



## Product Model Number

CKO-SW18-022011-0701

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

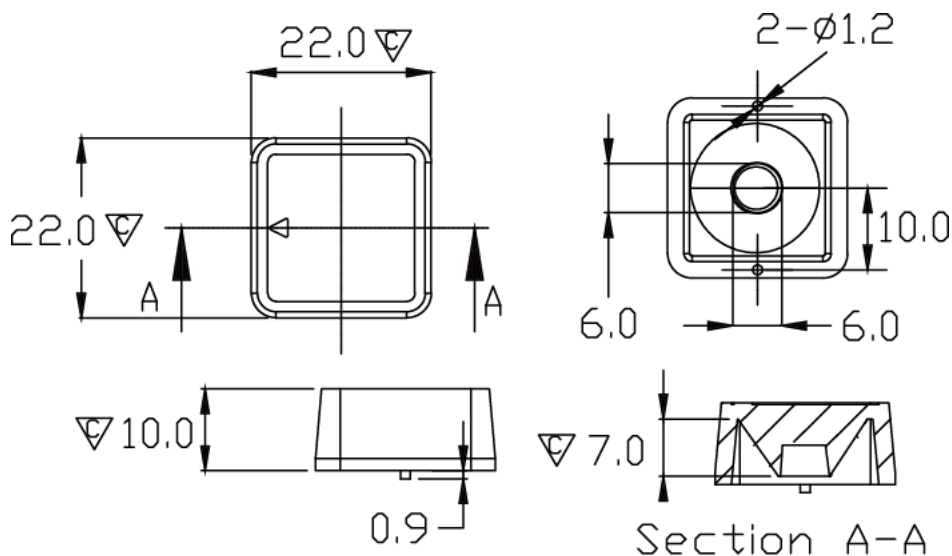


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
MX→Multi 33 in 1  
SW→Single Wall Washer  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

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

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

### ✓ Dimensions (mm) : 22x22x10.9



▽:Critical Dimension



✓ **Optical Characteristics – Angle Performances**

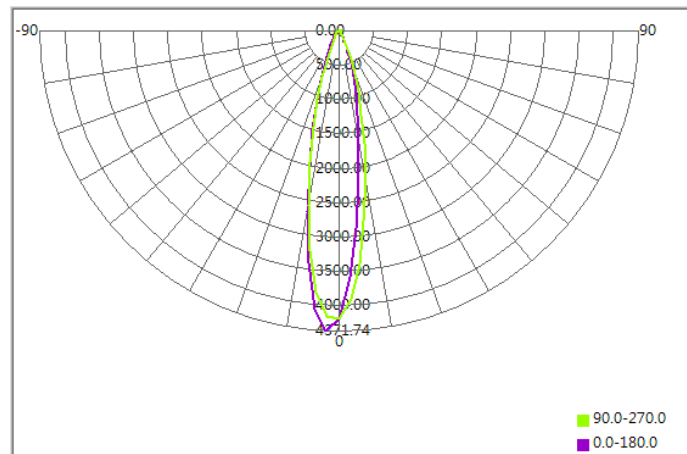
Cree	LED LES (mm)	FWHM (degrees)	Tilt Angle
Cree J Series 3030	3.0 x 3.0	19°x23°	3°
XP-E2	3.5 x 3.5	15°x16°	2°
XP-L HI	3.5 x 3.5	17°x18°	2°
XP-G3	3.5 x 3.5	20°x21°	2°



