



Product Model Number

CKO-SA18-025014-0909

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

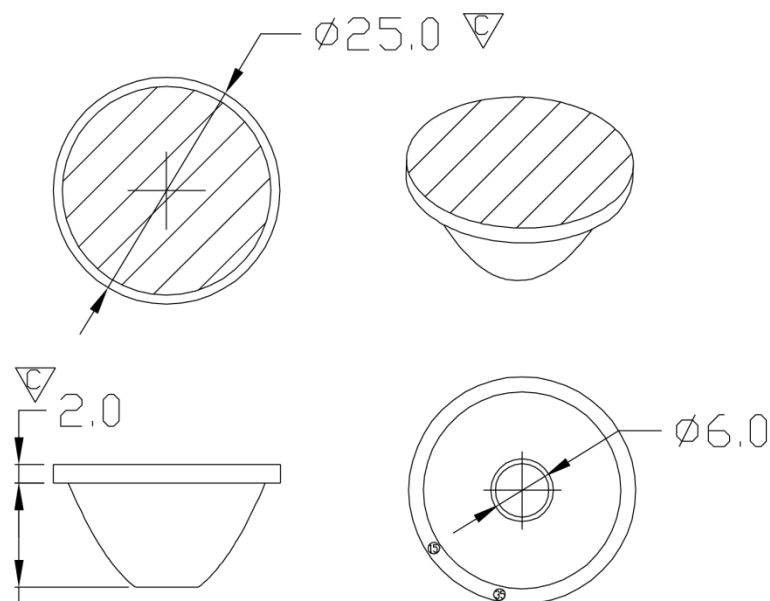


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- C. Identity Code
- D. Lens / Fixture Size
Ex: 025014=Φ25mm / Thickness=13.5mm (round up)
- C. Serial Numbers

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

✓ Dimensions (mm) : Φ25x13.5



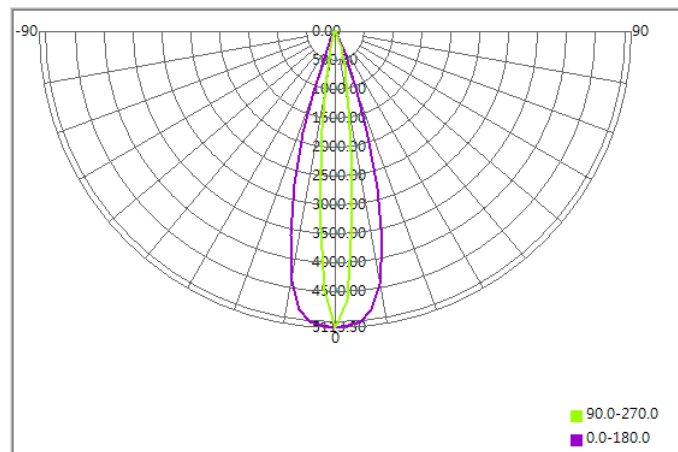
▽:Critical Dimension



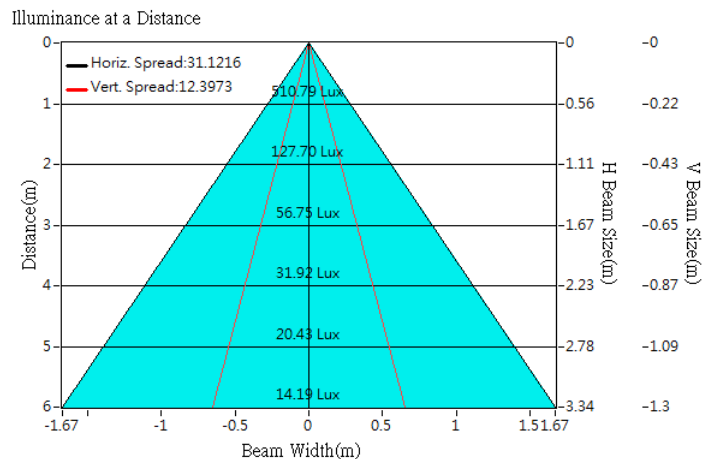
Optical Characteristics

Model Number	CKO-CS18-025014-0909		<p>"H" definition</p>
LED	Cree J Series 3030		
LES / LED Size	3.0 x 3.0		
FWHM (D50)	12°x31°		
Field Angle (D10)	29°x47°		
H (distance)	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	99.8 lm	Measured @ 0.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

