



Product Model Number

CKO-CS18-035018-1301

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

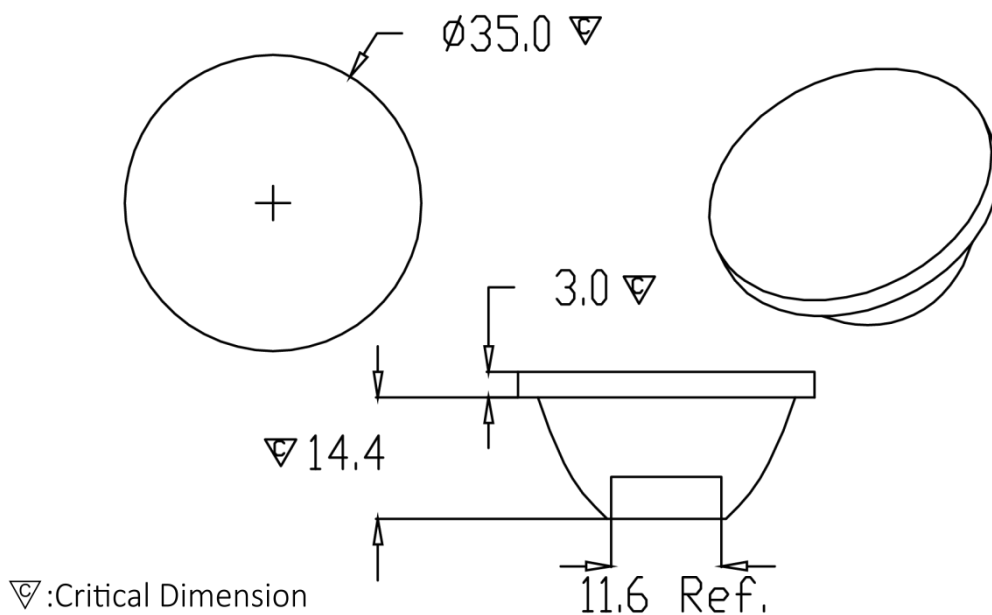


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ35 x 17.4





✓ **Optical Characteristics – Angle Performances**

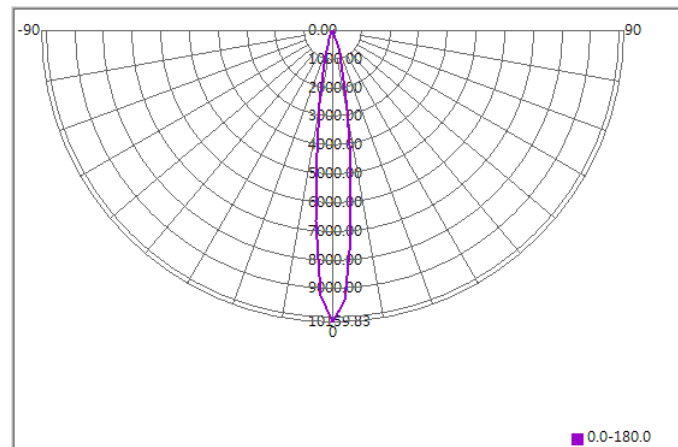
Luminus	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CXM-3-AC40	Φ3.5	13°	31°
CXM-4-AC40	Φ4.5	16°	36°
CXM-6-AC40	Φ6.3	20°	46°
CXM-9-AC30	Φ9.6	26°	59°
CXM-9-AC40	Φ9.8	27°	60°
CXM-11-AC30	Φ11.7	30°	67°



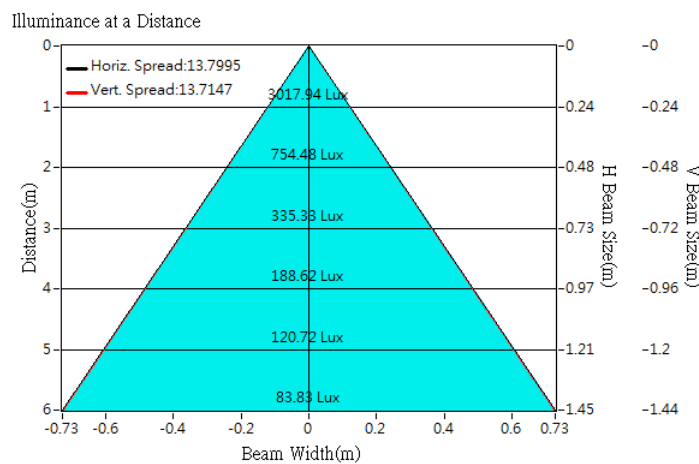
Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> <p>LES CoB</p>
LED	CXM-3-AC40		
LES / LED Size	Φ 3.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	31°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	297 lm	Measured @ 2.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

