



## Product Model Number

CKO-SA17-045021-1311

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

↑      ↑      ↑                      ↑                      ↑

(A)    (B)    (C)                      (D)                      (E)

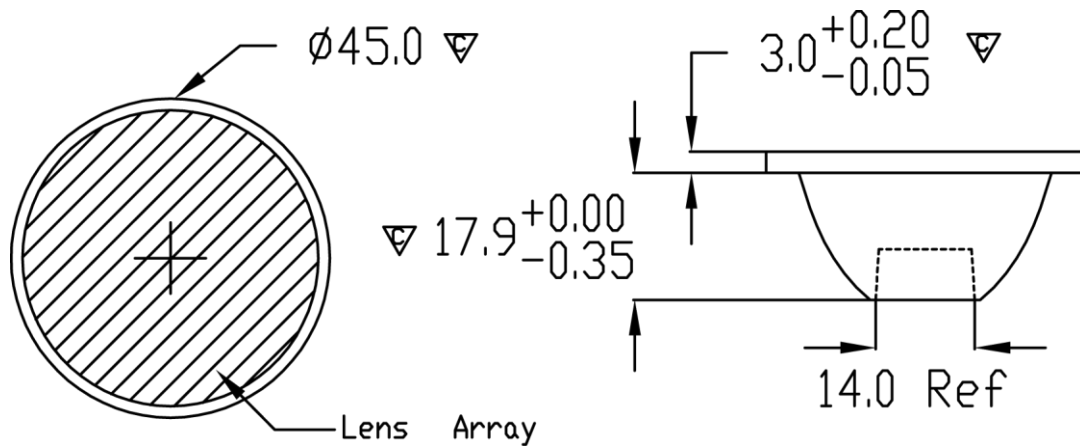


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
SA→Soft Shading for CoB LED - Asymmetry  
HC→Holder for CoB LED

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

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

### ✓ Dimensions (mm) : Φ45 x 20.9



▽:Critical Dimension

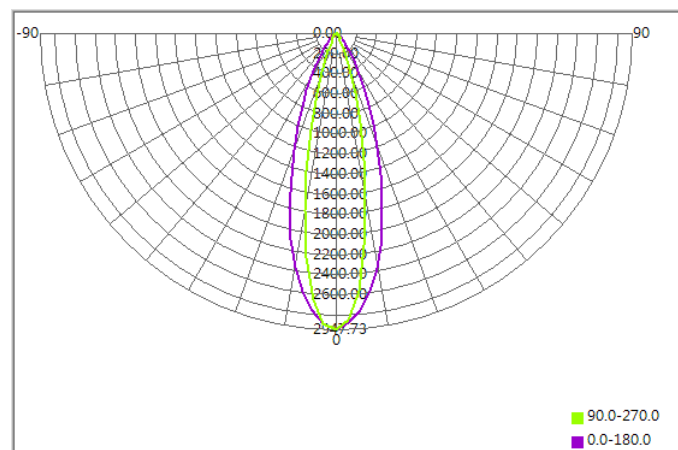




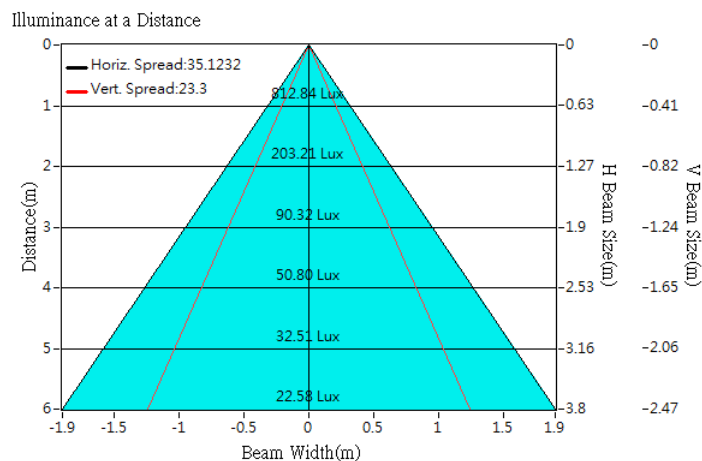
## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p>
LED	<b>CXM-3-AC40</b>		
LES / LED Size	Φ 3.5 mm		
FWHM (D50)	23°x35°		
Field Angle (D10)	44°x69°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	275 lm	Measured @ 2.8 W	
Material	PC / UL94V2		

