



Product Model Number

CKO-CH17-085047-0501

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

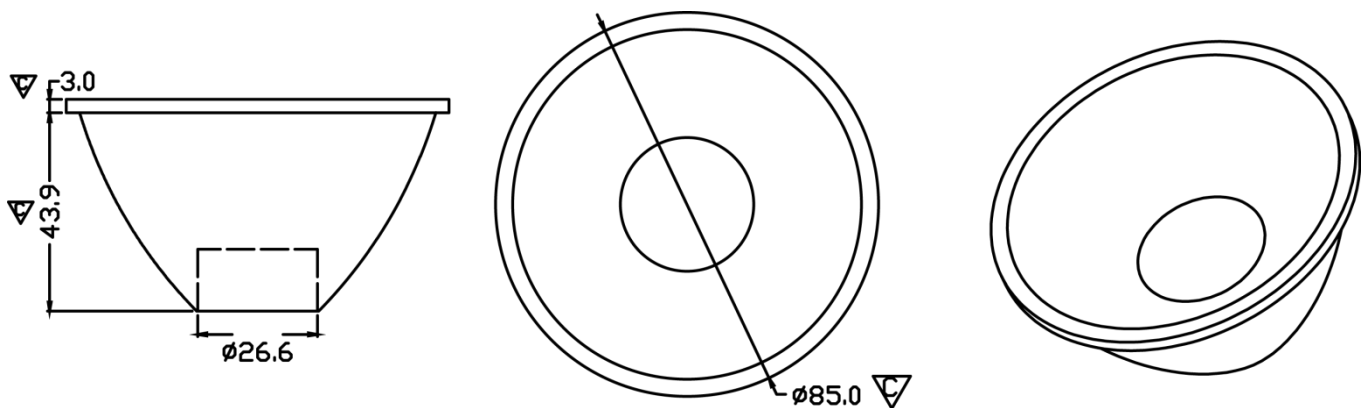


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ 85 x 46.9



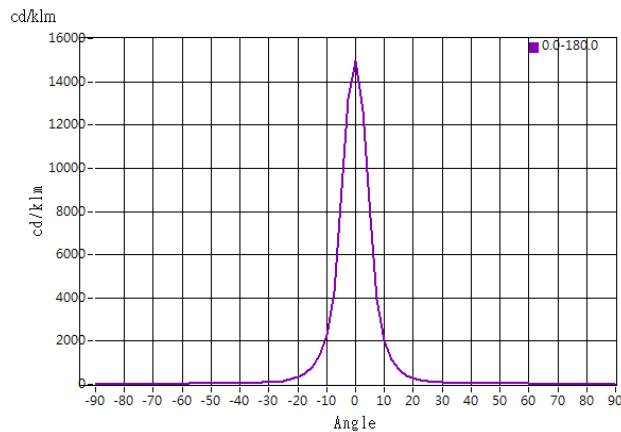
▽:Critical Dimension



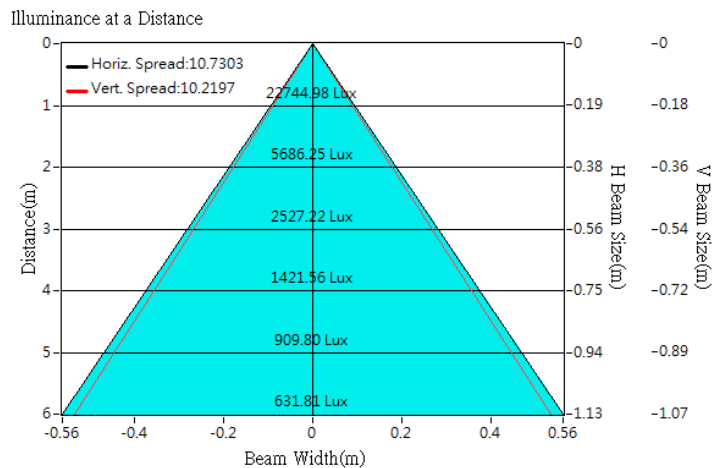
Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	10°		
Field Angle (D10)	23°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1521 lm	Measured @ 12.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

