



Product Model Number

CKO-M712-045011-4401

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

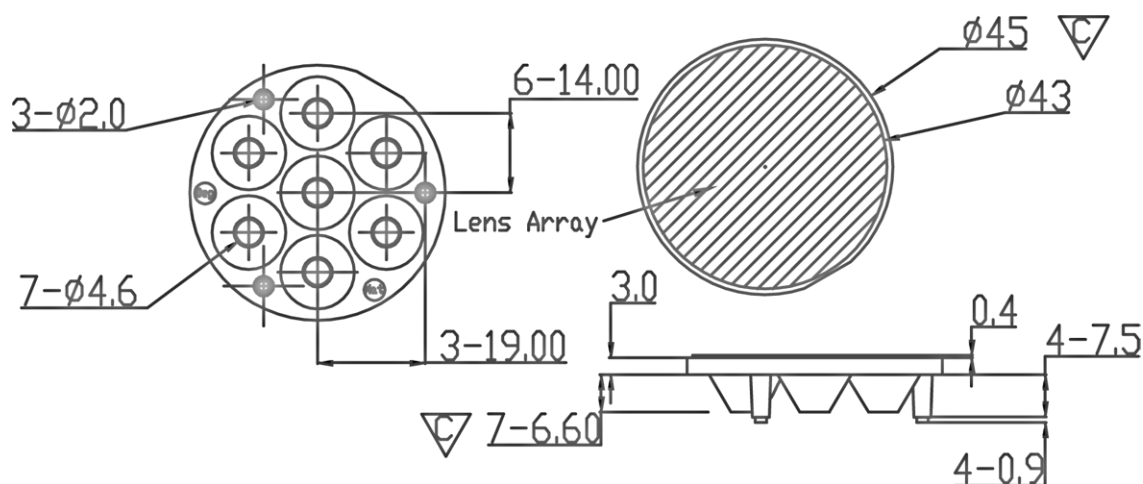


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ45 x 10.9



▽:Critical Dimension

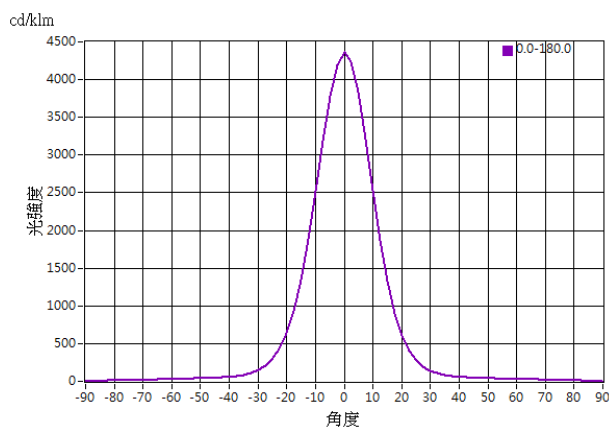
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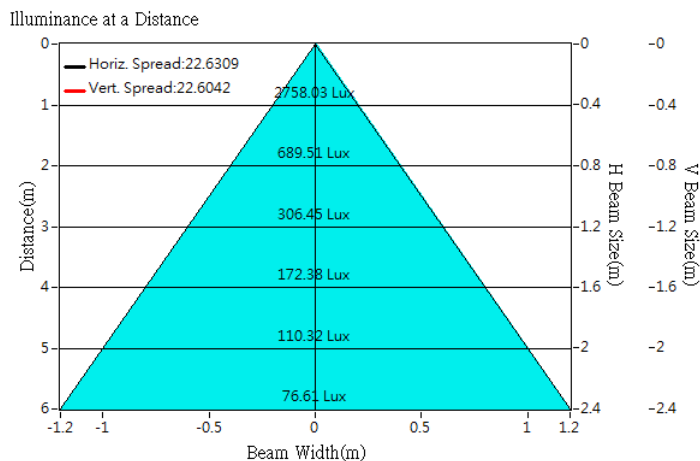
Optical Characteristics

Model Number	CKO-M712-045011-4401	
LED	Duris S5	
LES / LED Size	Φ 3 x 3 mm	
FWHM (D50)	23°	
Field Angle (D10)	45°	
Dimension	Φ =45 mm, Thickness=10.9 mm	
Luminous Flux	632 lm	Measured @ 6.5 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