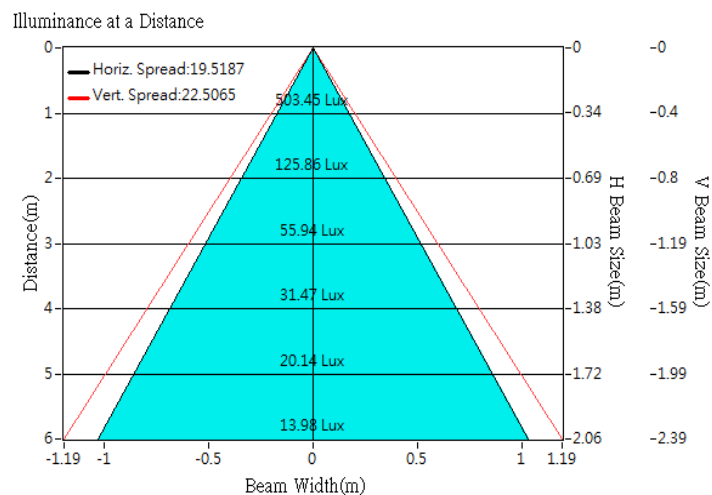
## Optical Characteristics

Model Number	CKO-SW18-022011-0701	
LED	Cree J Series 3030	
LES / LED Size	3.0 x 3.0	
FWHM (D50)	19°x23°	
Tilt Angle	3°	
Dimension	Φ =22x22 mm, Thickness=10.9 mm	
Luminous Flux	120 lm	Measured @ 0.91 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

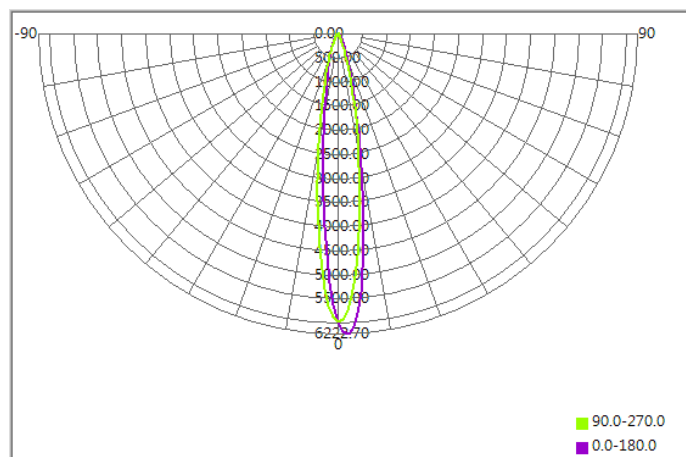




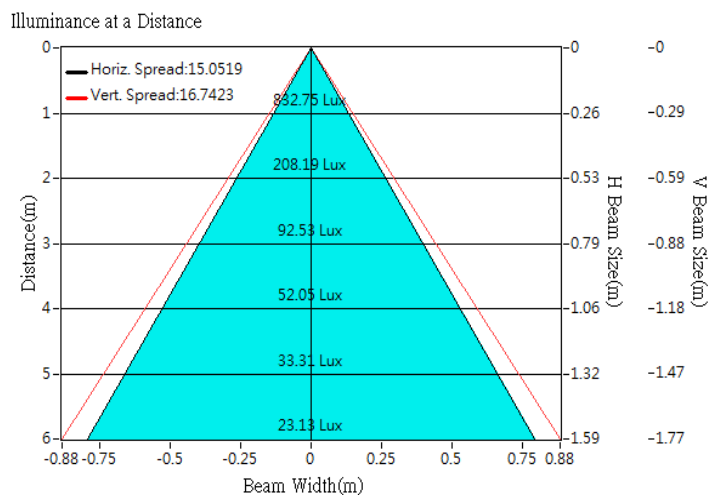
## Optical Characteristics

Model Number	CKO-SW18-022011-0701	
LED	<b>XP-E2</b>	
LES / LED Size	3.5 x 3.5	
FWHM (D50)	15°x16°	
Tilt Angle	2°	
Dimension	Φ =22x22 mm, Thickness=10.9 mm	
Luminous Flux	140 lm	Measured @ 1.2 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances



