



Product Model Number

CKO-SP16-048025-2801

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

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(A)

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(B)

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(C)

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(D)

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(E)

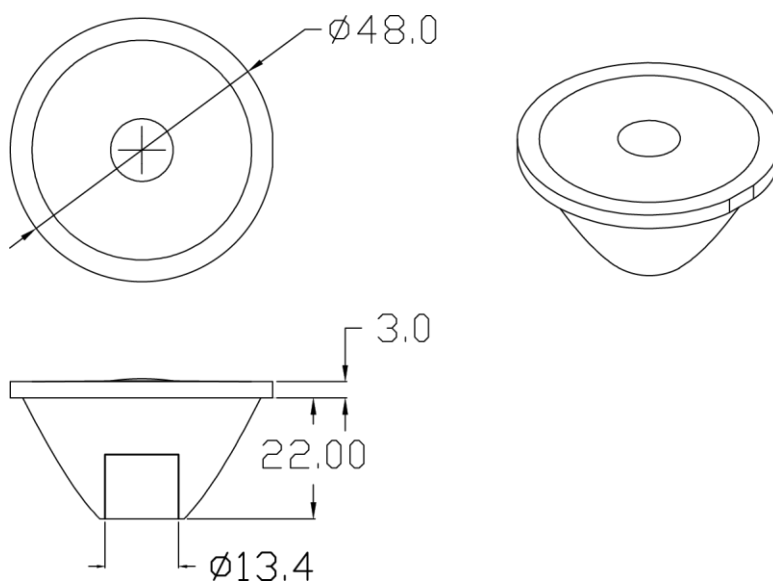


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ48 x 25

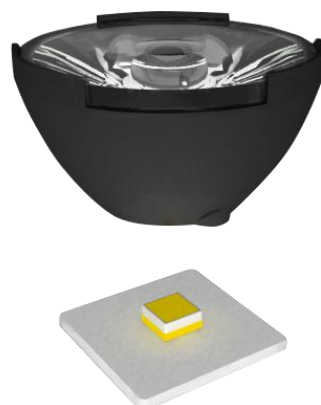


▽:Critical Dimension

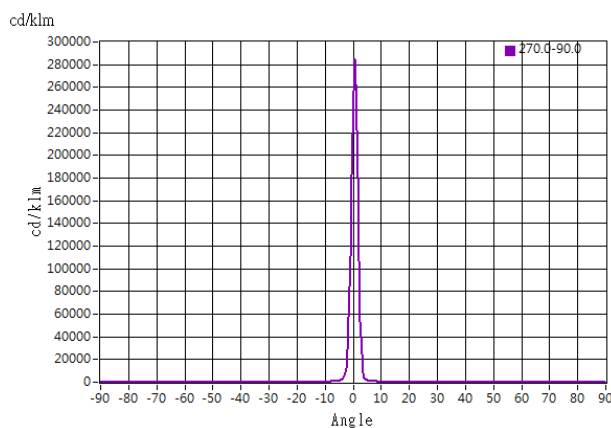
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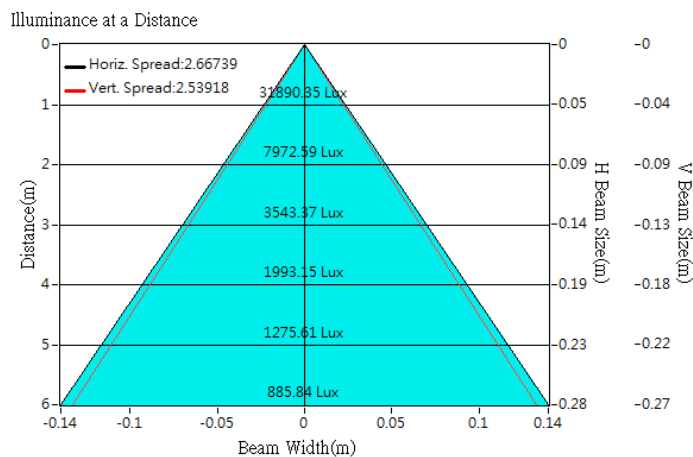
Optical Characteristics

