lm	4.5 W	DA-KBE48-37-B
	Amber	Amber	37.5 cm	68 lm	4.5 W	DA-KBE48-37-A
	Red	Kırmızı	37.5 cm	108 lm	4.5 W	DA-KBE48-37-R
	Green	Yeşil	50 cm	408 lm	6 W	DA-KBE48-50-G
	Blue	Mavi	50 cm	204 lm	6 W	DA-KBE48-50-B
	Amber	Amber	50 cm	90 lm	6 W	DA-KBE48-50-A
	Red	Kırmızı	50 cm	144 lm	6 W	DA-KBE48-50-R
	Green	Yeşil	62.5 cm	510 lm	7.5 W	DA-KBE48-62-G
	Blue	Mavi	62.5 cm	255 lm	7.5 W	DA-KBE48-62-B
	Amber	Amber	62.5 cm	112 lm	7.5 W	DA-KBE48-62-A
	Red	Kırmızı	62.5 cm	180 lm	7.5 W	DA-KBE48-62-R
Green	Yeşil	75 cm	612 lm	9 W	DA-KBE48-75-G	
Blue	Mavi	75 cm	306 lm	9 W	DA-KBE48-75-B	
Amber	Amber	75 cm	135 lm	9 W	DA-KBE48-75-A	
Red	Kırmızı	75 cm	216 lm	9 W	DA-KBE48-75-R	
Green	Yeşil	87.5 cm	714 lm	10.5 W	DA-KBE48-87-G	
Blue	Mavi	87.5 cm	357 lm	10.5 W	DA-KBE48-87-B	
Amber	Amber	87.5 cm	158 lm	10.5 W	DA-KBE48-87-A	
Red	Kırmızı	87.5 cm	252 lm	10.5 W	DA-KBE48-87-R	

CABLE ORDER CODES | KABLO SİPARİŞ KODLARI

Input Cable - 18 cm.	Giriş Kablosu - 18 cm.		DA-KBIPIC-18
End Cap	Sonlandırma Kapağı		DA-KBIPCAP

POWER SUPPLY ORDER CODES | GÜÇ KAYNAĞI SİPARİŞ KODLARI

24 Vdc / 0.75 Adc Switch Mode Power Supply 140x30x22mm IP67 18W		DA-SMPS-2418IP
24 Vdc / 1.1 Adc Switch Mode Power Supply 148x40x30mm IP67 35W		DA-SMPS-2435IP
24 Vdc / 2.2 Adc Switch Mode Power Supply 163x43x32mm IP67 60W		DA-SMPS-2460IP
24 Vdc / 4.5 Adc Switch Mode Power Supply 190x52x37mm IP67 100W		DA-SMPS-24100IP
24 Vdc / 4.5 Adc Switch Mode Power Supply 191x63x37mm IP67 150W		DA-SMPS-24150IP

DIMMABLE POWER SUPPLY ORDER CODES | DİMLİ GÜÇ KAYNAĞI SİPARİŞ KODLARI

24 Vdc / 1.6 Adc Dimmable Switch Mode Power Supply 171x62x37mm IP67 40W	DA-SMPS-2440HDIP
24 Vdc / 2.5 Adc Dimmable Switch Mode Power Supply 171x62x37mm IP67 60W	DA-SMPS-2460HDIP
24 Vdc / 3.4 Adc Dimmable Switch Mode Power Supply 196x62x39mm IP67 80W	DA-SMPS-2480HDIP

DIM UNIT ORDER CODE | DİM ÜNİTESİ SİPARİŞ KODU

120W/24V LED DIM Unit (1-10Vdc)	DA-DIM
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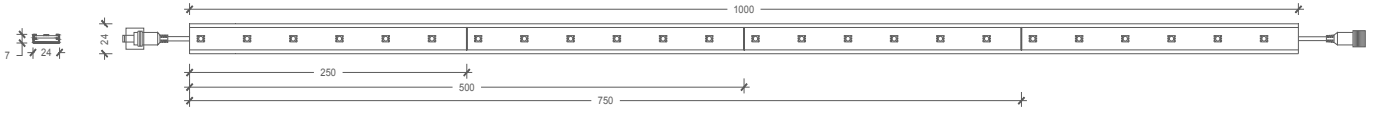
Applications Uygulamalar

Outdoor	Dış Mekan
Retail	Perakende
Hotels / Resorts	Oteller/Resortlar
Restaurants	Restoranlar
Entertainment	Eğlence
Residential	Konut
Façades	Cepheler

