



Product Model Number

CKO-CH15-045021-1607

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

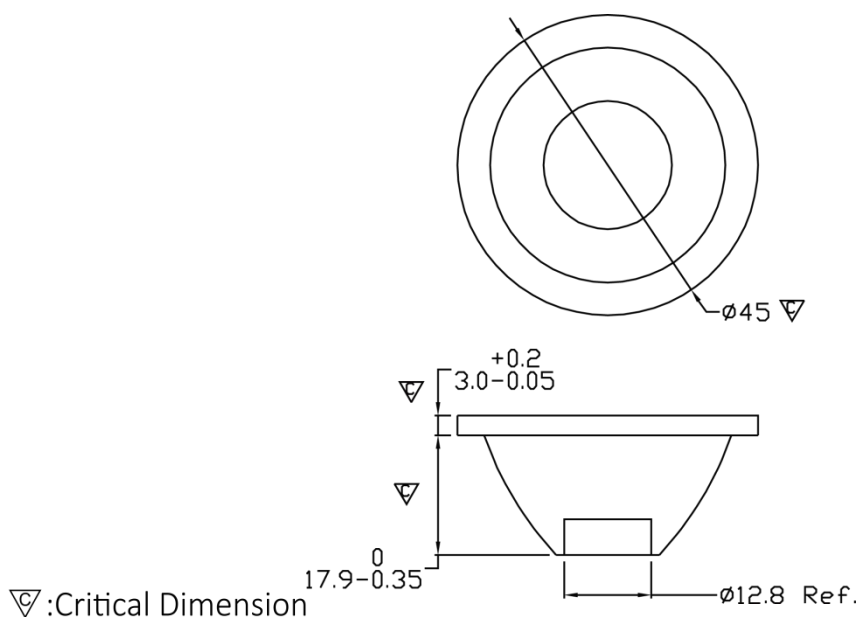


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ45 x 20.9



[illegible]

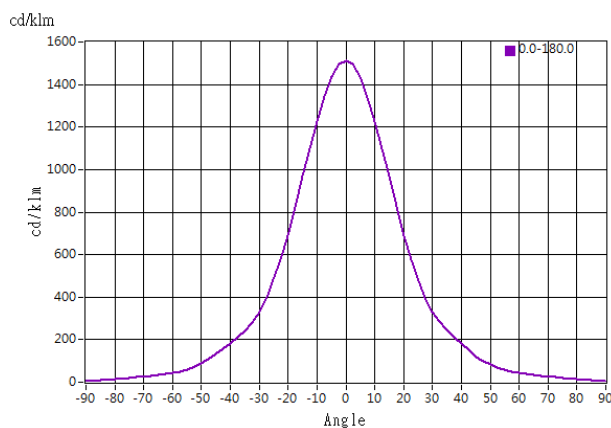


Optical Characteristics

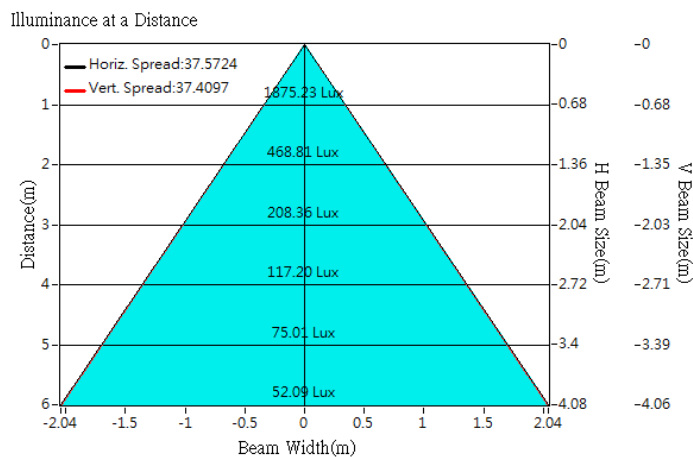
Model Number		CKO-CH15-045021-1607		"H" definition
LED		CLU 700		
LES / LED Size		Φ 6 mm		
FWHM (D50)		38°		
Field Angle (D10)		86°		
H (distance)		2.5mm		
Dimension		Φ =45 mm, Thickness=20.9 mm		
Luminous Flux		1240 lm	Measured @ 14.7 W	
Material		PC / UL94V2		

