



Product Model Number

CKO-CH19-035018-2805

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

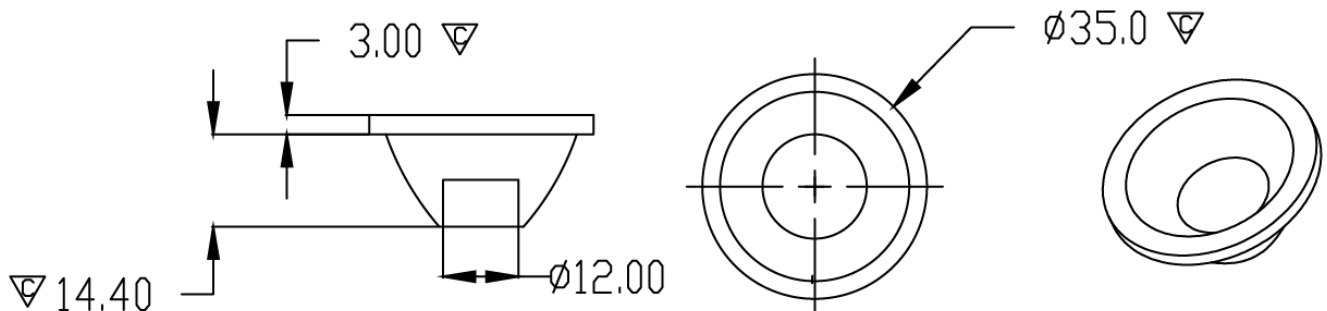


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ35 x 17.4



▽:Critical Dimension



✓ Optical Characteristics – Angle Performances

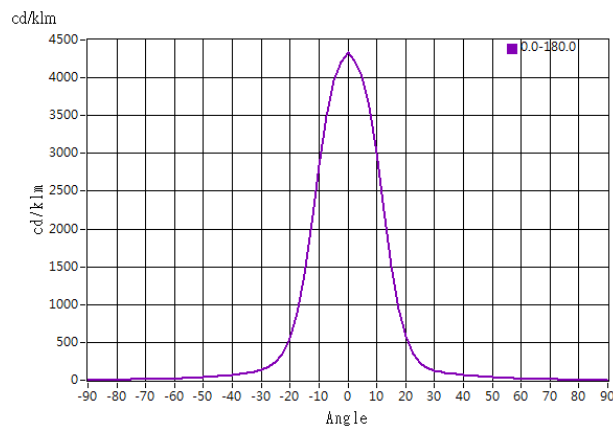
Citizen	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CLU 7A2	Φ4.2	25°	43°
CLU 701	Φ6	32°	52°
CLU 700	Φ6	33°	53°
CLU 711	Φ8.5	40°	62°
CLU 710	Φ8.5	39°	61°
CLU 028	Φ9.8	41°	66°
CLU 026	Φ9.8	42°	68°



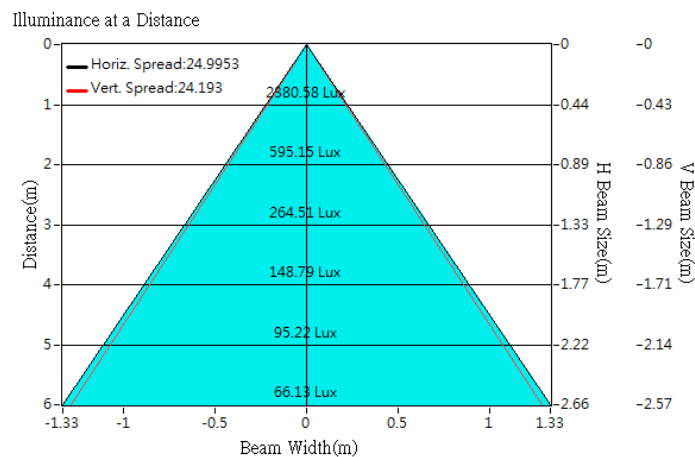
Optical Characteristics

Model Number	CKO-CH19-035018-2805		<p>"H" definition</p>
LED	CLU 7A2		
LES / LED Size	Φ 4.2 mm		
FWHM (D50)	25°		
Field Angle (D10)	43°		
H (distance)	2.5mm		
Dimension	Φ =35 mm, Thickness=17.4 mm		
Luminous Flux	550 lm	Measured @ 6.8W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