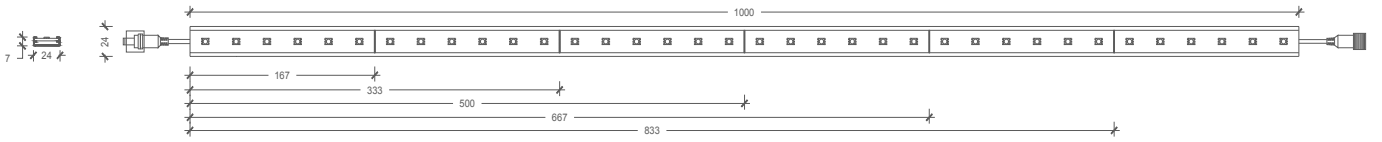


Sınav Collage - Ankara | Turkey
Sınav Koleji - Ankara | Türkiye

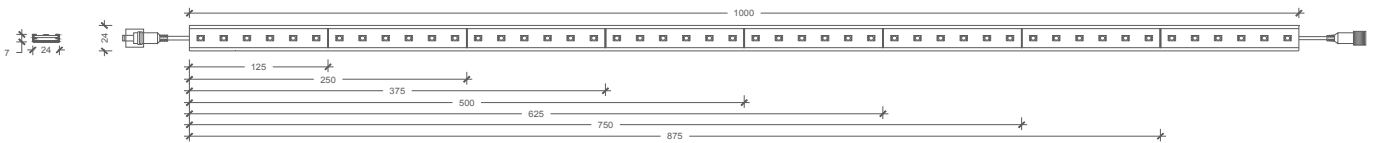
TECHNICAL DRAWING - DA-KBE24 | TEKNİK ÇİZİM - DA-KBE24



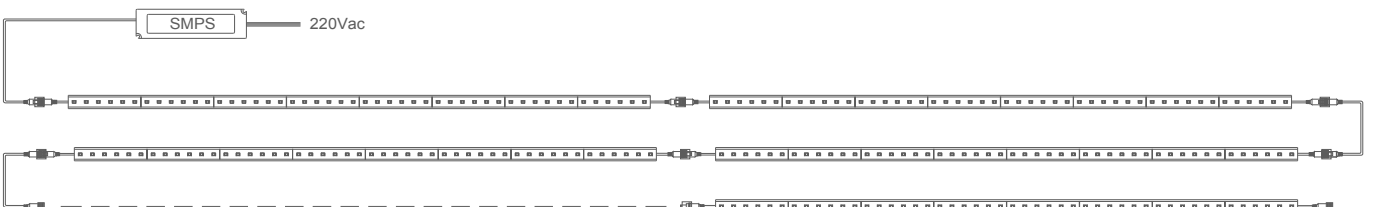
TECHNICAL DRAWING - DA-KBE36 | TEKNİK ÇİZİM - DA-KBE36



TECHNICAL DRAWING - DA-KBE48 | TEKNİK ÇİZİM - DA-KBE48



INSTALLATION DIAGRAM | MONTAJ ŞEMASI



LIGHT DISTRIBUTION CURVES I IŞIK DAĞILIM EĞRİLERİ

Data calculated with Lento DA-KBE 1m.
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.

Veri Lento DA-KBE 1m. ile hesaplanmıştır.
Lümen ölçümü 13032 / IES LM-79-08 test prosedürleri UNE-EN ile uyumludur.

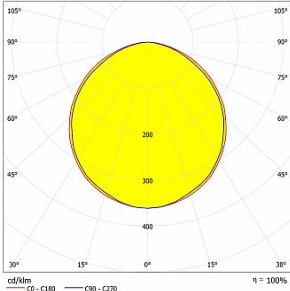
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Sürekli iyileştirmeler ve yenilikler nedeniyle, özellikleri haber verilmeksizin değiştirilebilir.

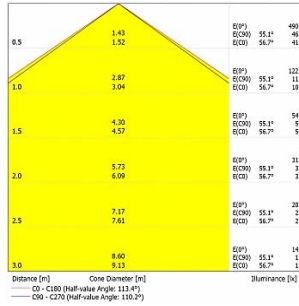
**LENTO
DA-KBE24-G
GREEN**

Lumen - 408lm/m.

