



## Product Model Number

CKO - M 5 1 2 - 0 3 9 0 1 1 - 7 2 0 1

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

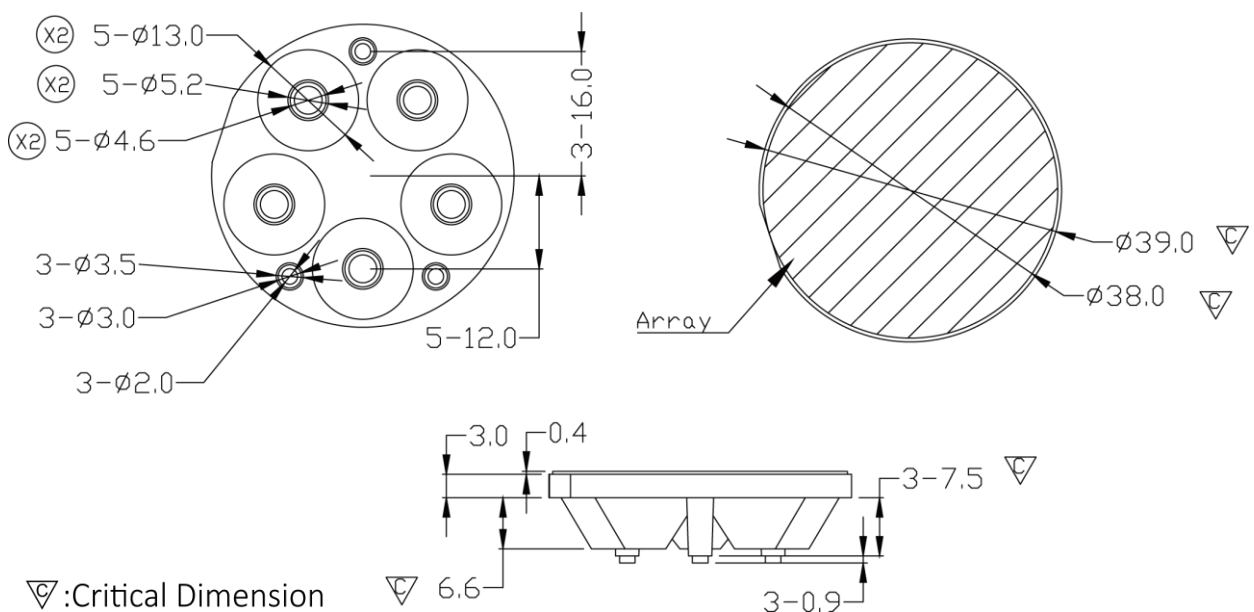


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

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

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

### ✓ Dimensions (mm) : Φ39 x 10.9



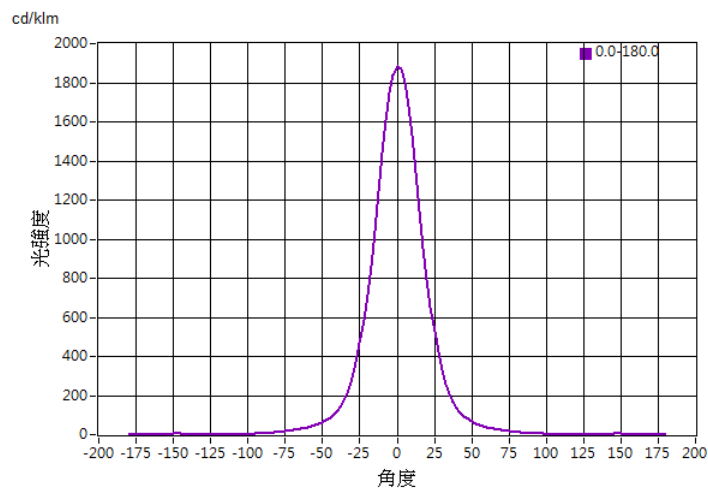




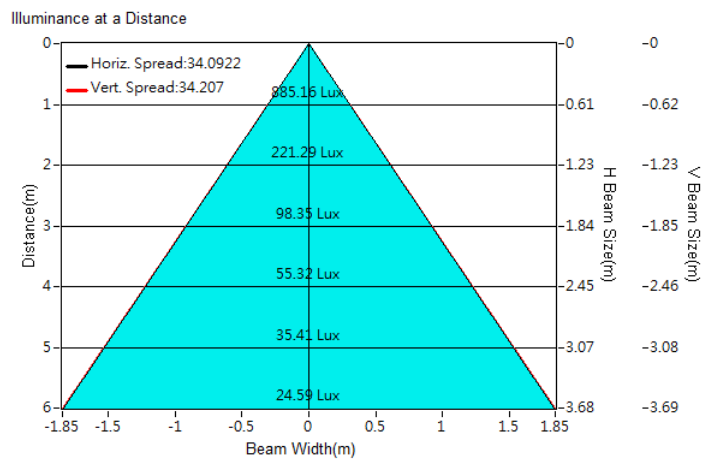
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	<b>XB-D</b>	
