

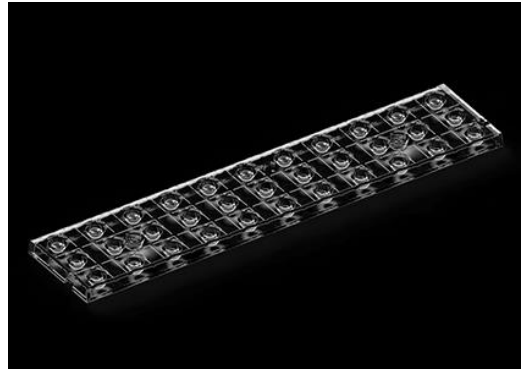


## Product Model Number

CKO-MX16-286061-3309

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

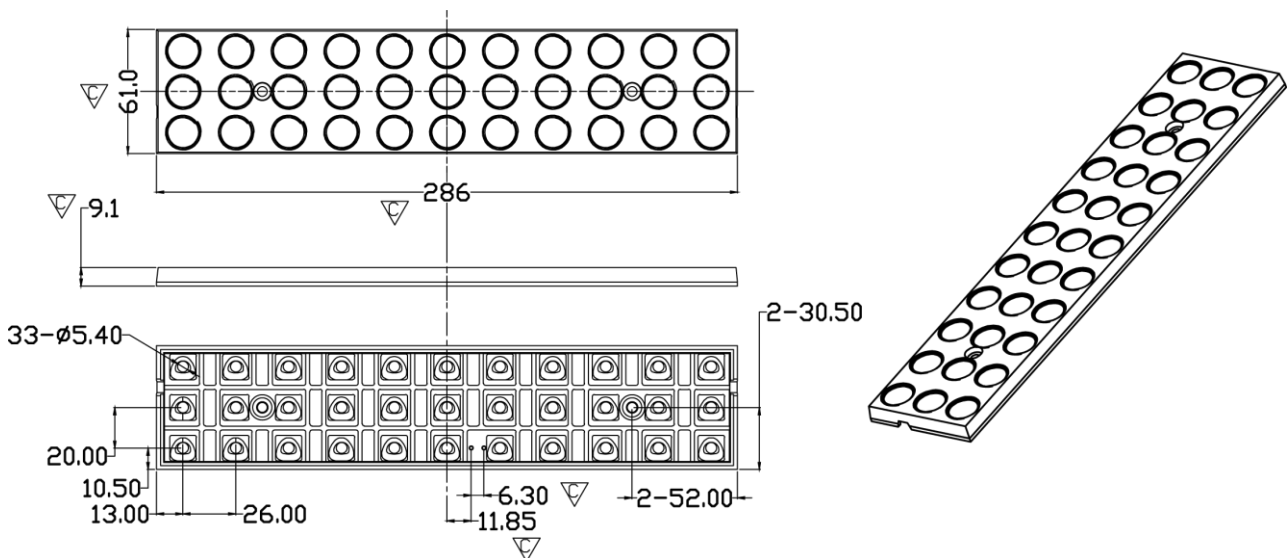


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
MX→Multi 33 in 1  
SW→Single Wall Washer  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

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

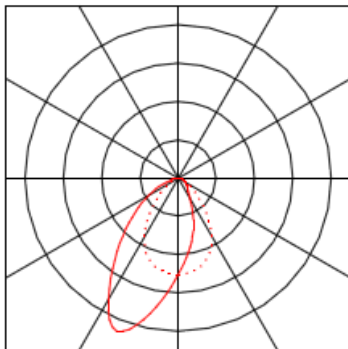


▽:Critical Dimension



## UGR Example

<b>Luminaire data</b>		<b>Equipped with</b>	
Luminaire efficiency	: 102236%	Quantity	: 1
Luminaire efficacy	: 1022.36 lm/W	Designation	: a
Classification	: A50 ↓99.9% ↑0.1%	Colour	:
CIE Flux Codes	: 64 89 97 100 102236	Luminous flux	: 1 lm
UGR 4H 8H	: <10.0 / <10.0		
Power	: 1 W		
Luminous flux	: 1022.4 lm		
Dimensions		: 1000 mm x 1000 mm x 1000 mm	



Reflectance of										
Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Floor Cavity	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Room dimension		Viewed crosswise					Viewed endwise				
x	y										
2H	2H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	3H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	4H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	6H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	8H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
12H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
4H	2H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	3H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	4H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	6H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	8H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
12H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
8H	4H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	6H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	8H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	12H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
12H	4H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	6H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	8H	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	

Distance between luminaires: 0.25

Due to missing symmetry characteristics the values apply only to the indicated line of sight.