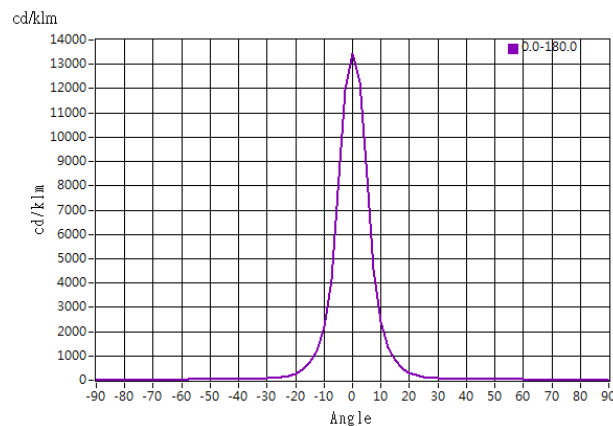




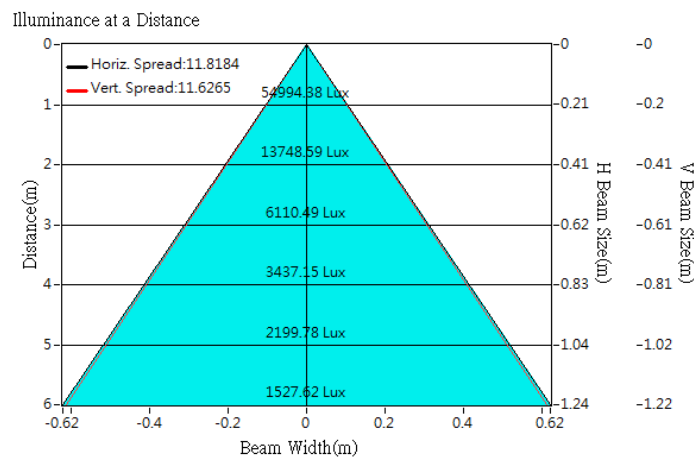
Optical Characteristics

Model Number	CKO-CH17-085047-0501	<p>"H" definition</p> <p>LES CoB</p>
LED	CLU 721	
LES / LED Size	Φ 11 mm	
FWHM (D50)	11°	
Field Angle (D10)	25°	
H (distance)	3.65 mm	
Dimension	Φ =85 mm, Thickness=46.9 mm	
Luminous Flux	4091 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

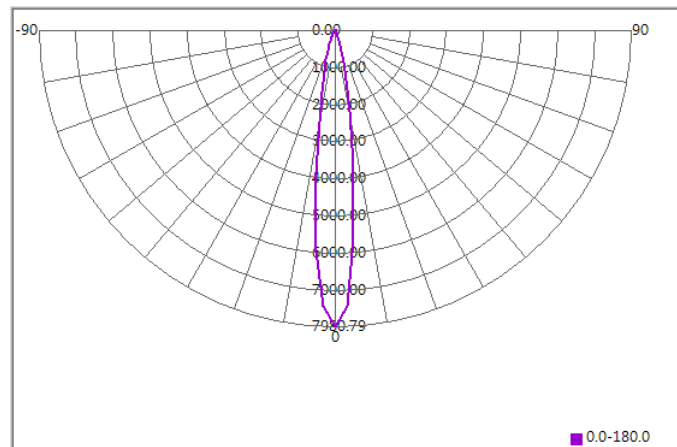




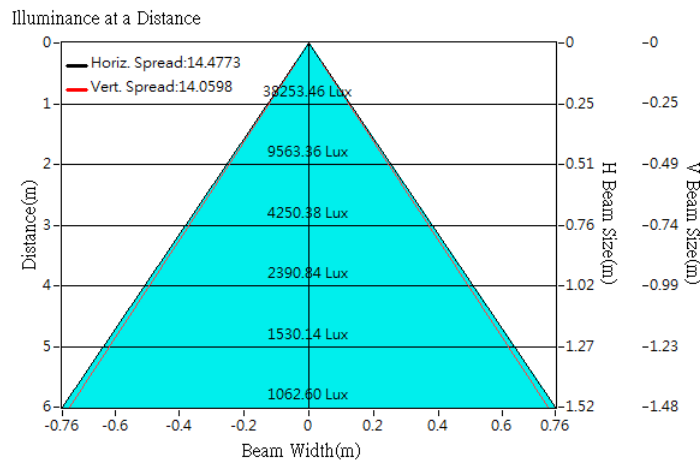
Optical Characteristics

Model Number	CKO-CH17-085047-0501	<p>"H" definition</p> <p>LES CoB</p>
LED	CLU 730	
LES / LED Size	Φ 13 mm	
FWHM (D50)	14°	
Field Angle (D10)	33°	
H (distance)	3.65 mm	
Dimension	Φ =85 mm, Thickness=46.9 mm	
Luminous Flux	4793 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