LES / LED Size	Φ 2.5 x 2.5 mm	
FWHM (D50)	34°	
Field Angle (D10)	71°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	469 lm	Measured @ 5.1 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

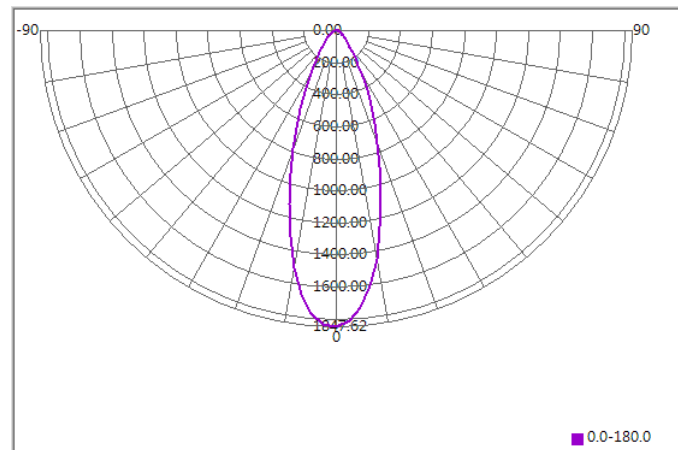




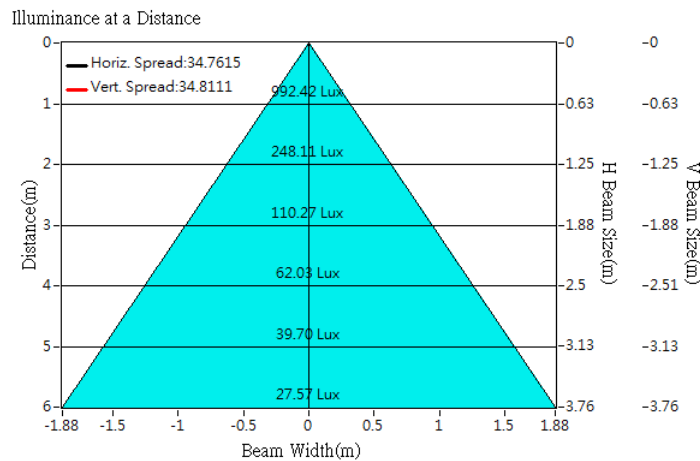
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	<b>XB-H</b>	
LES / LED Size	Φ 2.5 x 2.5 mm	
FWHM (D50)	35°	
Field Angle (D10)	73°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	537 lm	Measured @ 4.9 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