## ✓ Optical Characteristics – Angle Performances

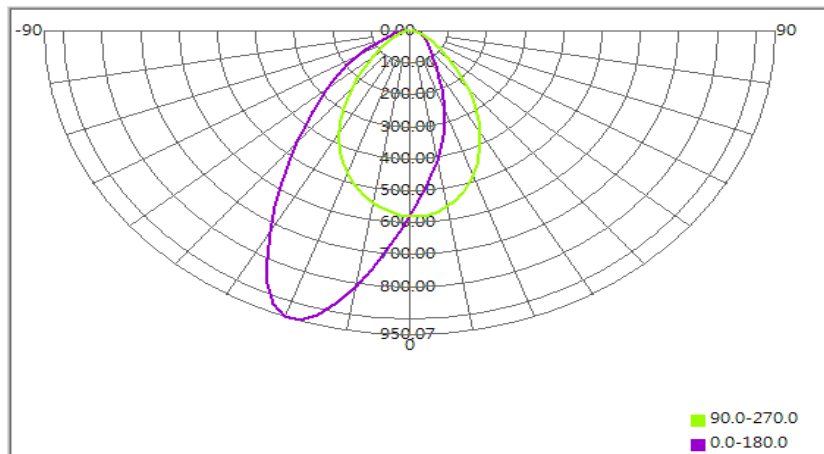
<b>Philips</b>	<b>LED LES (mm)</b>	<b>FWHM (degrees)</b>	<b>Field Angle (degrees)</b>
Fortimo LED Line 1ft 6501m 840 3R HV4	2.8 x 3.5	45°x71°	104°x125°
Fortimo LED Line 1ft 6501m 840 3R LV4	2.8 x 3.5	44°x73°	102°x124°
Fortimo LED Line 1ft 11001m 840 3R HV4F	3.0 x 5.0	45°x76°	102°x125°



## Optical Characteristics

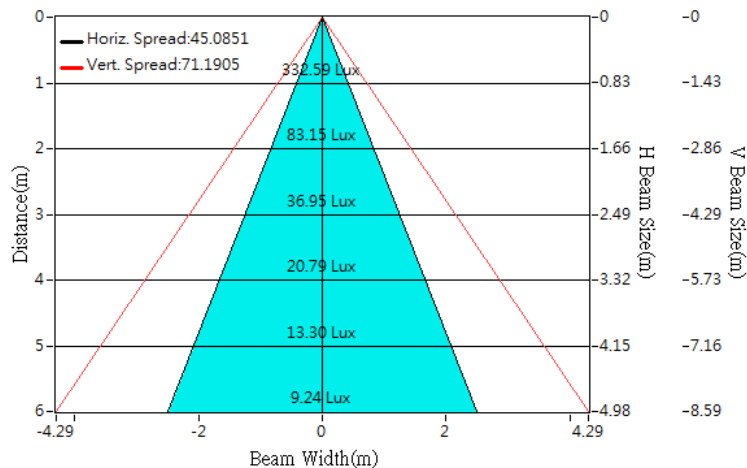
Model Number	CKO-MX16-286061-3309	
LED	<b>Fortimo LED Line 1ft 6501m 840 3R HV4</b>	
LES / LED Size	2.8 x 3.5 mm	
FWHM (D50)	45°x71°	
Field Angle (D10)	104°x125°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	574 lm	Measured @ 3.7 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

