

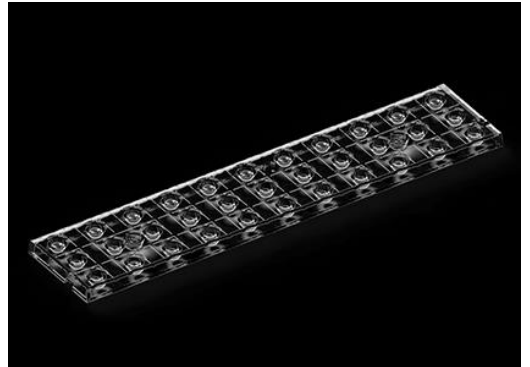


Product Model Number

CKO-MX16-286061-3305

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

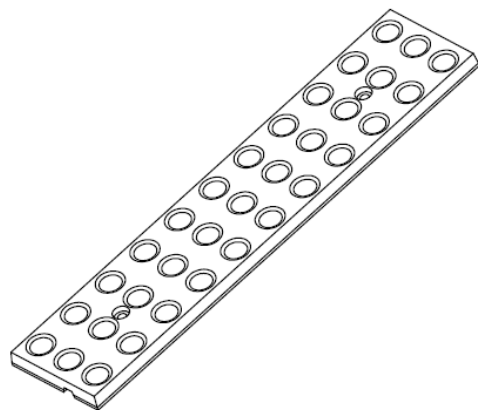
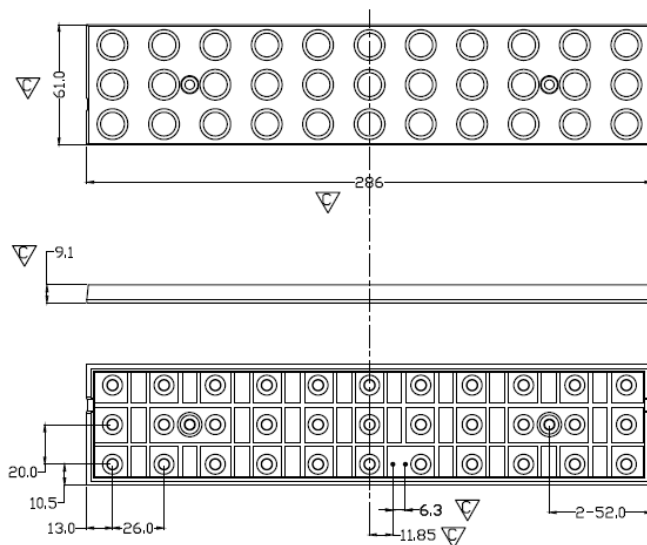


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- C. Identity Code
- D. Lens / Fixture Size
Ex: 075026=Φ75mm / Thickness=26mm (round up)
- C. Serial Numbers

The lens datasheet is applicable for **Philips LED**, that manufactured by Chun Kuang Optics Corp.

✓ Dimensions (mm) : 286 x 61 x 9.1



▽:Critical Dimension



UGR Example

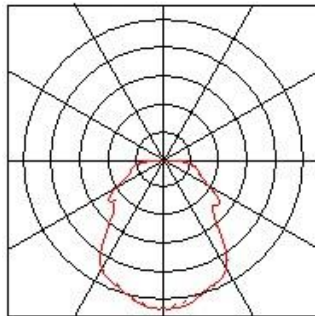
Leuchtendaten

Leuchten-Wirkungsgrad : 560687%
 Leuchten-Lichtausbeute : 5606.87 lm/W
 Klassifikation : A40 ↓99.4% ↑0.6%
 CIE Flux Codes : 48 75 91 99 560687
 UGR 4H 8H : 14.6 / 17.5
 Leistung : 1 W
 Lichtstrom : 5606.9 lm