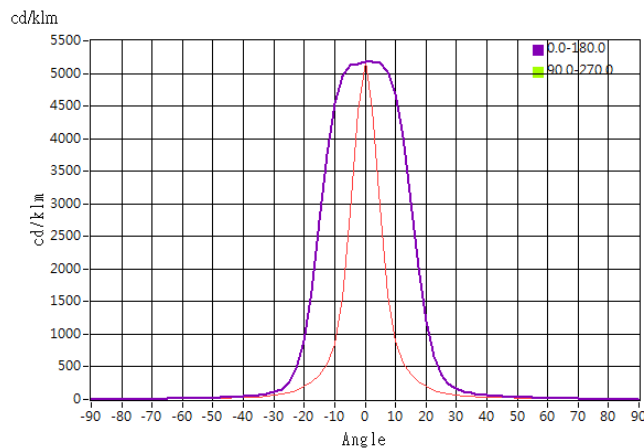




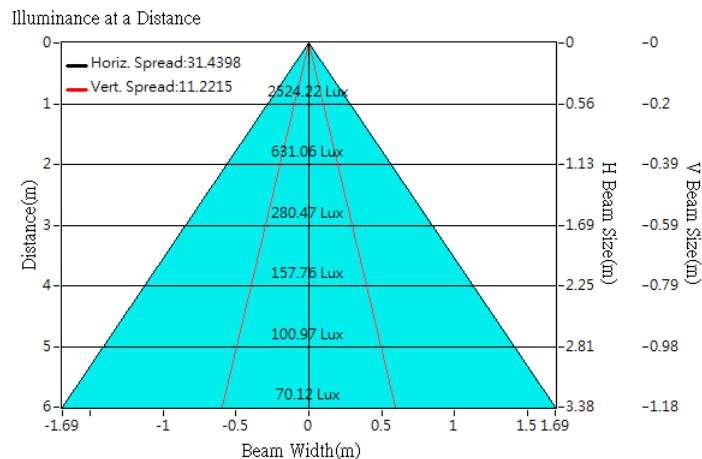
Optical Characteristics

Model Number	CKO-SA18-025014-0909		<p>"H" definition</p>
LED	XP-L HI		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	11°x31°		
Field Angle (D10)	26°x46°		
H (distance)	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	487 lm	Measured @ 4.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

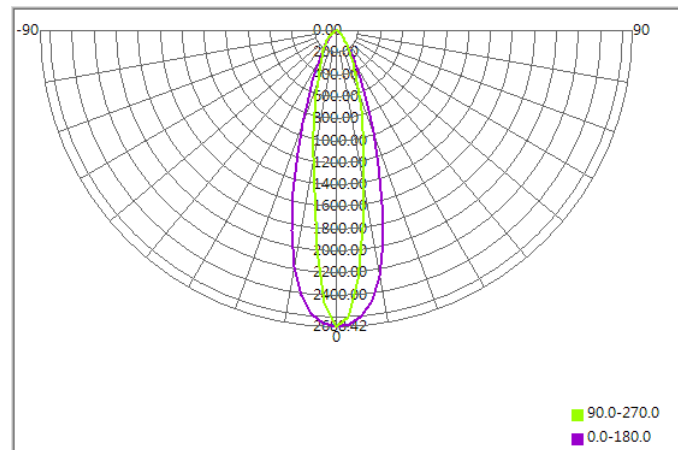




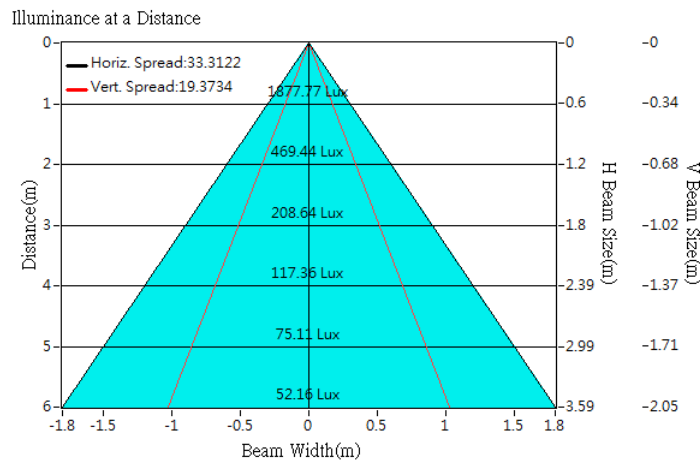
Optical Characteristics

Model Number	CKO-SA18-025014-0909		<p>"H" definition</p> <p>LES CoB</p>
LED	CMA1303		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	19°x33°		
Field Angle (D10)	58°x65°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	698 lm	Measured @ 7.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