Illuminance at a Distance

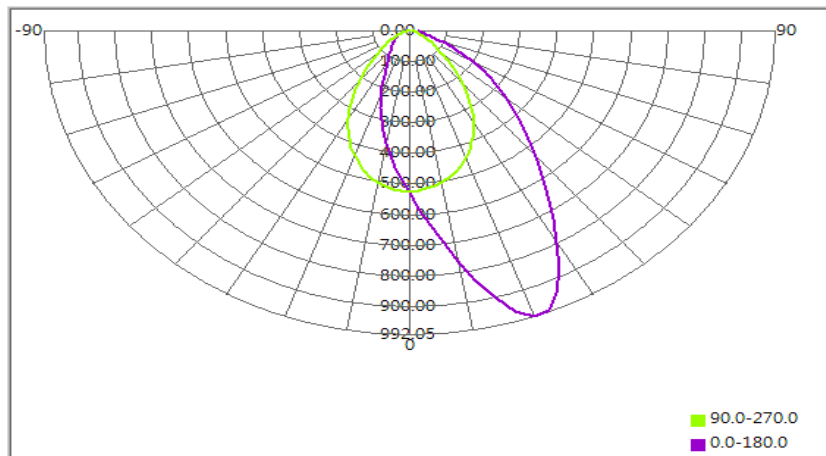




## Optical Characteristics

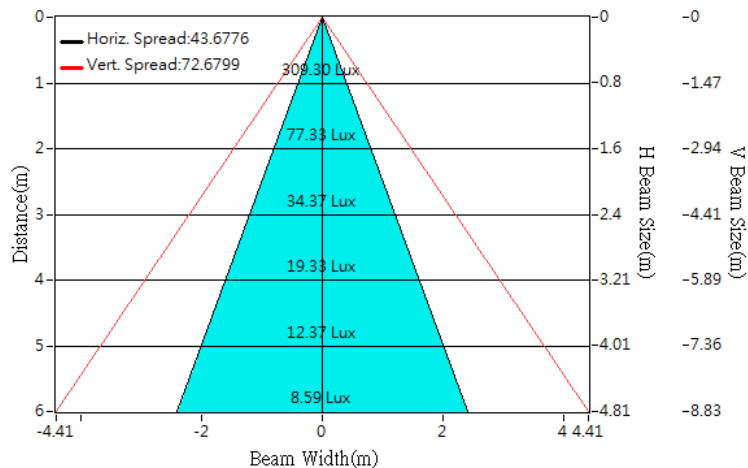
Model Number	CKO-MX16-286061-3309	
LED	<b>Fortimo LED Line 1ft 6501m 840 3R LV4</b>	
LES / LED Size	2.8 x 3.5 mm	
FWHM (D50)	44°x73°	
Field Angle (D10)	102°x124°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	587 lm	Measured @ 3.7 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

Illuminance at a Distance

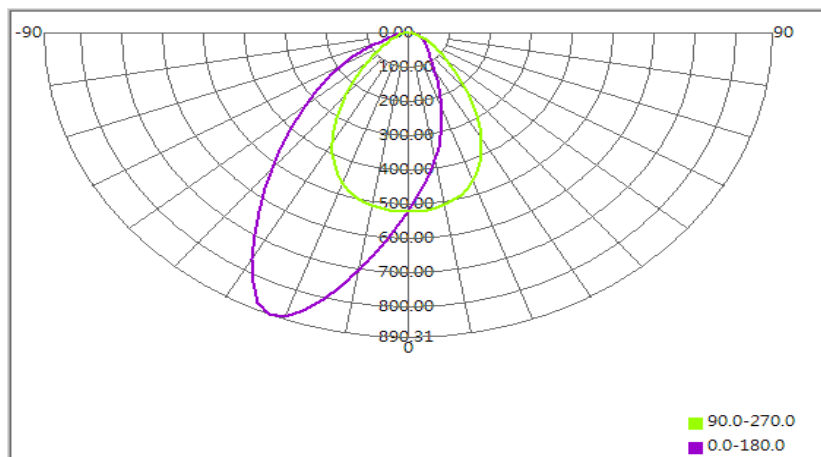




## Optical Characteristics

Model Number	CKO-MX16-286061-3309	
LED	Fortimo LED Line 1ft 11001m 840 3R HV4F	
LES / LED Size	3.0 x 5.0 mm	
FWHM (D50)	49°x76°	
Field Angle (D10)	102°x125°	
Dimension	wxh =286 x 61 mm, Thickness=9.1 mm	
Luminous Flux	965 lm	Measured @ 6.2 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