## cd/klm

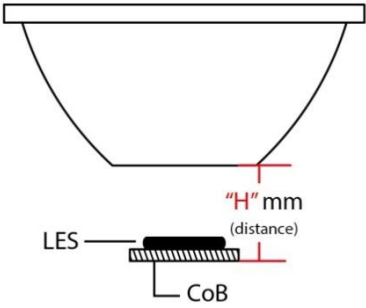


## Illuminance At Distances

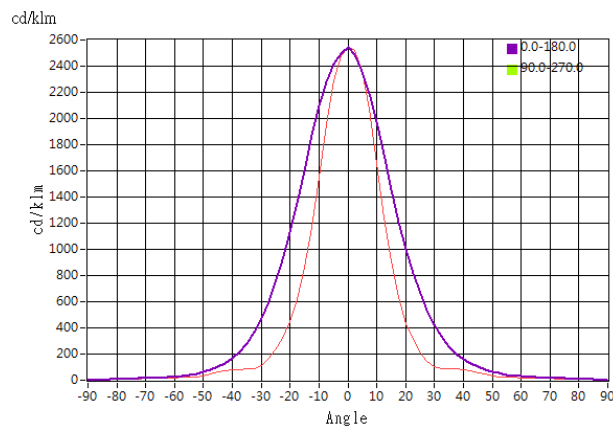




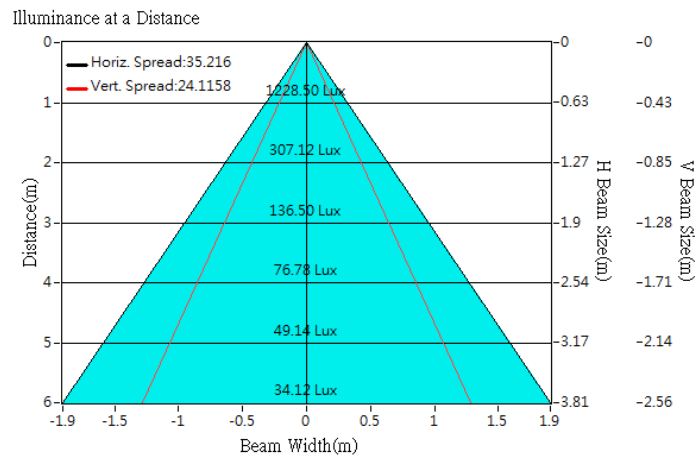
## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p> 
LED	<b>CXM-4-AC40</b>		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	24°x35°		
Field Angle (D10)	48°x71°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	483 lm	Measured @ 4.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

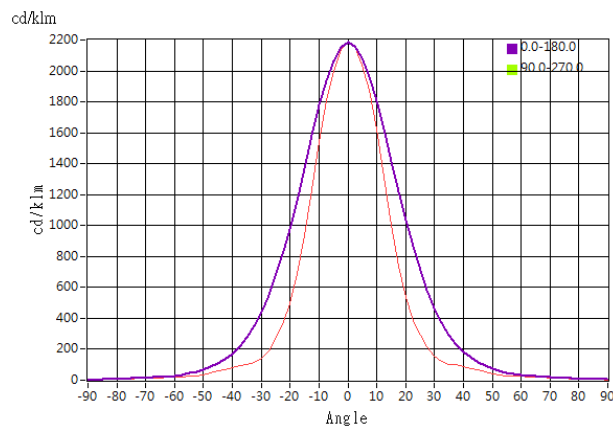




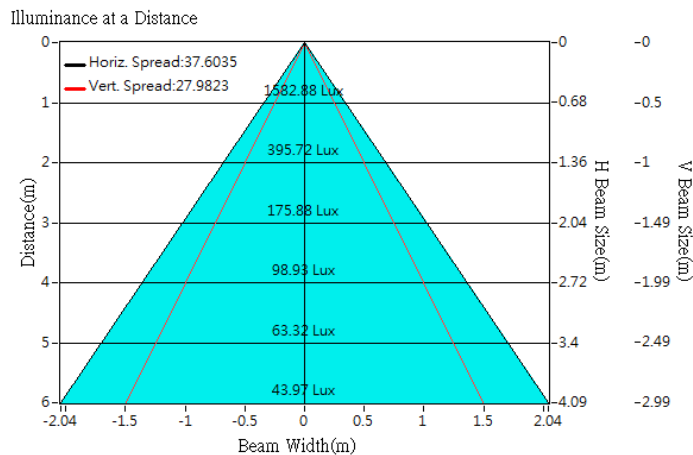
## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p>
LED	<b>CXM-6-AC40</b>		
LES / LED Size	Φ 6.3 mm		
FWHM (D50)	28°x38°		
Field Angle (D10)	54°x76°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	725 lm	Measured @ 5.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