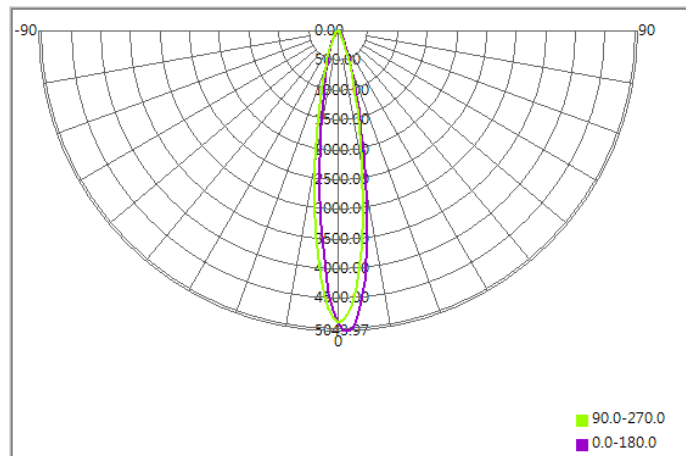




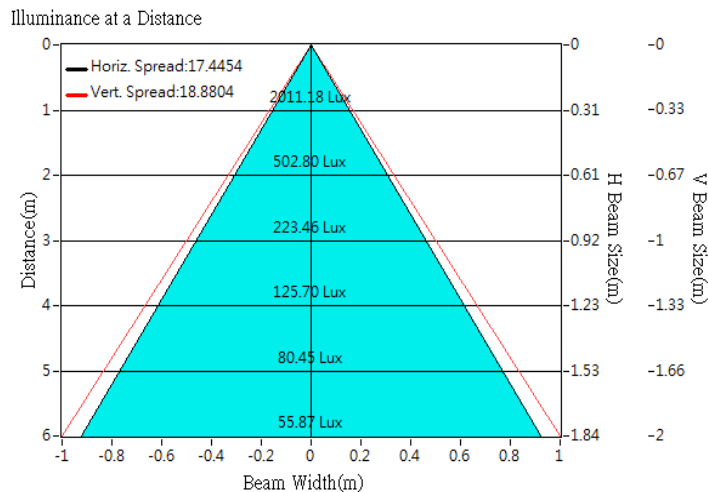
## Optical Characteristics

Model Number	CKO-SW18-022011-0701	
LED	<b>XP-L HI</b>	
LES / LED Size	3.5 x 3.5	
FWHM (D50)	17°x18°	
Tilt Angle	2°	
Dimension	Φ =22x22 mm, Thickness=10.9 mm	
Luminous Flux	411 lm	Measured @ 3.9 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

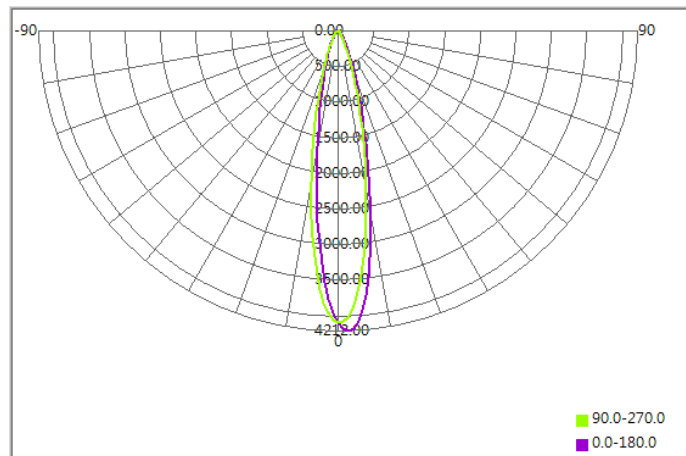




## Optical Characteristics

Model Number	CKO-SW18-022011-0701	
LED	<b>XP-G3</b>	
LES / LED Size	3.5 x 3.5	
FWHM (D50)	20°x21°	
Tilt Angle	2°	
Dimension	Φ =22x22 mm, Thickness=10.9 mm	
Luminous Flux	160 lm	Measured @ 1.1 W
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