The diagram illustrates the "H" definition, which is the distance from the Light Emitting Surface (LES) to the Center of Beam (CoB). The LES is shown as a rectangular component on a substrate. The CoB is the point where the beam's path converges. The distance between them is labeled "H" mm (distance).

cd/klm



Illuminance At Distances

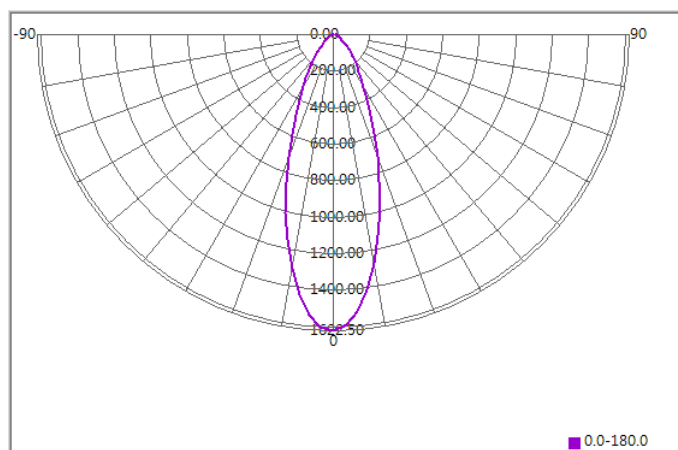




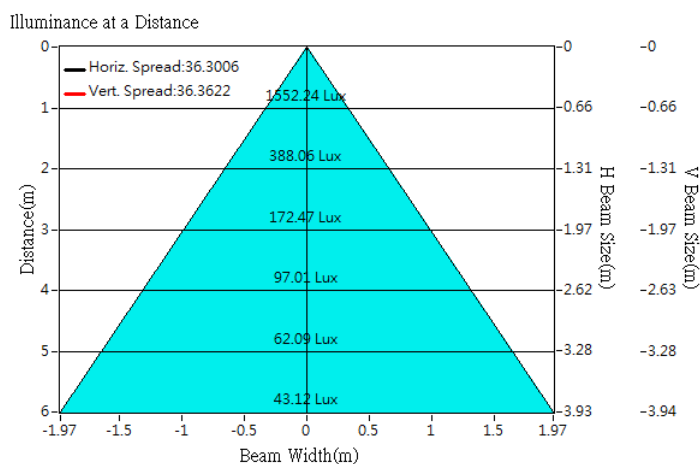
Optical Characteristics

Model Number	CKO-CH15-045021-1607		
LED	CLU 701		
LES / LED Size	Φ 6 mm		
FWHM (D50)	36°		
Field Angle (D10)	82°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	957 lm	Measured @ 10.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