Model Number	CKO-SP16-048025-2801		Schematic Diagram
LED	Luxeon Z		
LES / LED Size	1.3 x 1.7		
FWHM (D50)	2.5°		
Field Angle (D10)	4.9°		
Dimension with Holder	Φ =48 mm, Thickness=25 mm		
Luminous Flux	124 lm	Measured @ 1.6 W	
Material	PC / UL94V2		

cd/klm

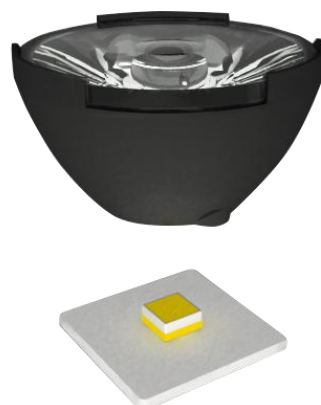


Illuminance At Distances

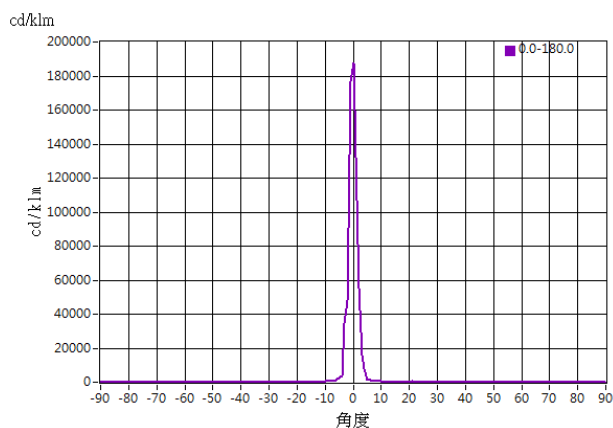




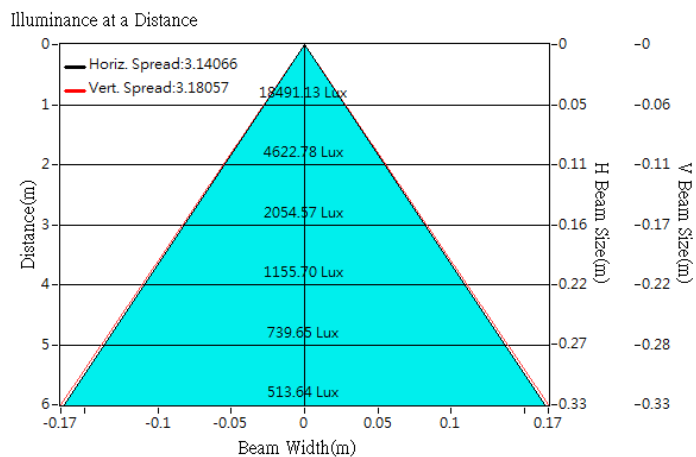
Optical Characteristics

Model Number	CKO-SP16-048025-2801		Schematic Diagram
LED	Luxeon ZES		
LES / LED Size	1.64 x 2.04		
FWHM (D50)	3.1°		
Field Angle (D10)	6°		
Dimension with Holder	Φ =48 mm, Thickness=25 mm		
Luminous Flux	98 lm	Measured @ 1.2 W	
Material	PC / UL94V2		

