



Product Model Number

CKO-CH15-045021-1602

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

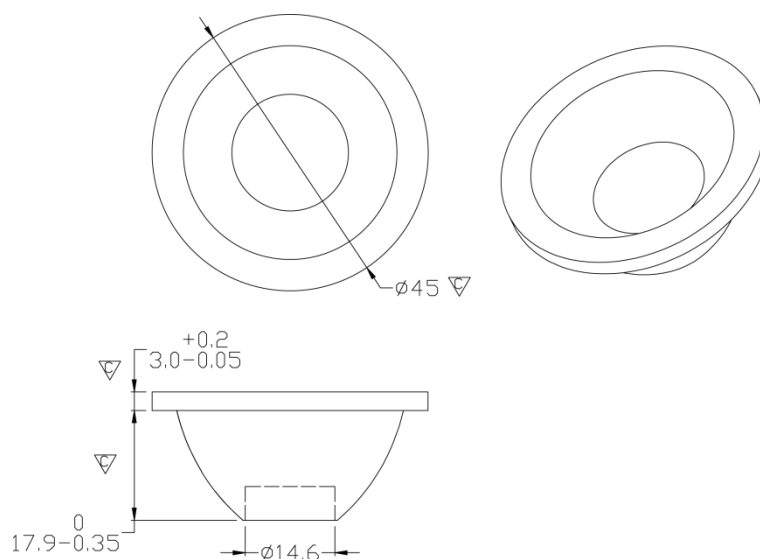


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ45 x 20.9



▽:Critical Dimension

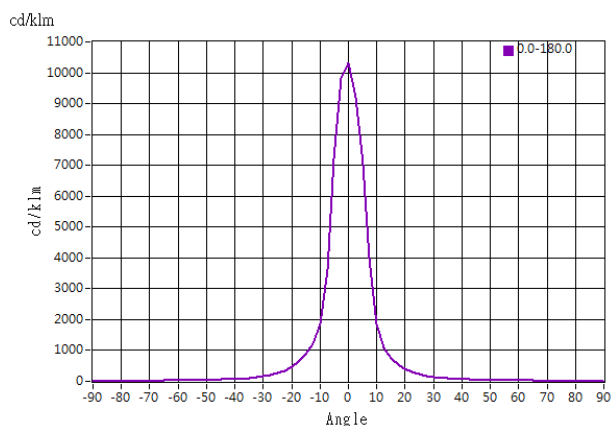
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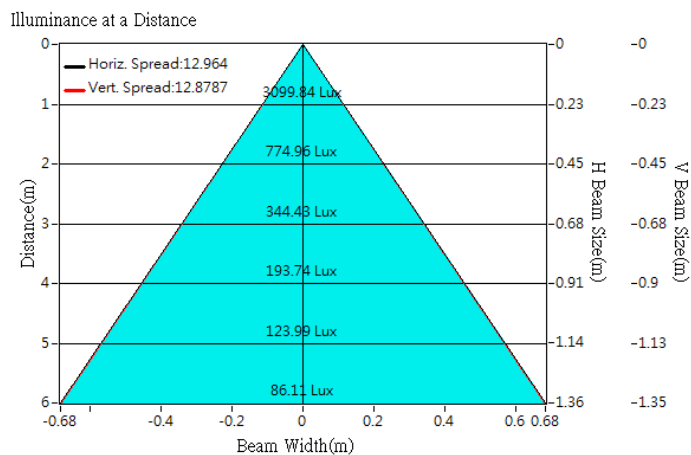
Optical Characteristics

Model Number	CKO-CH15-045021-1602		
LED	CXM-3-AC40		
LES / LED Size	Φ 3.5 mm		
FWHM (D50)	12°		
Field Angle (D10)	27°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	300 lm	Measured @ 2.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