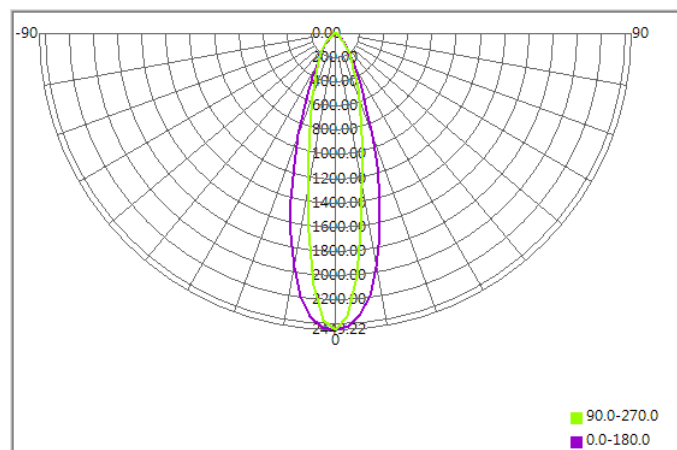




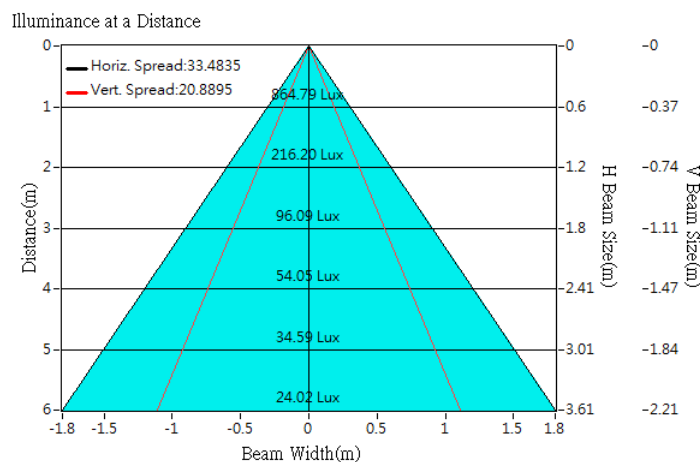
Optical Characteristics

Model Number	CKO-SA18-025014-0909		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	21°x33°		
Field Angle (D10)	64°x67°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	353 lm	Measured @ 3.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

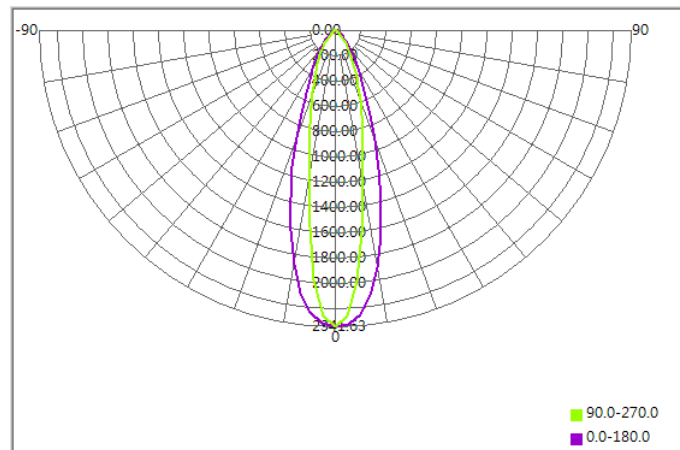




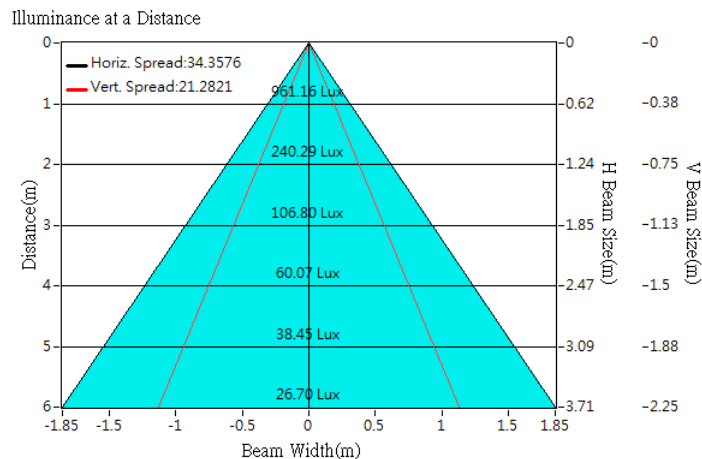
Optical Characteristics

Model Number	CKO-SA18-025014-0909		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	21°x34°		
Field Angle (D10)	64°x72°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	410 lm	Measured @ 3.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

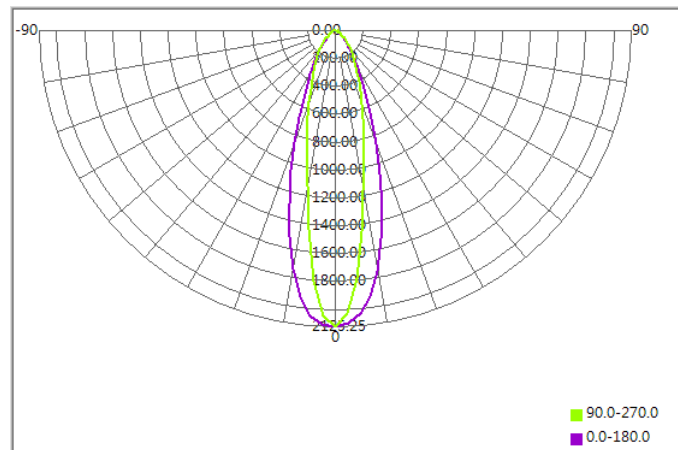




Optical Characteristics

Model Number	CKO-SA18-025014-0909		<p>"H" definition</p>
LED	CXB1310		
LES / LED Size	Φ 6 mm		
FWHM (D50)	22°x35°		
Field Angle (D10)	73°x73°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1311 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