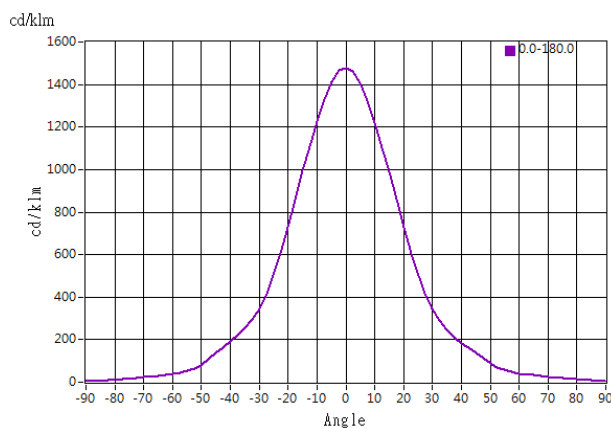




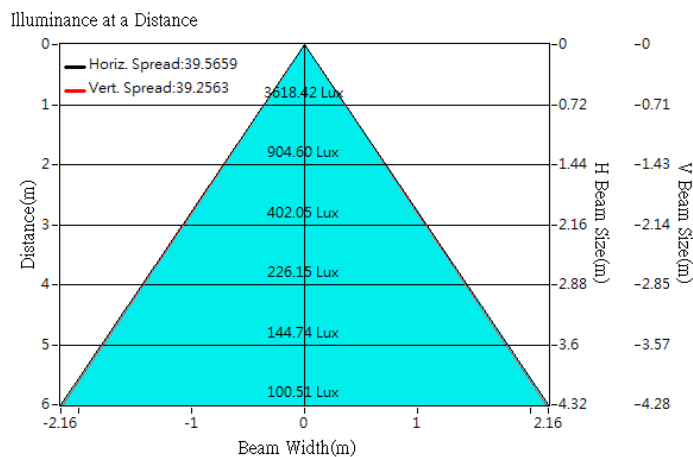
Optical Characteristics

Model Number	CKO-CH15-045021-1607		
LED	CLU 710		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	40°		
Field Angle (D10)	88°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2451 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

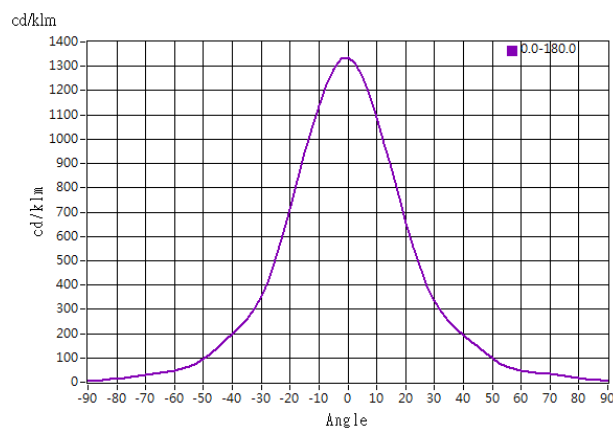




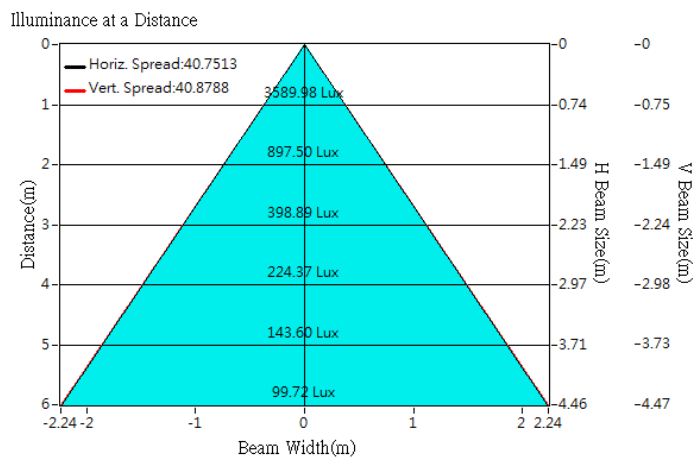
Optical Characteristics

Model Number		CKO-CH15-045021-1607		"H" definition
LED	CLU 711			
LES / LED Size	Φ 8.5 mm			
FWHM (D50)	41°			
Field Angle (D10)	92°			
H (distance)	2.5mm			
Dimension	Φ =45 mm, Thickness=20.9 mm			
Luminous Flux	2692 lm	Measured @ 25.6 W		
Material	PC / UL94V2			