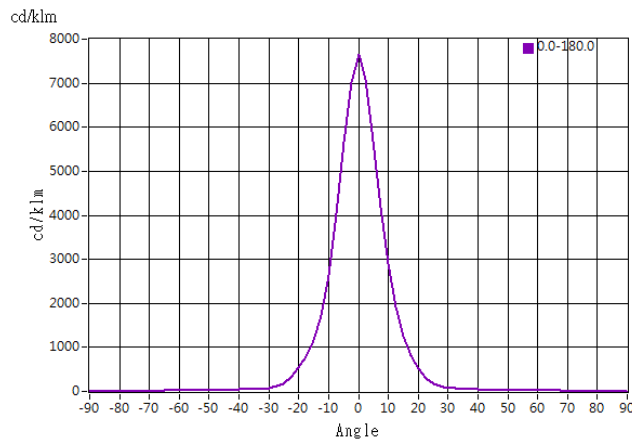




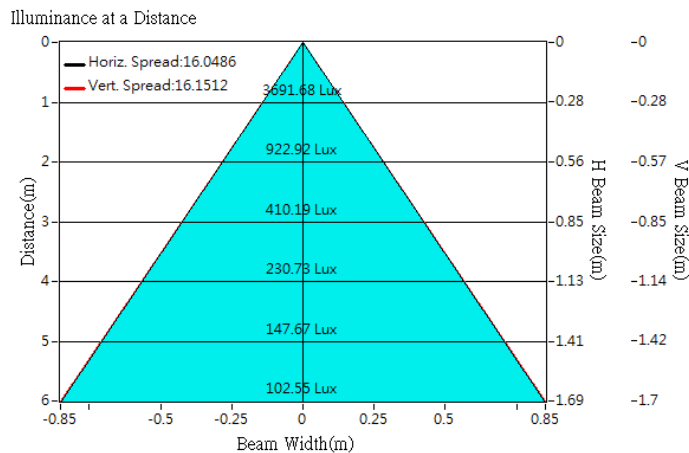
Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> <p>LES CoB</p>
LED	CXM-4-AC40		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	16°		
Field Angle (D10)	36°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	482 lm	Measured @ 4.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

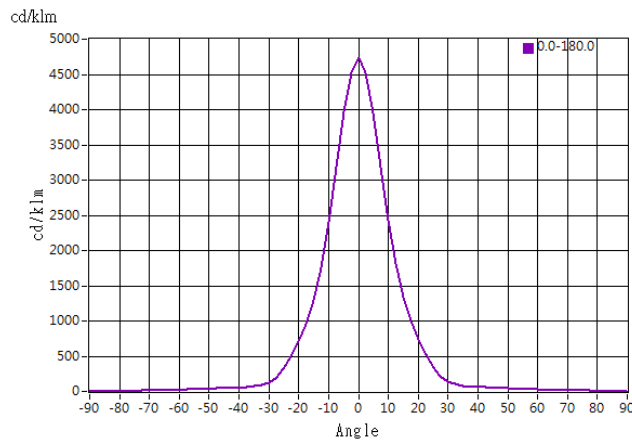




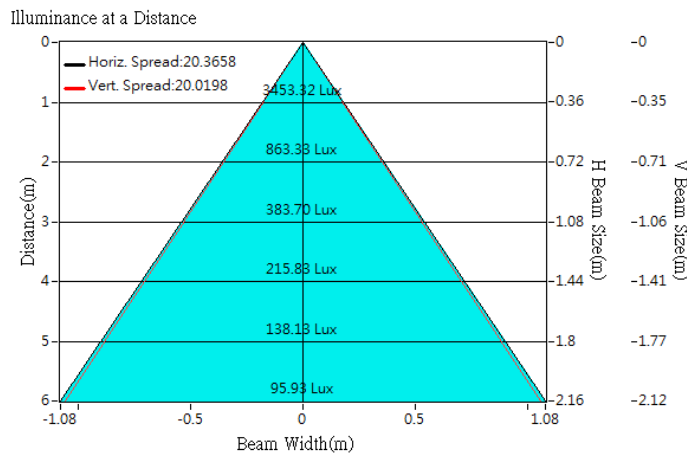
Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	CXM-6-AC40		
LES / LED Size	Φ 6.3 mm		
FWHM (D50)	20°		
Field Angle (D10)	46°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	728 lm	Measured @ 5.1 W	
Material	PC / UL94V2		