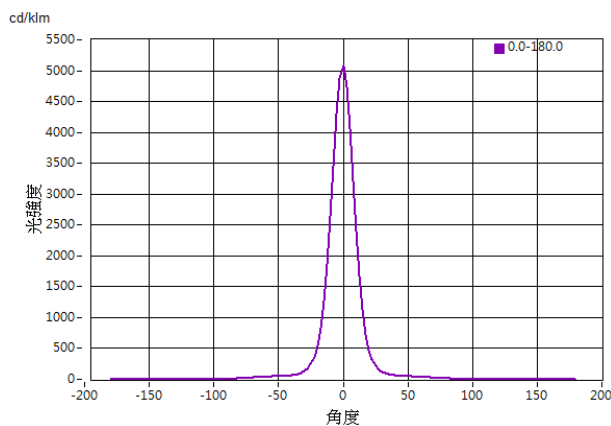




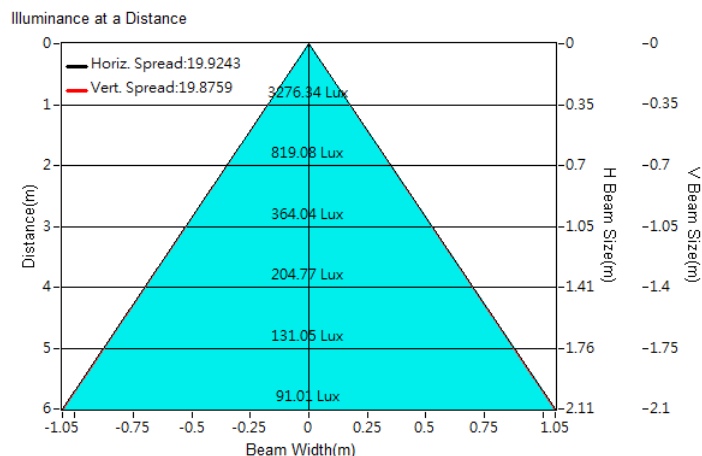
Optical Characteristics

Model Number	CKO-M712-045011-4401	
LED	Oslon SSL 80	
LES / LED Size	Φ 3 x 3 mm	
FWHM (D50)	19°	
Field Angle (D10)	40°	
Dimension	Φ =45 mm, Thickness=10.9 mm	
Luminous Flux	646 lm	Measured @ 7.2 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

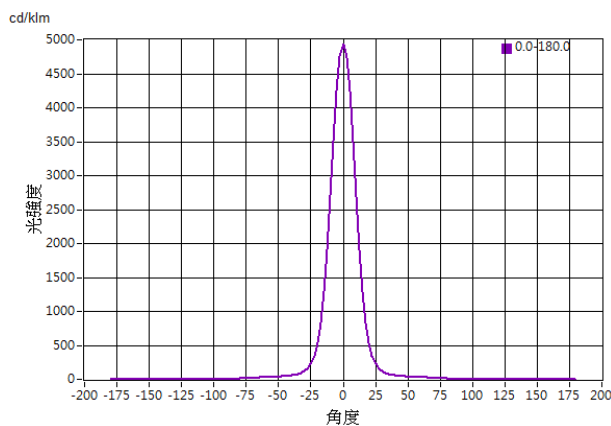




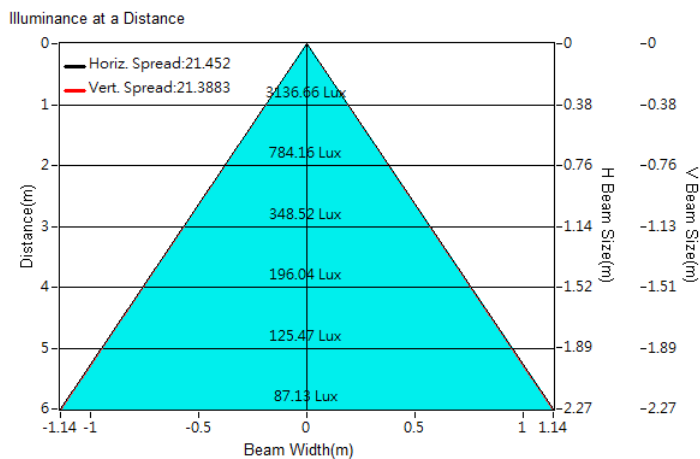
Optical Characteristics

Model Number	CKO-M712-045011-4401	
LED	Oslon SSL 150	
LES / LED Size	Φ 3 x 3 mm	
FWHM (D50)	21°	
Field Angle (D10)	41°	
Dimension	Φ =45 mm, Thickness=10.9 mm	
Luminous Flux	635 lm	Measured @ 7.3 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

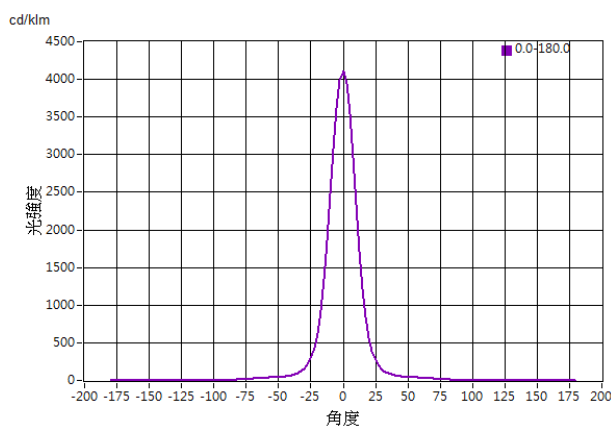




Optical Characteristics

Model Number	CKO-M712-045011-4401	
LED	Oslon Square	
LES / LED Size	Φ 3 x 3 mm	
FWHM (D50)	23°	
Field Angle (D10)	45°	
Dimension	Φ =45 mm, Thickness=10.9 mm	
Luminous Flux	643 lm	Measured @ 6.3 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