cd/klm

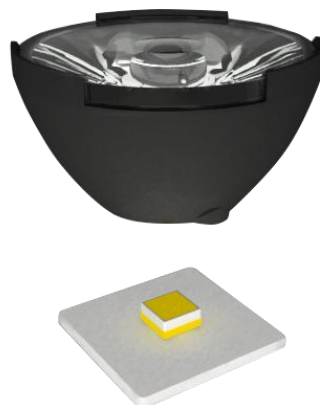


Illuminance At Distances

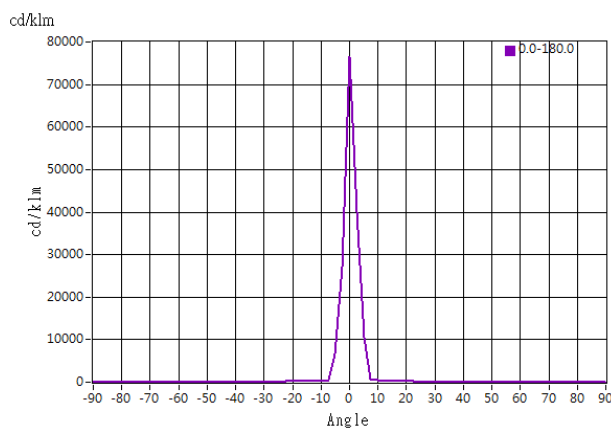




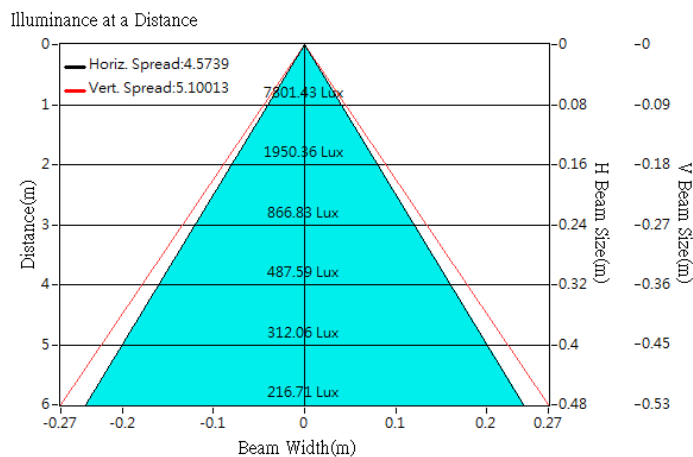
Optical Characteristics

Model Number	CKO-SP16-048025-2801		Schematic Diagram
LED	Luxeon C		
LES / LED Size	2.0 x 2.0		
FWHM (D50)	4.6°		
Field Angle (D10)	10°		
Dimension with Holder	Φ =48 mm, Thickness=25 mm		
Luminous Flux	102 lm	Measured @ 1.0 W	
Material	PC / UL94V2		

cd/klm



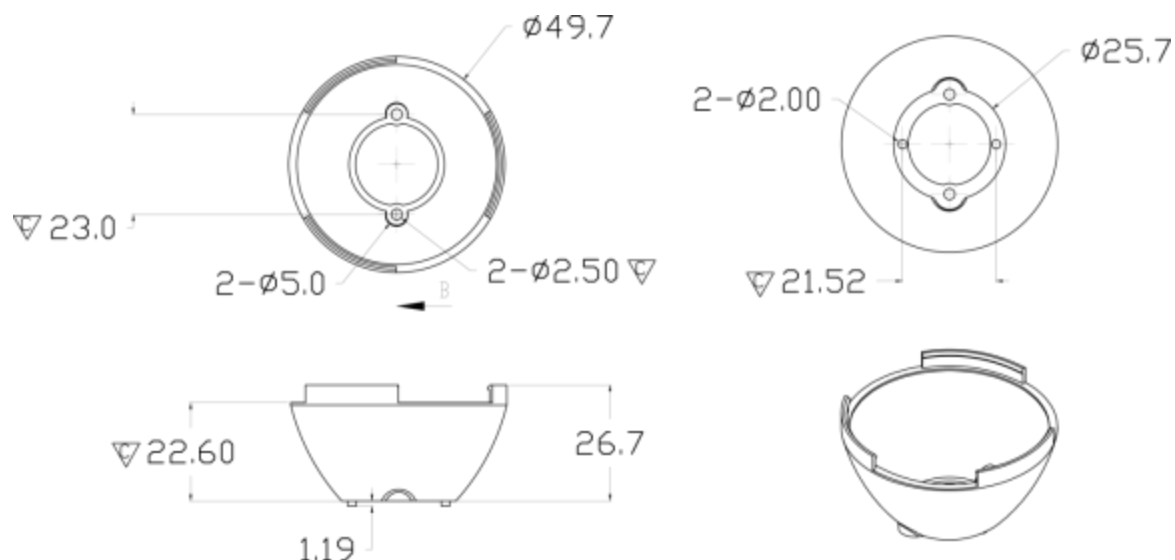
Illuminance At Distances





Lens Accessories - Lens Holder

Product Model	Size (mm)	Material
CKO-HL16-050028-3201	49.7 x 27.89	PC-V0



∇ :Critical Dimension