Bestückung mit

Anzahl : 1
 Bezeichnung : a
 Farbe :
 Lichtstrom : 1 lm

Abmessungen : 1000 mm x 1000 mm x 1000 mm



Reflexionsgrade

Decke	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wände	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Boden	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Raum Abmessungen

x		Blick in C0 Richtung					Blick in C90 Richtung				
	y										
2H	2H	10.5	12.1	10.8	12.4	12.7	12.2	13.9	12.6	14.2	14.5
	3H	11.8	13.3	12.2	13.6	14.0	14.0	15.5	14.4	15.8	16.2
	4H	12.5	14.0	12.9	14.3	14.7	15.1	16.5	15.5	16.9	17.2
	6H	13.2	14.5	13.6	14.9	15.3	16.3	17.6	16.7	18.0	18.4
	8H	13.3	14.6	13.7	15.0	15.4	16.6	17.9	17.0	18.3	18.7
	12H	13.5	14.8	13.9	15.2	15.6	17.1	18.4	17.6	18.8	19.2
4H	2H	11.2	12.6	11.6	13.0	13.3	12.6	14.0	13.0	14.4	14.7
	3H	12.7	14.0	13.2	14.4	14.8	14.6	15.8	15.0	16.2	16.6
	4H	13.7	14.8	14.1	15.2	15.6	15.8	16.9	16.3	17.4	17.8
	6H	14.4	15.4	14.9	15.9	16.3	17.1	18.1	17.5	18.5	19.0
	8H	14.6	15.6	15.1	16.0	16.5	17.5	18.5	18.0	18.9	19.4
	12H	14.9	15.8	15.4	16.3	16.8	18.1	19.0	18.6	19.5	20.0
8H	4H	14.1	15.1	14.6	15.5	16.0	16.0	17.0	16.5	17.4	17.9
	6H	15.0	15.8	15.4	16.2	16.7	17.4	18.2	17.8	18.6	19.1
	8H	15.3	16.1	15.9	16.6	17.0	17.9	18.6	18.4	19.1	19.6
	12H	15.8	16.4	16.3	16.9	17.4	18.6	19.3	19.1	19.8	20.3
12H	4H	14.2	15.1	14.7	15.5	16.0	16.0	16.9	16.5	17.4	17.9
	6H	15.1	15.9	15.6	16.4	16.8	17.4	18.2	18.0	18.7	19.1
	8H	15.5	16.1	16.0	16.6	17.1	18.0	18.6	18.5	19.1	19.6

Abstand der Leuchten: 0.25

Aufgrund fehlender Symmetrie-Eigenschaften gelten die Werte nur für die angegebene Blickrichtung.



✓ **Optical Characteristics – Angle Performances**

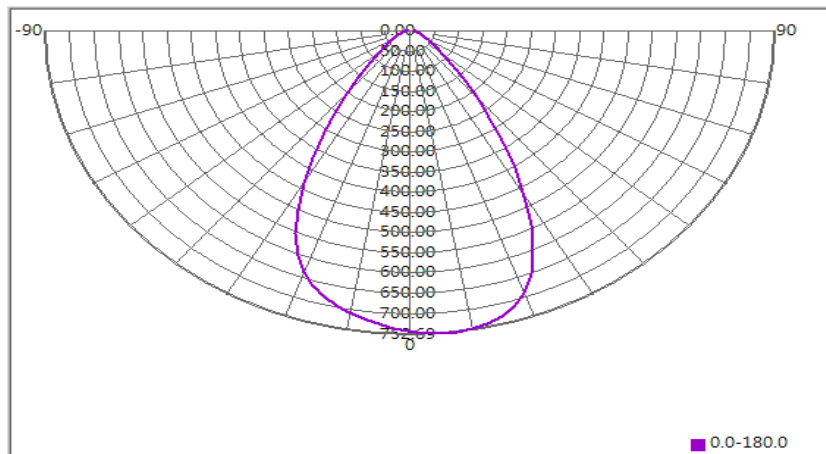
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Philips Fortimo 650lm 3R HV3	5.3 x 3.0	66°	103°
Fortimo LED Line 1ft 6501m 840 3R HV4	2.8 x 3.5	63°	98°
Fortimo LED Line 1ft 6501m 840 3R LV4	2.8 x 3.5	63°	98°
Fortimo LED Line 1ft 11001m 840 3R HV4F	3.0 x 5.0	66°	104°