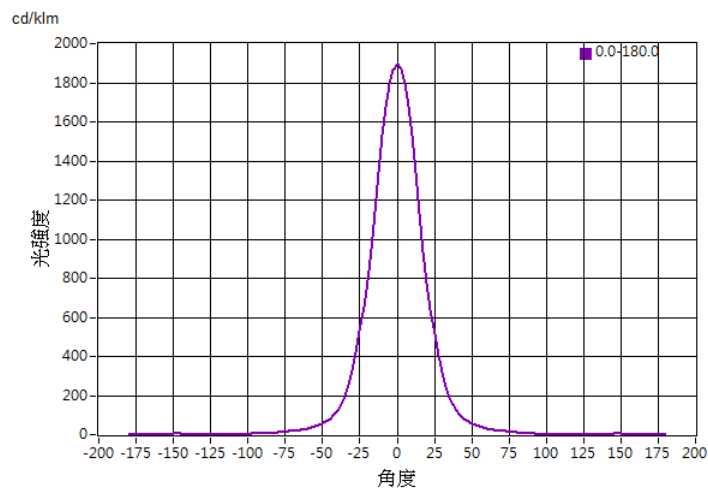




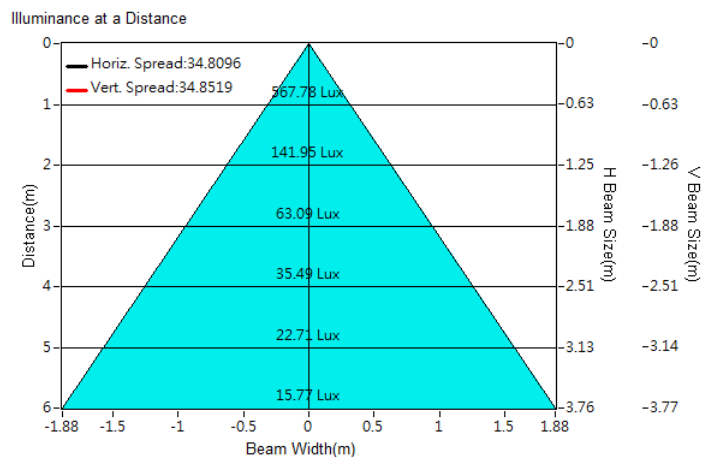
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	XP-E	
LES / LED Size	Φ 2.5 x 2.5 mm	
FWHM (D50)	35°	
Field Angle (D10)	71°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	299 lm	Measured @ 5.2 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

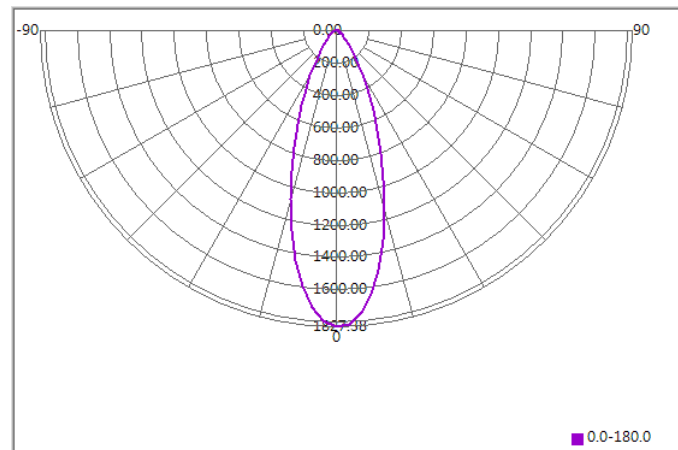




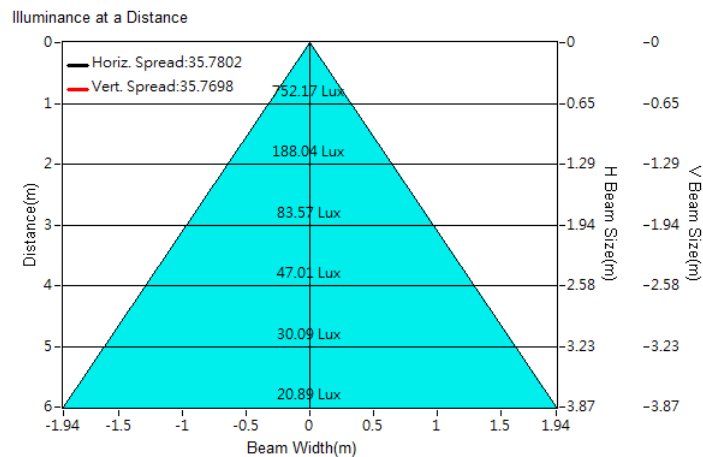
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	XP-G	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	36°	
Field Angle (D10)	74°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	411 lm	Measured @6.4 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