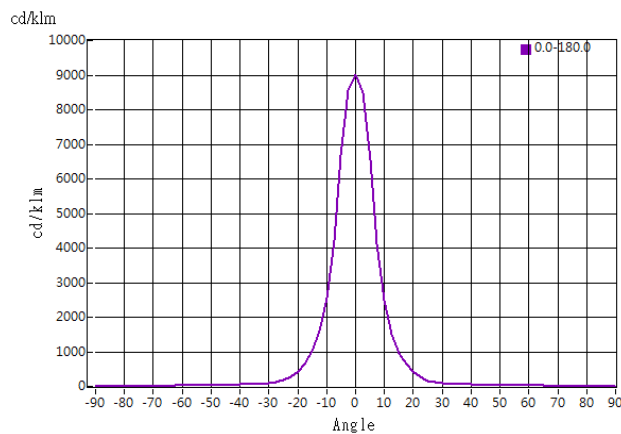




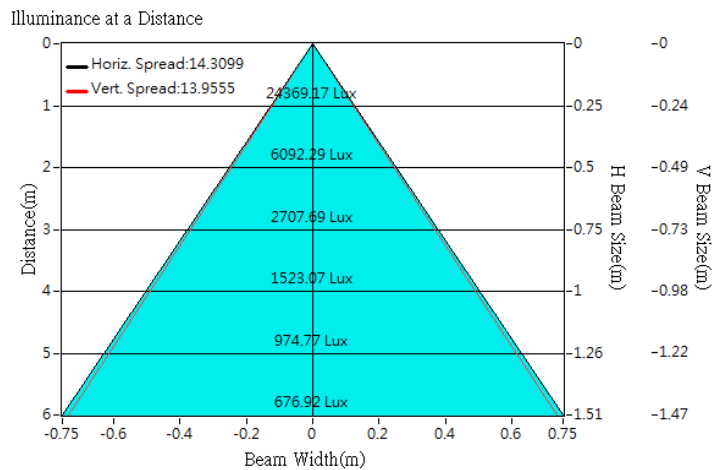
Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	CLU 038		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	14°		
Field Angle (D10)	31°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2703 lm	Measured @ 25.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

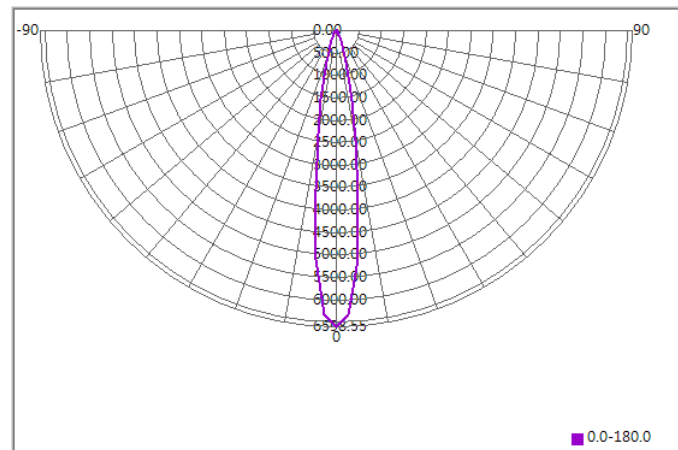




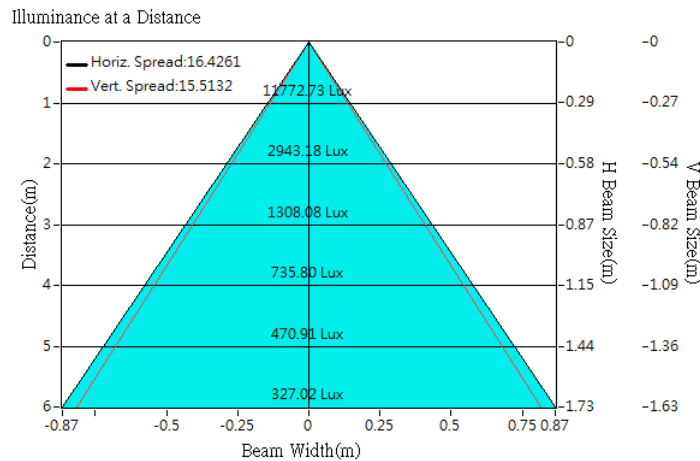
Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	CLU 036		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	16°		
Field Angle (D10)	36°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1784 lm	Measured @15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

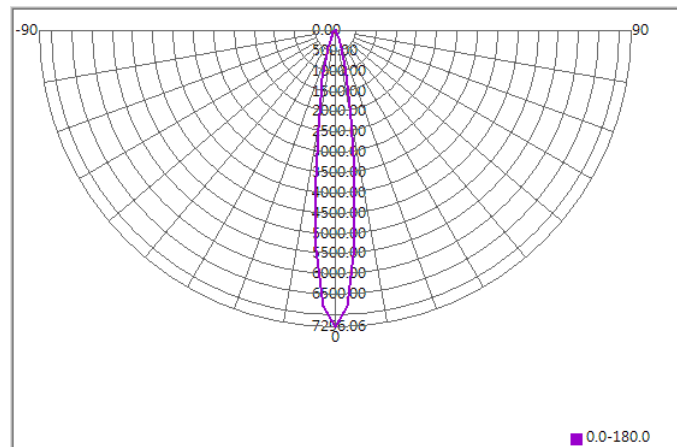




Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p> <p>LES CoB</p>
LED	CLU 034		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	14°		
Field Angle (D10)	36°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2182 lm	Measured @ 25 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