Polar



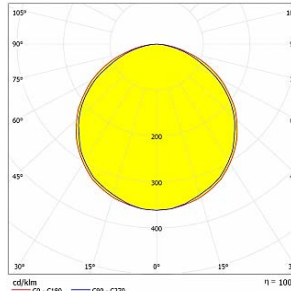
Cone Diagram



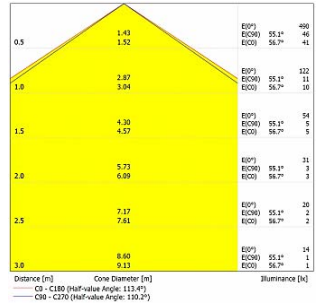
**LENTO
DA-KBE24-B
BLUE**

Lumen - 204lm/m.

Polar



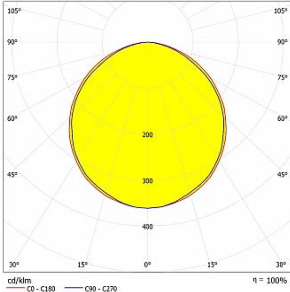
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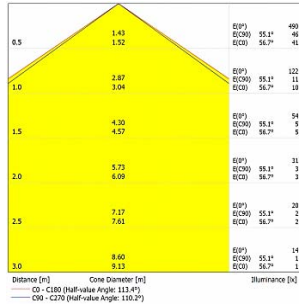
**LENTO
DA-KBE24-A
AMBER**

Lumen - 90lm/m.

Polar



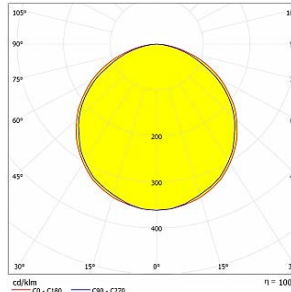
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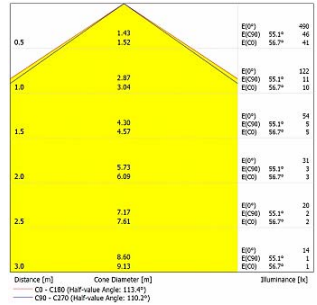
**LENTO
DA-KBE24-R
RED**

Lumen - 144lm/m.

Polar



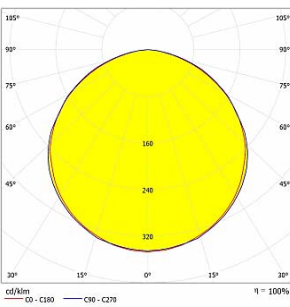
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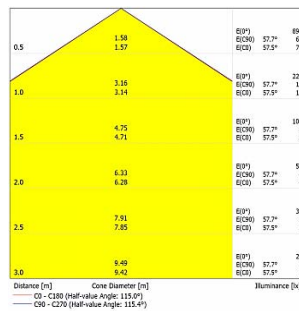
**LENTO
DA-KBE36-G
GREEN**

Lumen - 612lm/m.

Polar



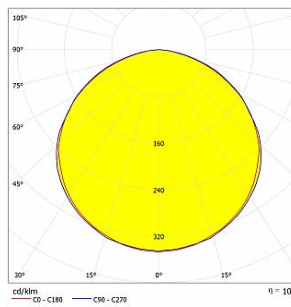
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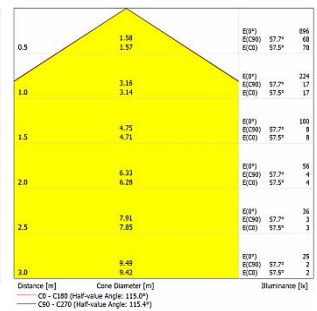
**LENTO
DA-KBE36-B
BLUE**

Lumen - 306lm/m.

Polar



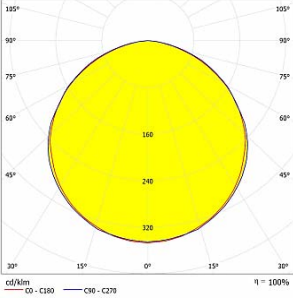
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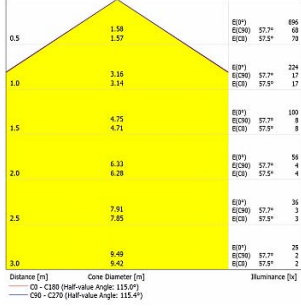
LENTO
DA-KBE36-A
AMBER

Lumen - 135lm/m.