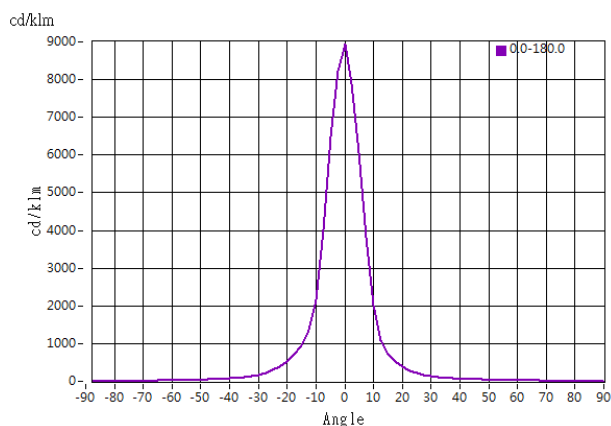




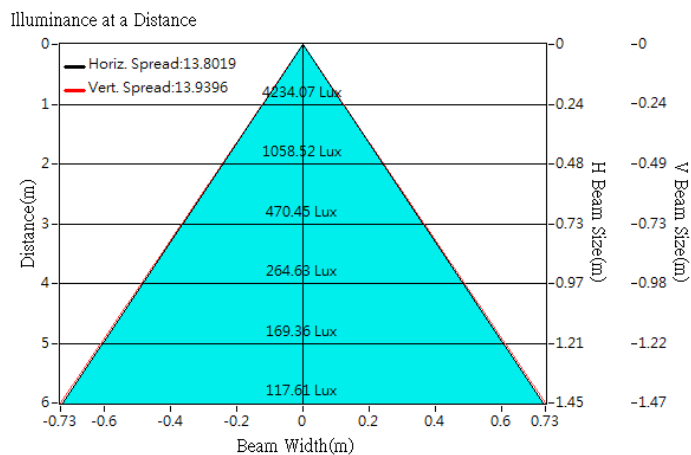
Optical Characteristics

Model Number	CKO-CH15-045021-1602		"H" definition 
LED	CXM-4-AC40		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	29°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	474 lm	Measured @ 4.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

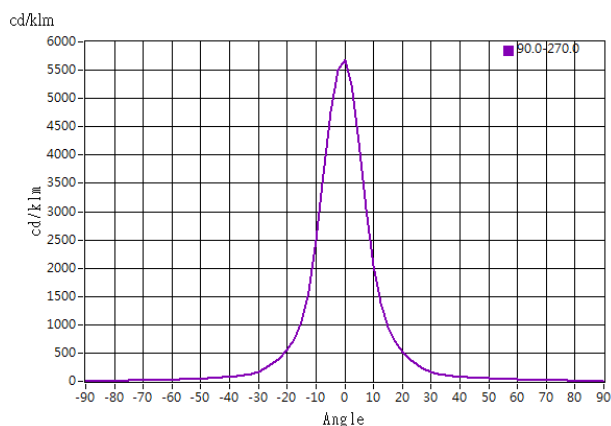




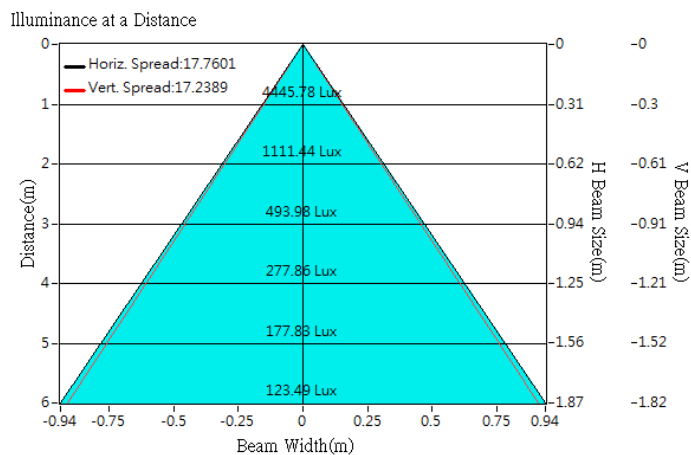
Optical Characteristics

Model Number	CKO-CH15-045021-1602		
LED	CXM-6-AC40		
LES / LED Size	Φ 6.3 mm		
FWHM (D50)	17°		
Field Angle (D10)	40°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	781 lm	Measured @ 5.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