cd/klm

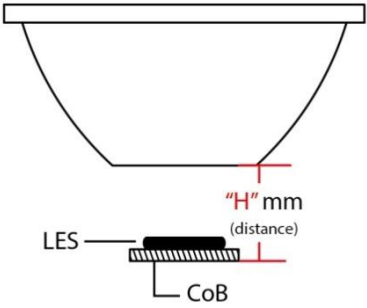


Illuminance At Distances

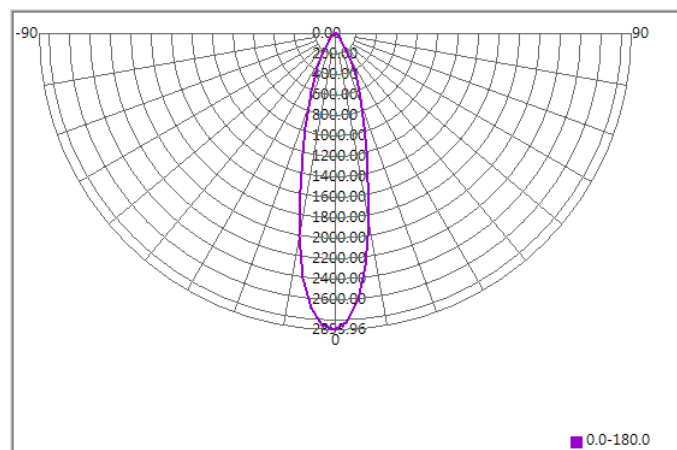




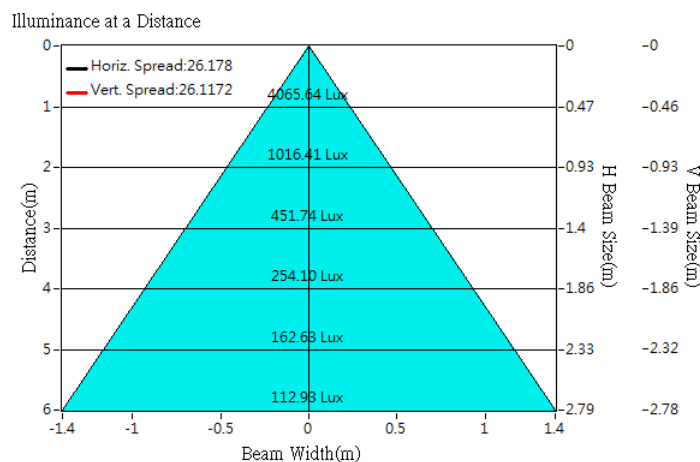
Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> 
LED	CXM-9-AC30		
LES / LED Size	Φ 9.6 mm		
FWHM (D50)	26°		
Field Angle (D10)	59°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1404 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

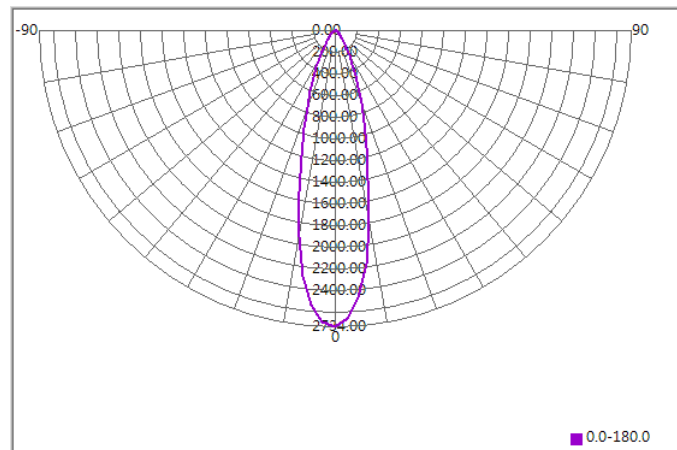




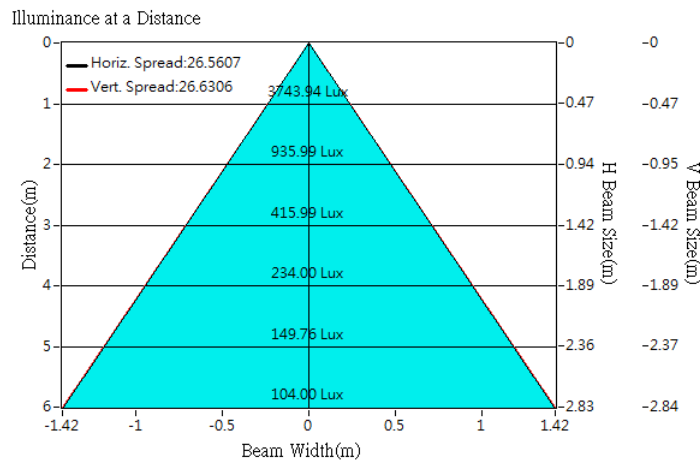
Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	CXM-9-AC40		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	27°		
Field Angle (D10)	60°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1369 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

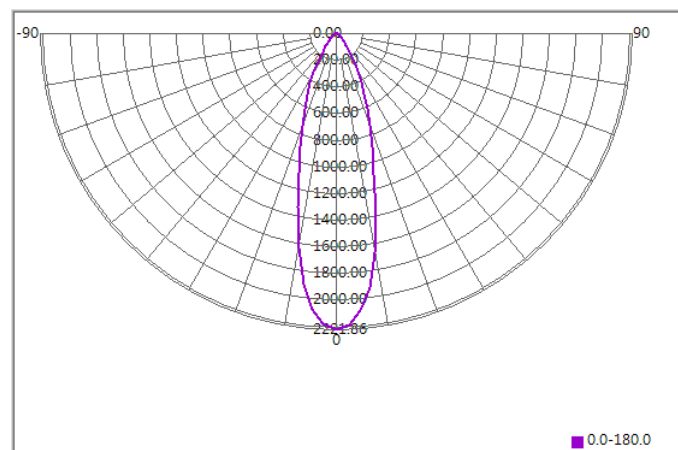




Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	CXM-11-AC30		
LES / LED Size	Φ 11.7 mm		
FWHM (D50)	30°		
Field Angle (D10)	67°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1679 lm	Measured @ 15.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