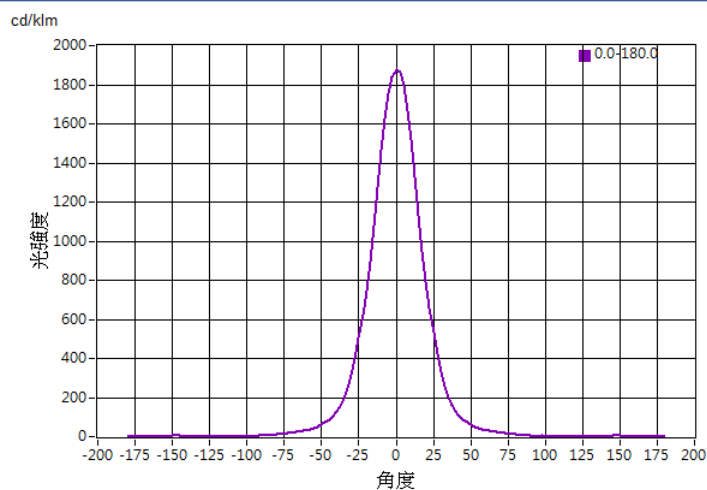




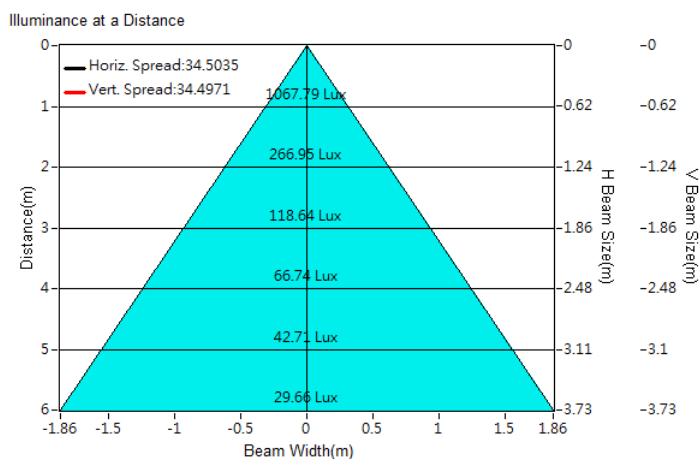
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	XP-G2	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	35°	
Field Angle (D10)	71°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	568 lm	Measured @ 4.9 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

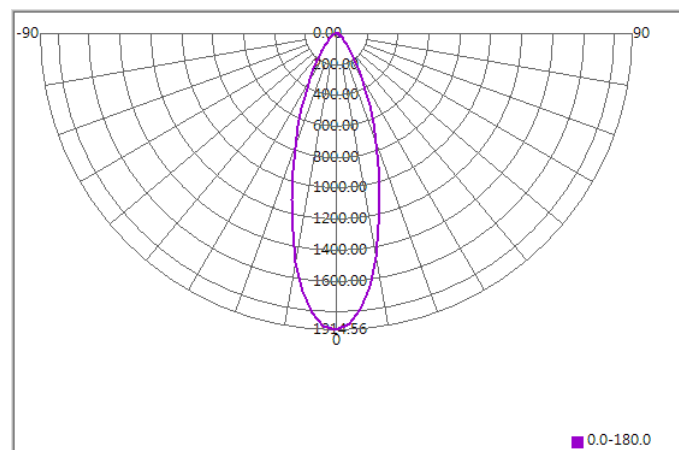




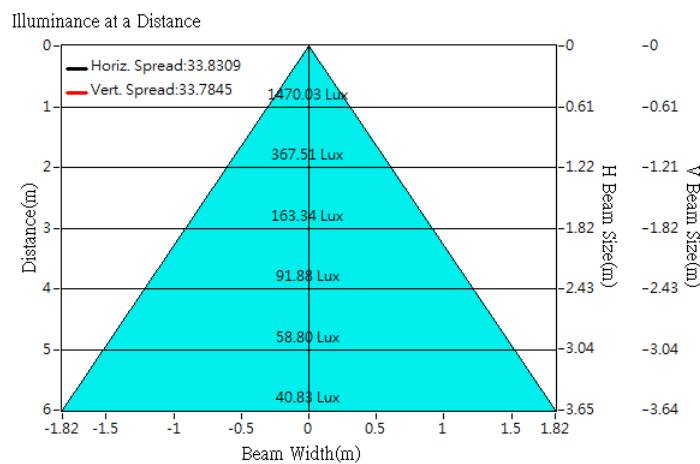
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	<b>XP-G3</b>	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	34°	
Field Angle (D10)	72°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	767 lm	Measured @ 4.9 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