cd/klm



Illuminance At Distances

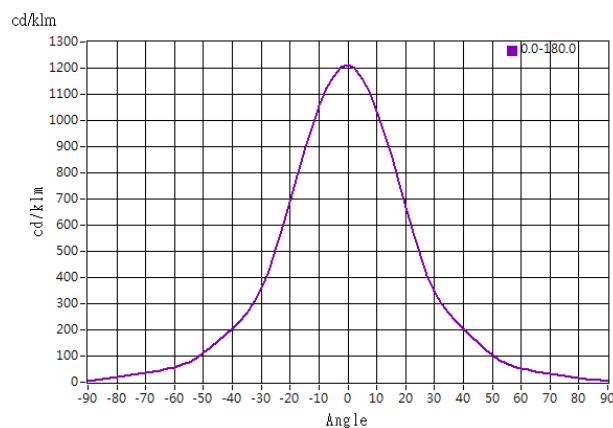




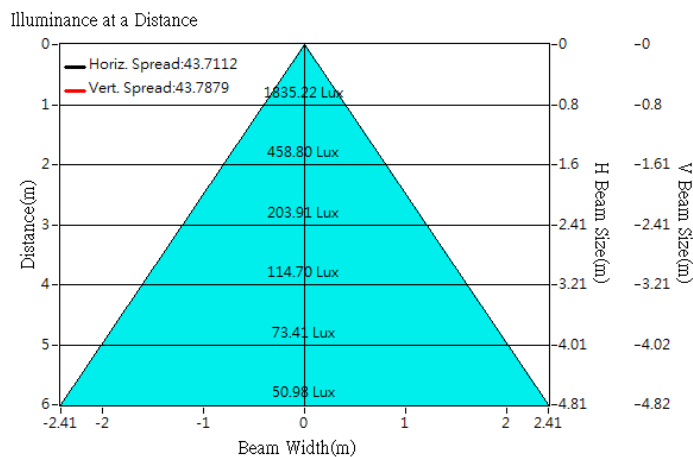
Optical Characteristics

Model Number	CKO-CH15-045021-1607		"H" definition
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	44°		
Field Angle (D10)	97°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1516 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

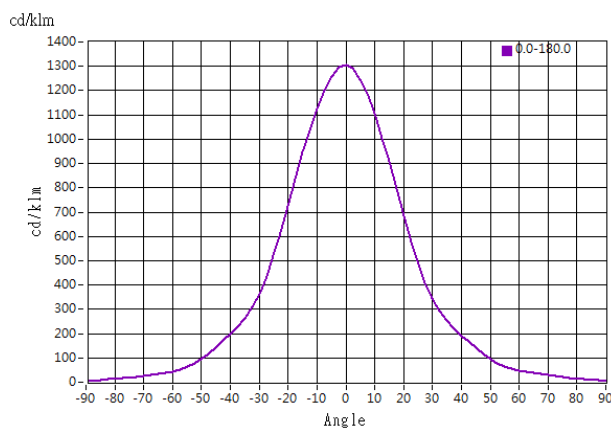




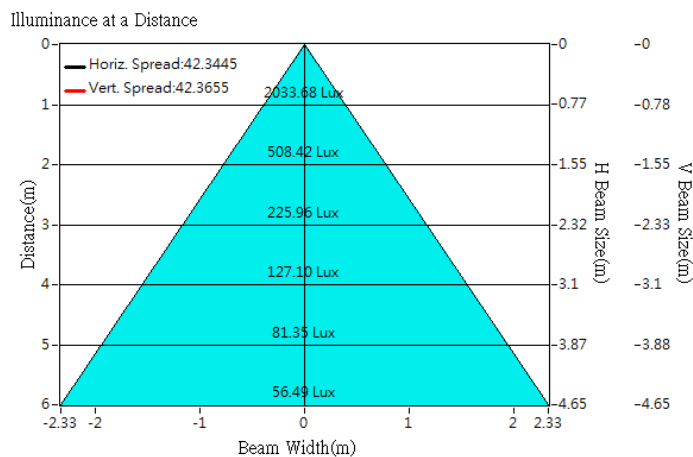
Optical Characteristics

Model Number	CKO-CH15-045021-1607		
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	42°		
Field Angle (D10)	92°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1558 lm	Measured @12.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