Polar



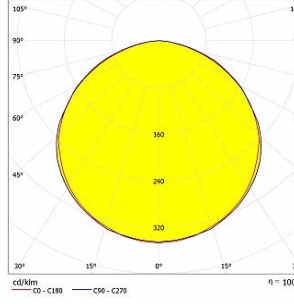
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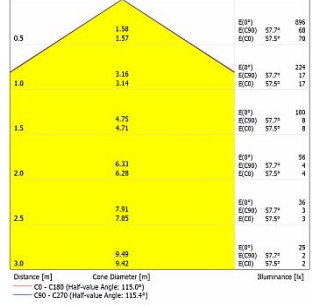
LENTO
DA-KBE36-R
RED

Lumen - 216lm/m.

Polar



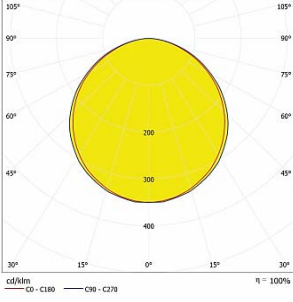
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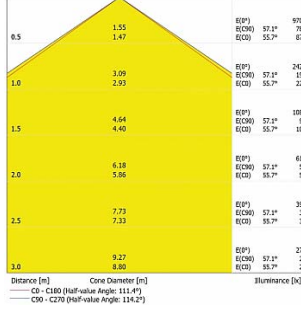
LENTO
DA-KBE48-G
GREEN

Lumen - 816lm/m.

Polar



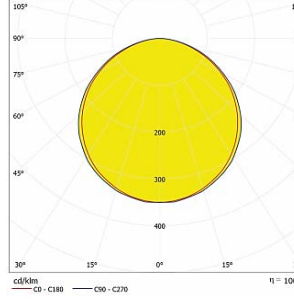
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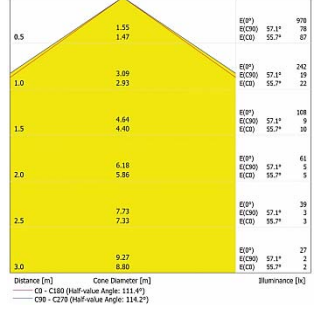
LENTO
DA-KBE48-B
BLUE

Lumen - 408lm/m.

Polar



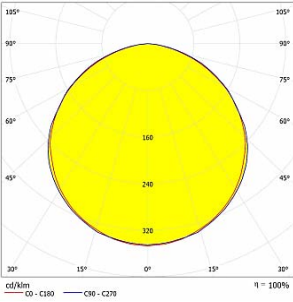
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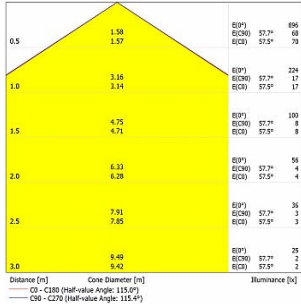
LENTO
DA-KBE48-A
AMBER

Lumen - 180lm/m.

Polar



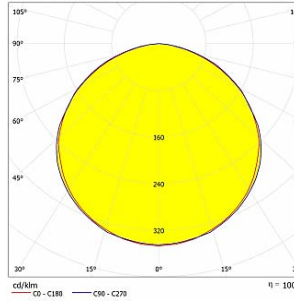
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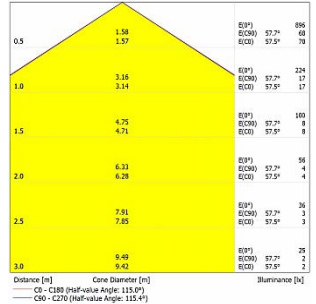
LENTO
DA-KBE48-R
RED

Lumen - 288lm/m.

Polar



Cone Diagram



Damla LED Ltd. Co.

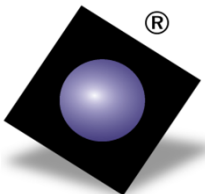
Başkent OSB 17. Cad. No:38
Malköy - Temelli 06909
Ankara | TURKEY

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Damla LED Alternatif Aydınlatma Sistemleri Limited Şirketi ürünleri özgün tasarımlar olup, tescil edilmiştir. Damla LED Alternatif Aydınlatma Sistemleri Limited Şirketi, teknolojik gelişmelere göre önceden bildirmeksizin ürün özelliklerinde kısmen veya tamamen değişiklik yapma hakkını saklı tutar.



Damla LED