



Product Model Number

CKO-SA18-025014-0911

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

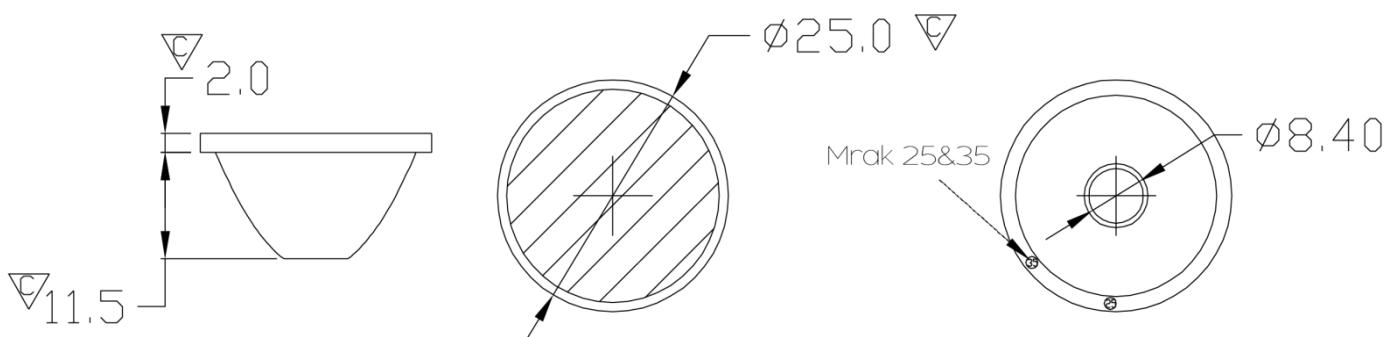


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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

Chun Kuang Optics Corp.

2021/12/28

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✓ **Optical Characteristics – Angle Performances**

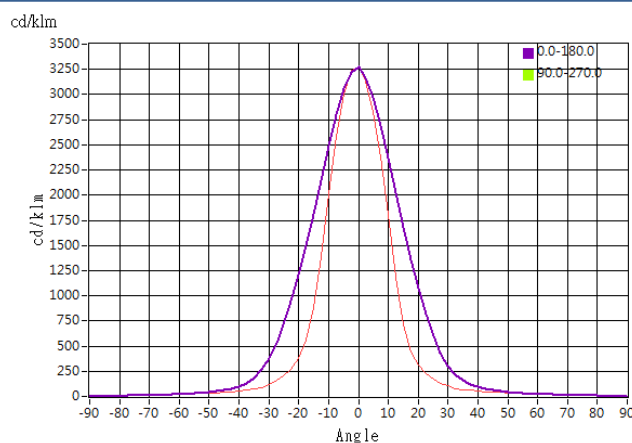
Cree	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
J Series 3030	3.0 x 3.0	22°x32°	41°x61°
XP-L HI	3.45 x 3.45	27°x33°	47°x66°
CMA1303	Φ4.5	26°x33°	50°x66°
CXA1304	Φ6	31°x36°	58°x73°
CXB1304	Φ6	32°x37°	58°x75°
CMA1306	Φ6	32°x37°	61°x77°
CXB1310	Φ6	31°x37°	59°x74°



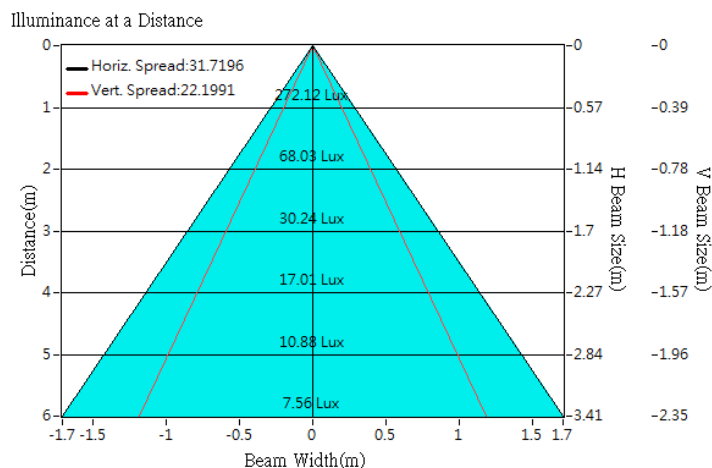
Optical Characteristics

Model Number	CKO-SA18-025014-0911		
LED	Cree J Series 3030		
LES / LED Size	3.0 x 3.0		
FWHM (D50)	22°x32°		
Field Angle (D10)	41°x61°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	83lm	Measured @ 0.58 W	
Material	PC / UL94V2		