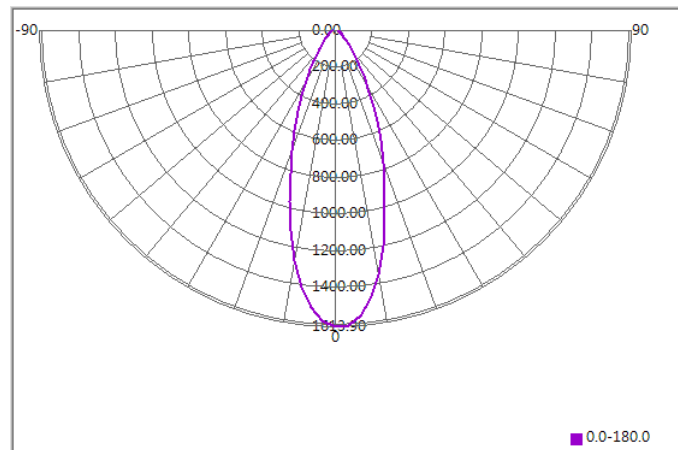




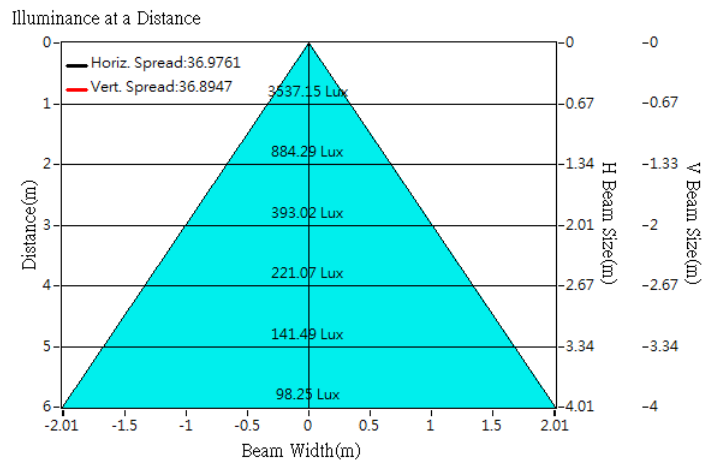
## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	<b>XP-L</b>	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	37°	
Field Angle (D10)	77°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	2191 lm	Measured @ 15.9 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

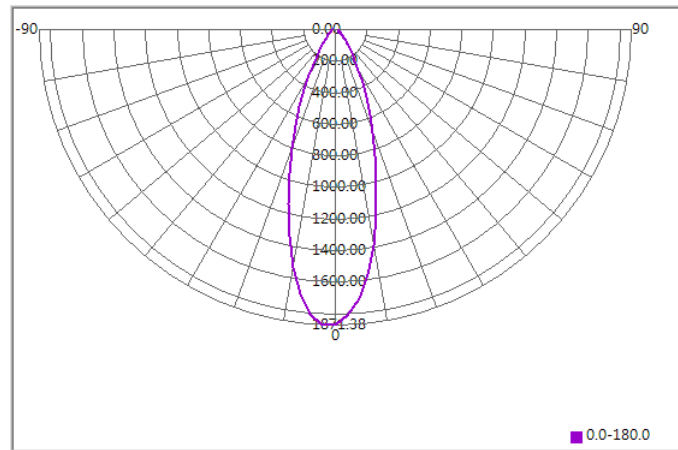




## Optical Characteristics

Model Number	CKO-M512-039011-7201	
LED	XP-L HI	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	34°	
Field Angle (D10)	71°	
Dimension	Φ =39 mm, Thickness=10.9 mm	
Luminous Flux	1916 lm	Measured @ 15.9 W
Material	PC / UL94V0	

## cd/klm



## Illuminance At Distances