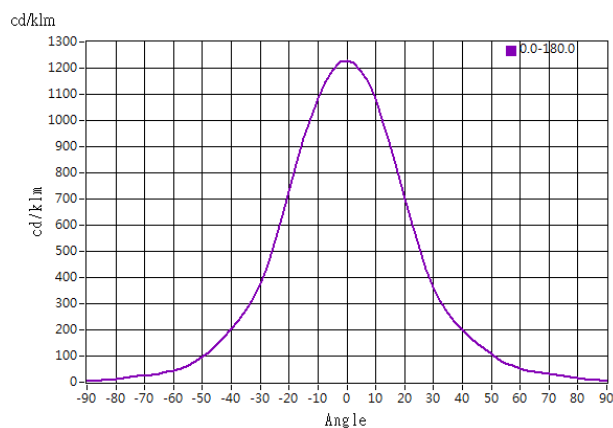




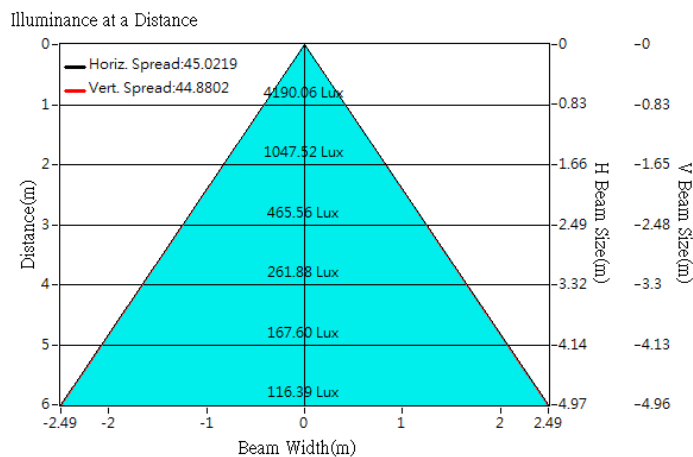
Optical Characteristics

Model Number	CKO-CH15-045021-1607		
LED	CLU 720		
LES / LED Size	Φ 11 mm		
FWHM (D50)	45°		
Field Angle (D10)	95°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	3417 lm	Measured @ 39.4 W	
Material	PC / UL94V2		

cd/klm

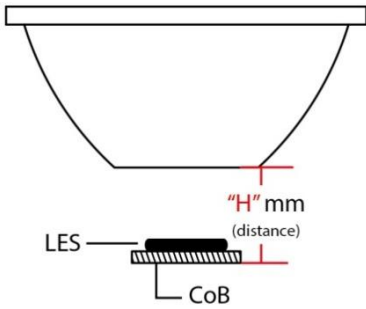


Illuminance At Distances

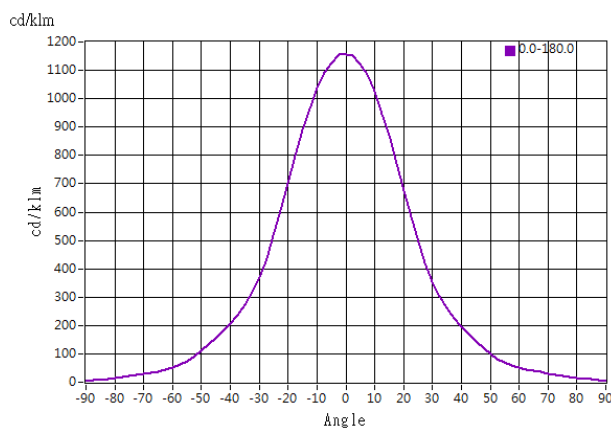




Optical Characteristics

Model Number		CKO-CH15-045021-1607	"H" definition
LED	CLU 721		
LES / LED Size	Φ 11 mm		
FWHM (D50)	46°		
Field Angle (D10)	98°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	3920 lm	Measured @ 38.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