cd/klm

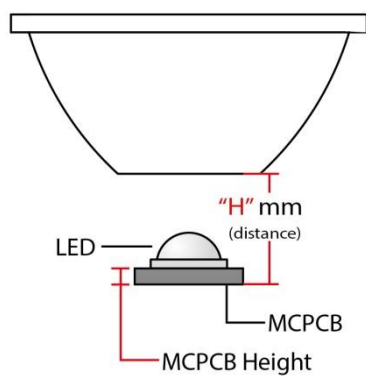


Illuminance At Distances

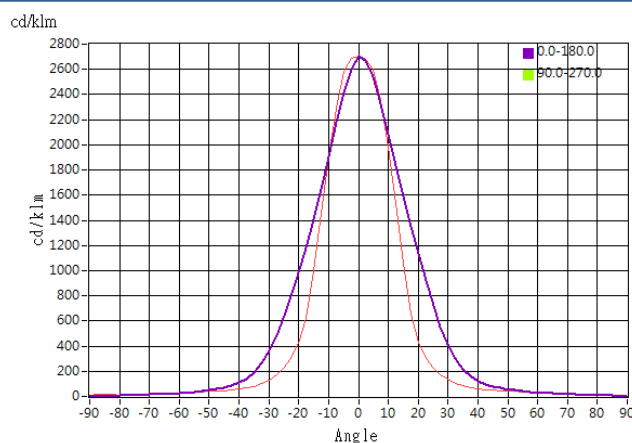




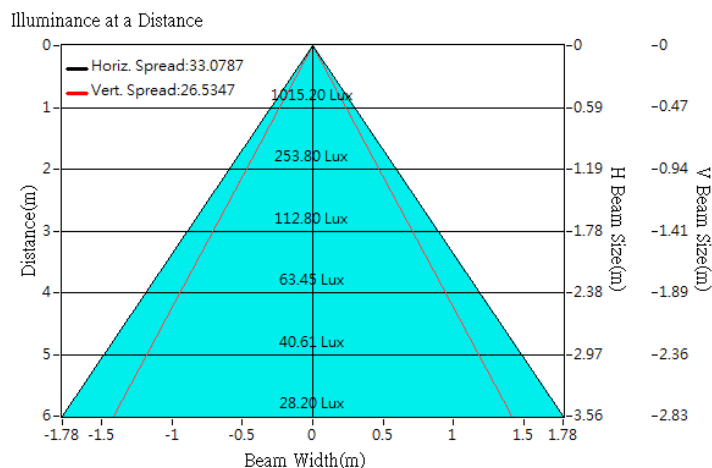
Optical Characteristics

Model Number	CKO-SA18-025014-0911		"H" definition
LED	XP-L HI		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	27°x33°		
Field Angle (D10)	47°x66°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	375 Lm	Measured @ 5.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