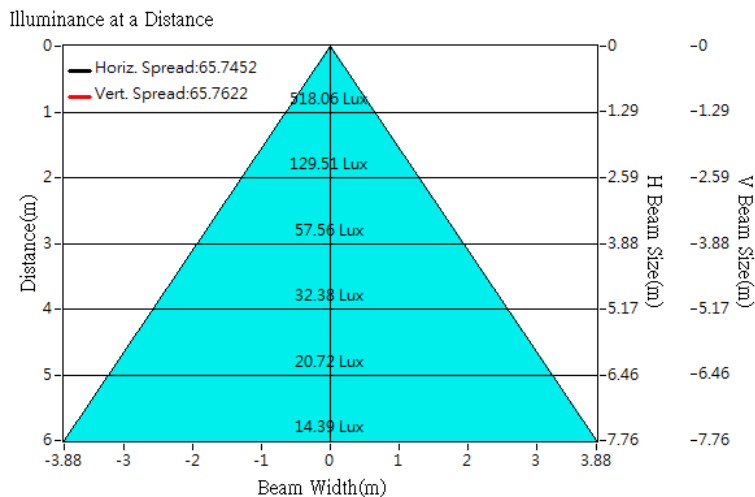
Optical Characteristics

Model Number	CKO-MX16-286061-3305	
LED	Philips Fortimo 650lm 3R HV3	
LES / LED Size	5.3 x 3 mm	
FWHM (D50)	66°	
Field Angle (D10)	103°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	696 lm	Measured @ 4.1 W
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

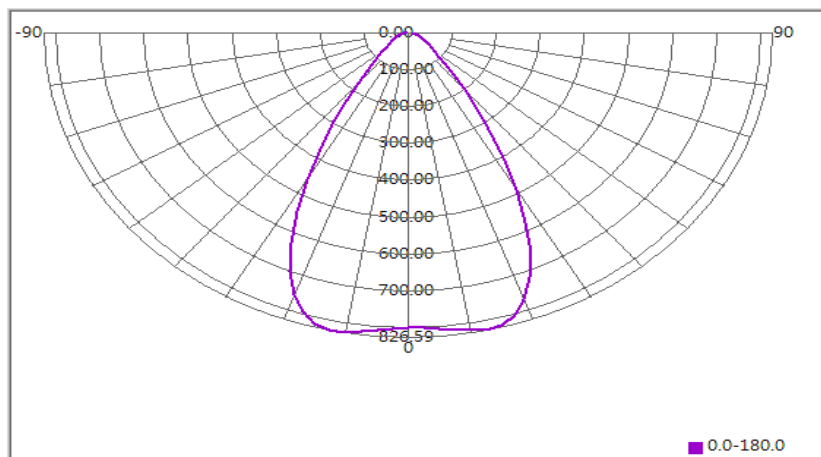




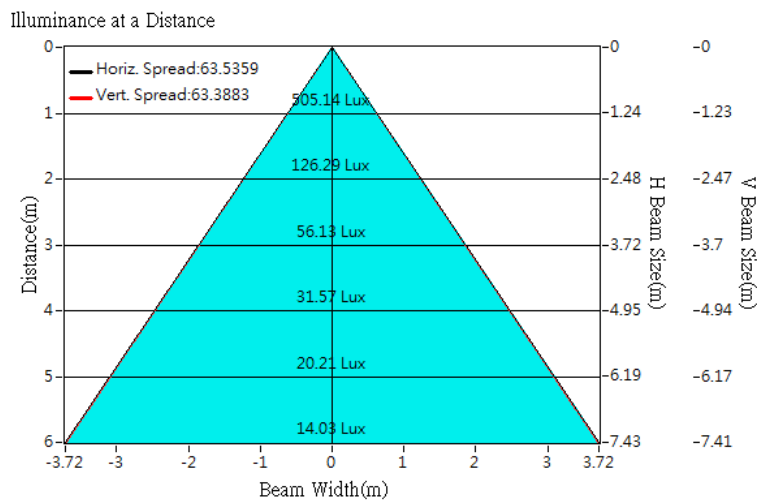
Optical Characteristics

Model Number	CKO-MX16-286061-3305	
LED	Fortimo LED Line 1ft 6501m 840 3R HV4	
LES / LED Size	2.8 x 3.5 mm	
FWHM (D50)	63°	
Field Angle (D10)	98°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	632 lm	Measured @ 3.7 W
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