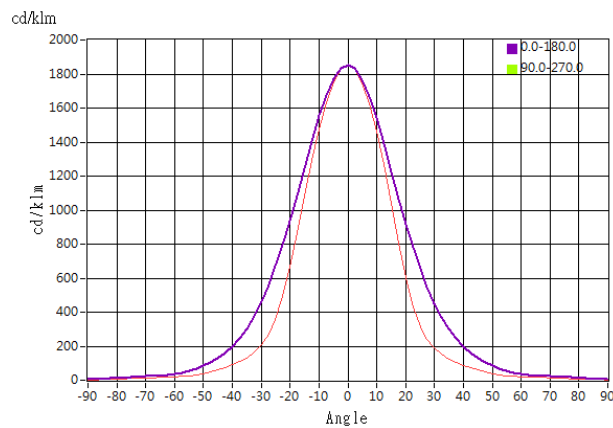




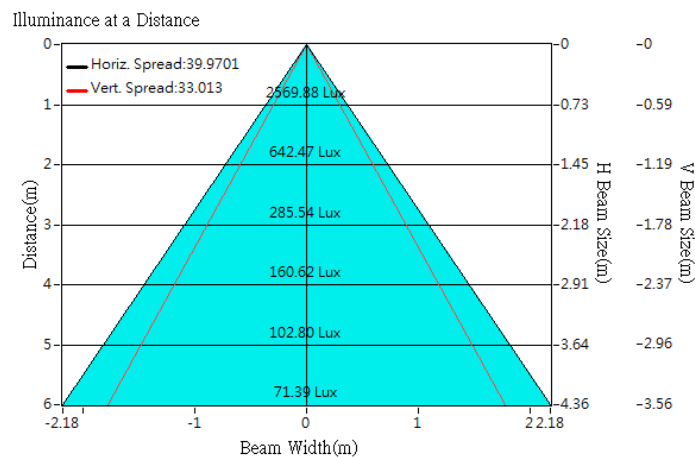
## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p>
LED	<b>CXM-9-AC30</b>		
LES / LED Size	Φ 9.6 mm		
FWHM (D50)	33°x40°		
Field Angle (D10)	62°x82°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1386 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

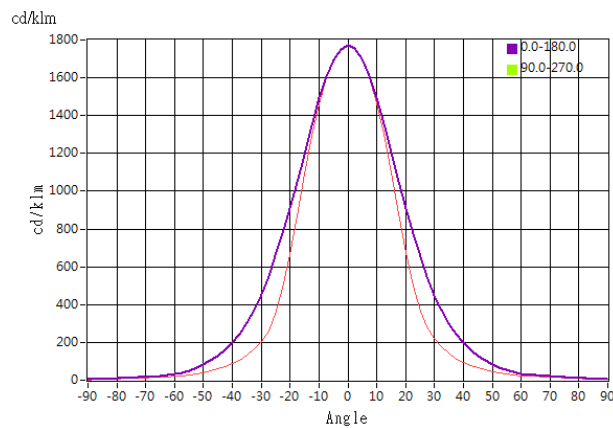




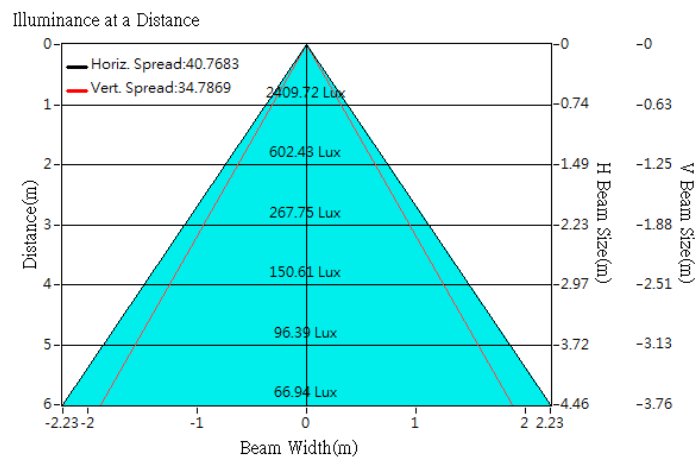
## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p>
LED	<b>CXM-9-AC40</b>		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	35°x41°		
Field Angle (D10)	64°x83°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1361 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

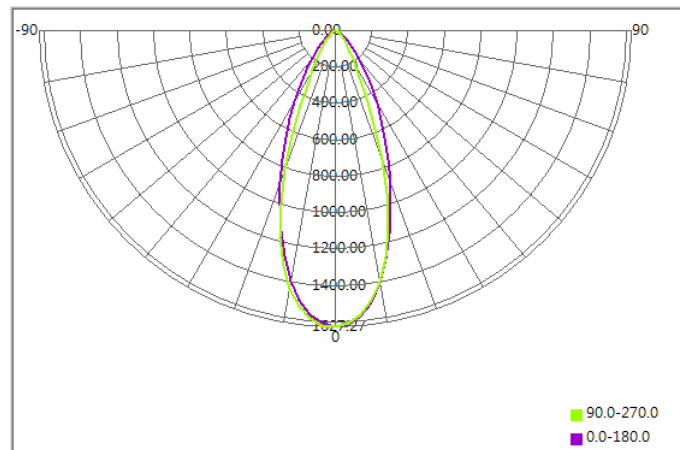




## Optical Characteristics

Model Number	CKO-SA17-045021-1311		<p>"H" definition</p>
LED	CXM-11-AC30		
LES / LED Size	Φ 11.7 mm		
FWHM (D50)	39°x43°		
Field Angle (D10)	68°x85°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1613 lm	Measured @ 15.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