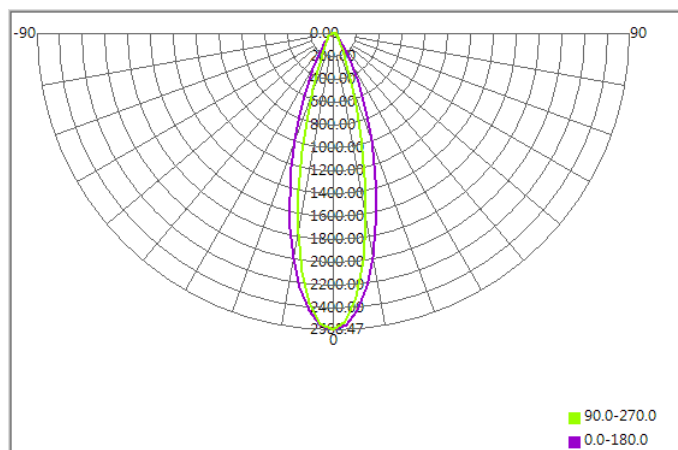




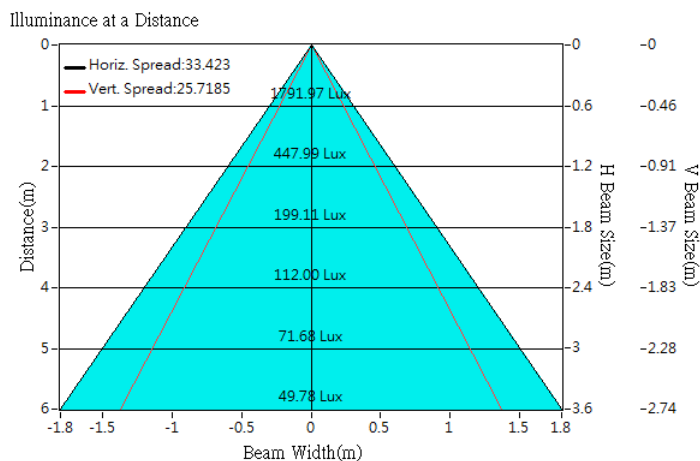
Optical Characteristics

Model Number	CKO-SA18-025014-0911		
LED	CMA1303		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	26°x33°		
Field Angle (D10)	50°x66°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	692 lm	Measured @ 7.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

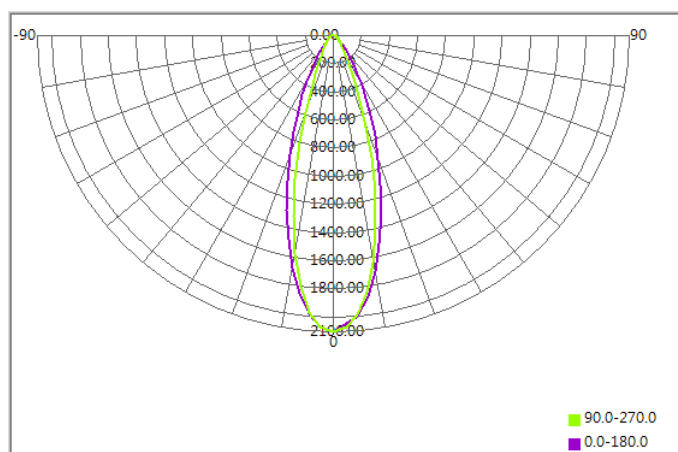




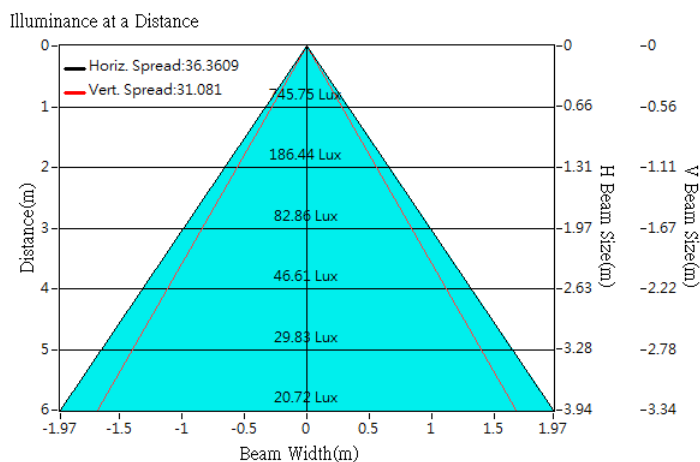
Optical Characteristics

Model Number	CKO-SA18-025014-0911		
LED	CXA1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	31°x36°		
Field Angle (D10)	58°x73°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	354 lm	Measured @ 3.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