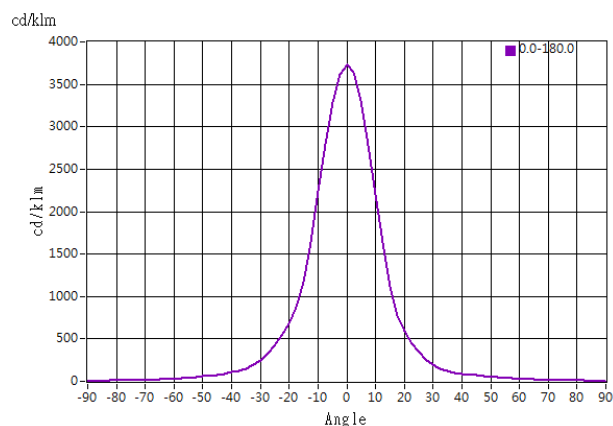




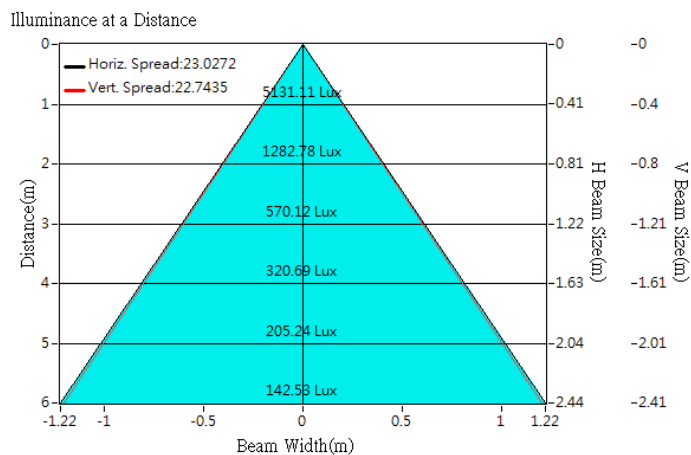
Optical Characteristics

Model Number	CKO-CH15-045021-1602		“H” definition 
LED	CXM-9-AC30		
LES / LED Size	Φ 9.6 mm		
FWHM (D50)	23°		
Field Angle (D10)	51°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1377 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

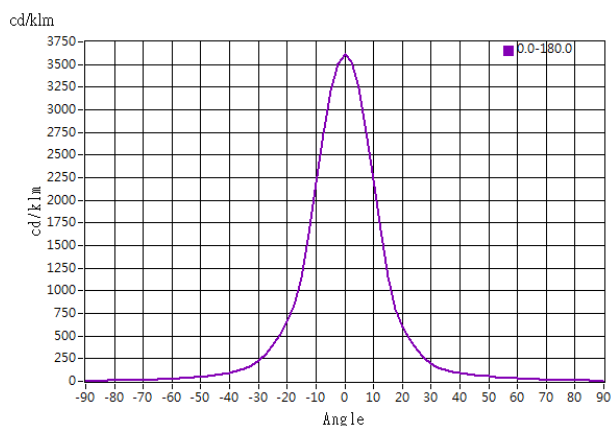




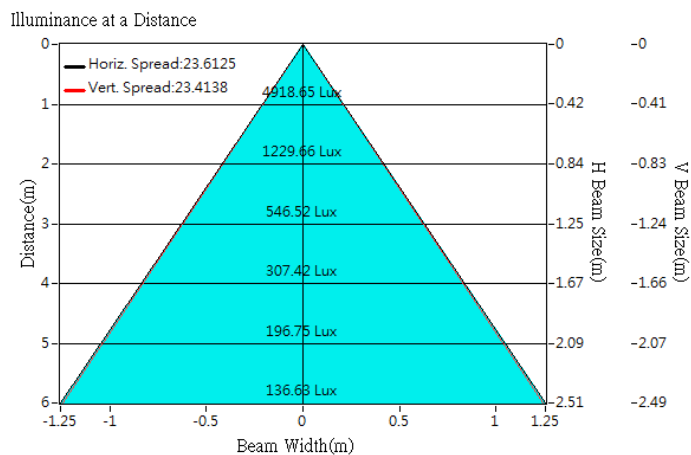
Optical Characteristics

Model Number	CKO-CH15-045021-1602		“H” definition 
LED	CXM-9-AC40		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	24°		
Field Angle (D10)	51°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1362 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

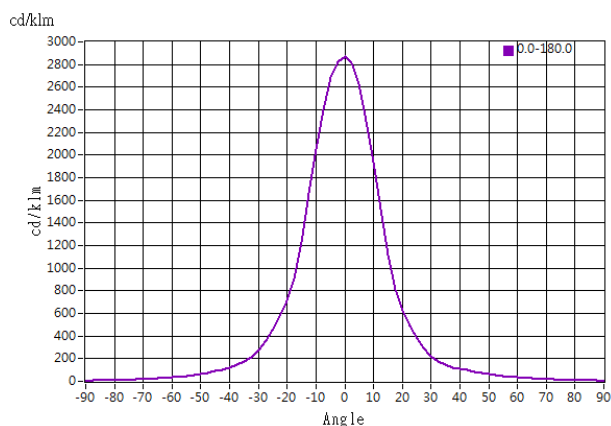




Optical Characteristics

Model Number	CKO-CH15-045021-1602		"H" definition 
LED	CXM-11-AC30		
LES / LED Size	Φ 11.7 mm		
FWHM (D50)	27°		
Field Angle (D10)	57°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1611 lm	Measured @ 15.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