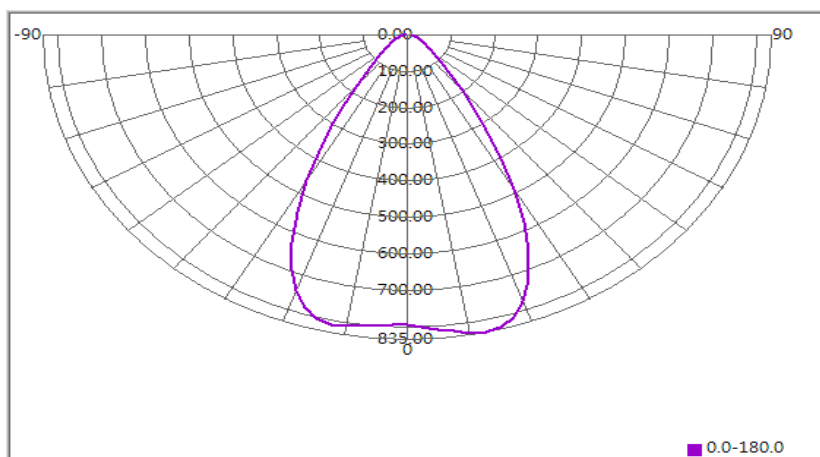




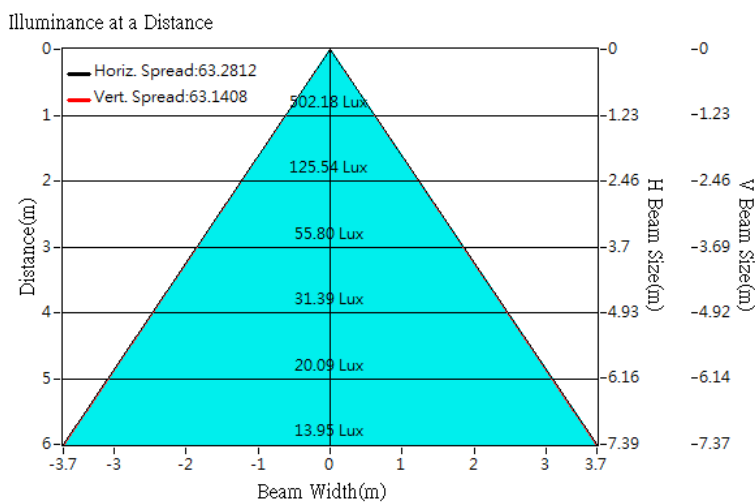
Optical Characteristics

Model Number	CKO-MX16-286061-3305	
LED	Fortimo LED Line 1ft 6501m 840 3R LV4	
LES / LED Size	2.8 x 3.5 mm	
FWHM (D50)	63°	
Field Angle (D10)	98°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	631 lm	Measured @ 3.7 W
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

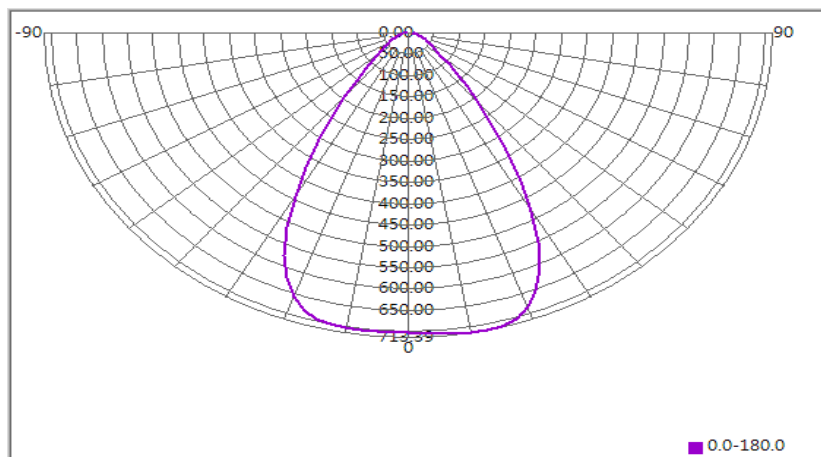




Optical Characteristics

Model Number	CKO-MX16-286061-3305	
LED	Fortimo LED Line 1ft 11001m 840 3R HV4F	
LES / LED Size	3.0 x 5.0 mm	
FWHM (D50)	66°	
Field Angle (D10)	104°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	1040 lm	Measured @ 6.2 W
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

Illuminance at a Distance