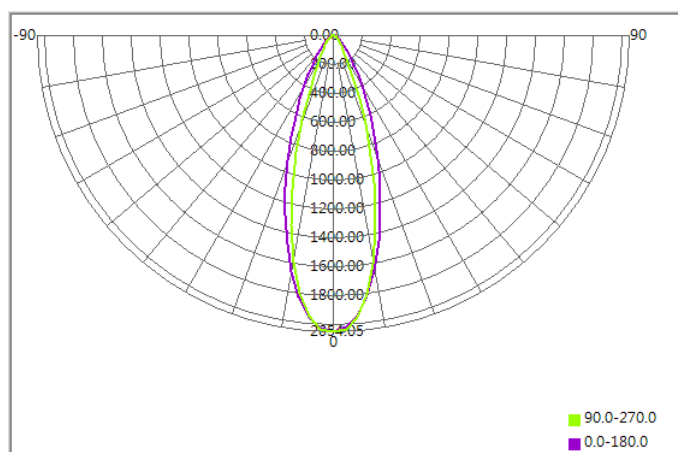




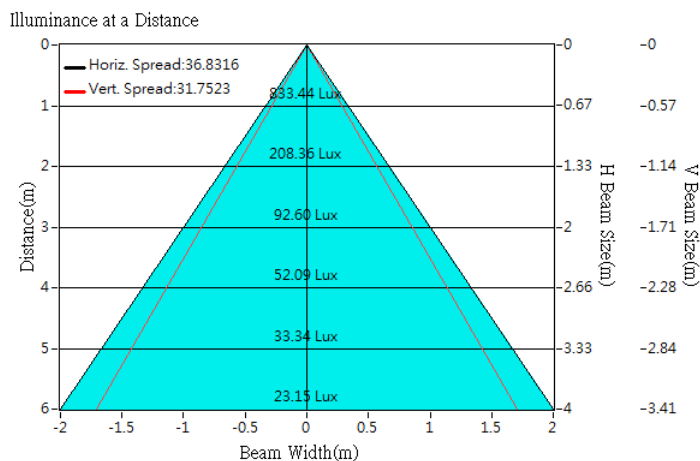
Optical Characteristics

Model Number	CKO-SA18-025014-0911		
LED	CXB1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	32°x37°		
Field Angle (D10)	58°x75°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	405 lm	Measured @ 3.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

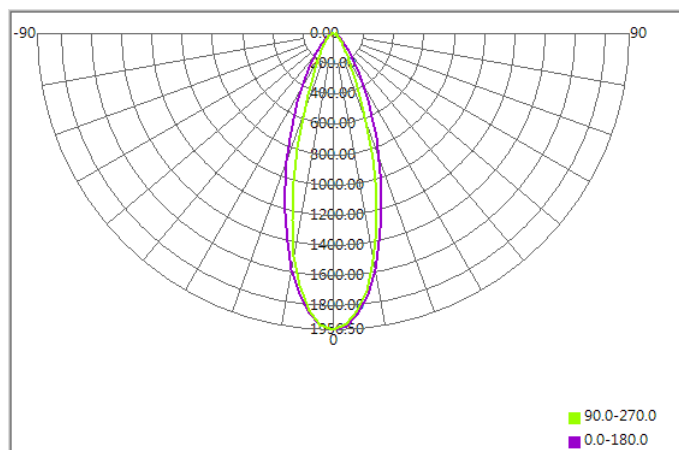




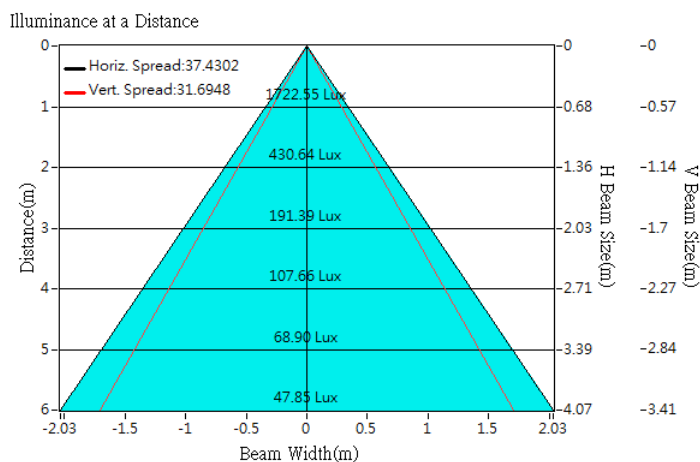
Optical Characteristics

Model Number	CKO-SA18-025014-0911		
LED	CMA1306		
LES / LED Size	Φ 6 mm		
FWHM (D50)	32°x37°		
Field Angle (D10)	61°x77°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	880 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

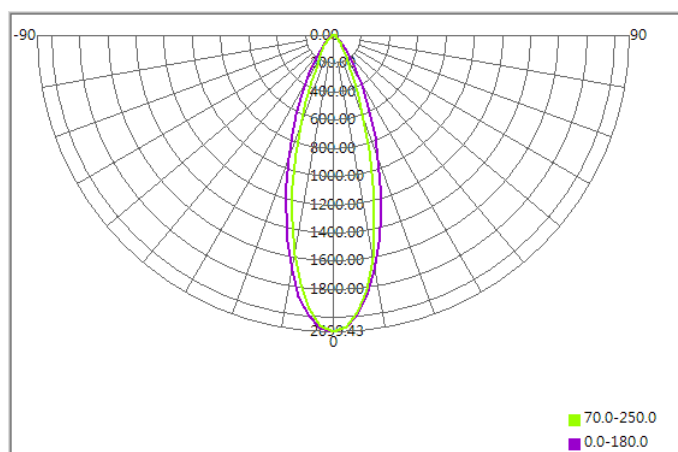




Optical Characteristics

Model Number	CKO-SA18-025014-0911		"H" definition
LED	CXB1310		
LES / LED Size	Φ 6 mm		
FWHM (D50)	31°x37°		
Field Angle (D10)	62°x74°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1215 lm	Measured @ 12.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