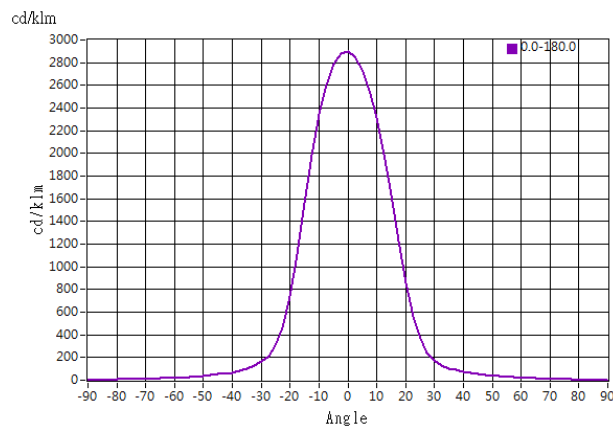




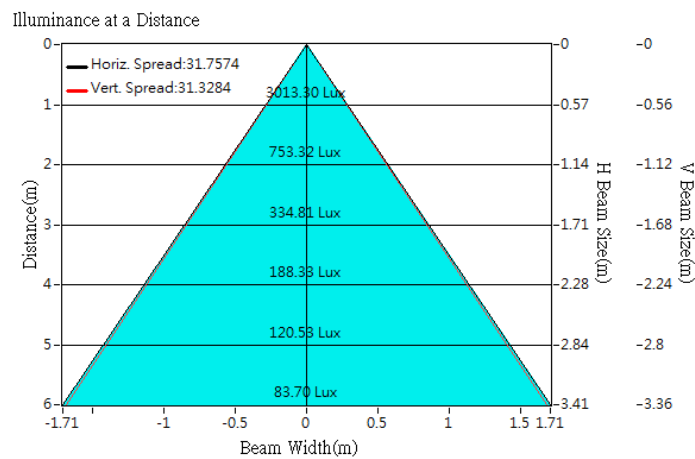
Optical Characteristics

Model Number	CKO-CH19-035018-2805	<p>"H" definition</p>
LED	CLU 701	
LES / LED Size	Φ 6 mm	
FWHM (D50)	32°	
Field Angle (D10)	52°	
H (distance)	2.5mm	
Dimension	Φ =35 mm, Thickness=17.4 mm	
Luminous Flux	1040 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

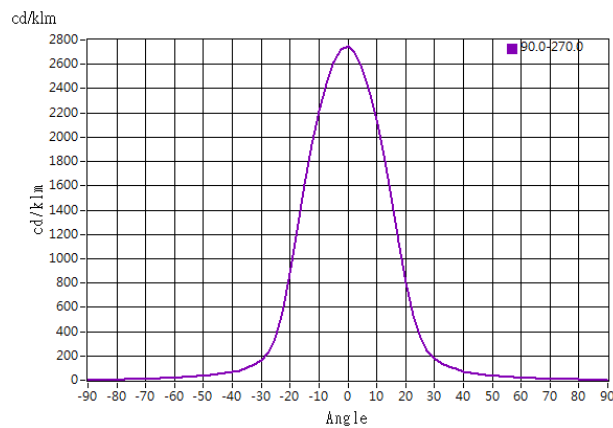




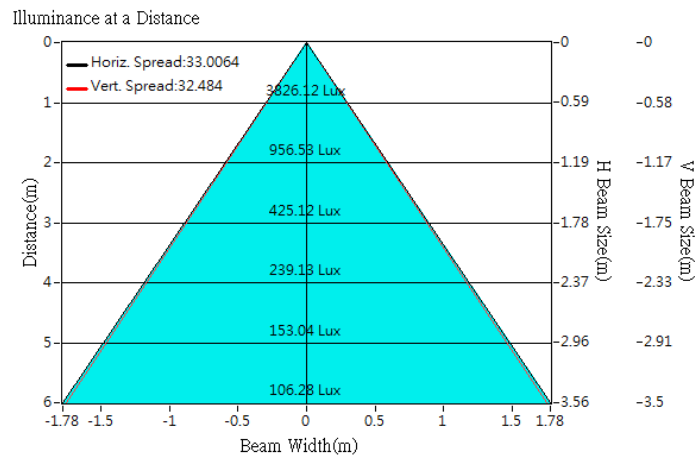
Optical Characteristics

Model Number	CKO-CH19-035018-2805		<p>"H" definition</p>
LED	CLU 700		
LES / LED Size	Φ 6 mm		
FWHM (D50)	33°		
Field Angle (D10)	53°		
H (distance)	2.5mm		
Dimension	Φ =35 mm, Thickness=17.4 mm		
Luminous Flux	1391 lm	Measured @ 14.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

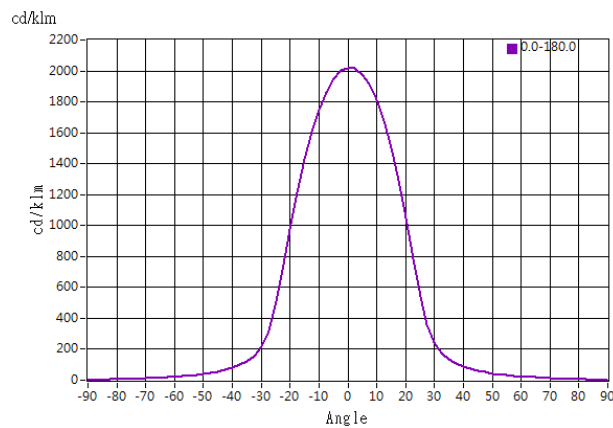




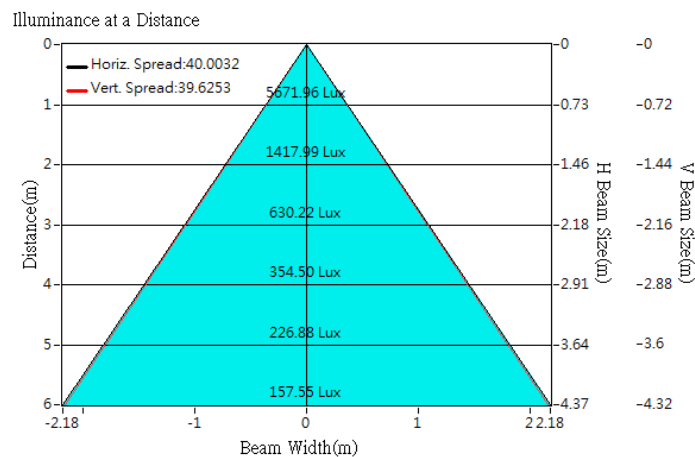
Optical Characteristics

Model Number	CKO-CH19-035018-2805		<p>"H" definition</p>
LED	CLU 711		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	40°		
Field Angle (D10)	62°		
H (distance)	2.5mm		
Dimension	Φ =35 mm, Thickness=17.4 mm		
Luminous Flux	2812 lm	Measured @ 25.34W	
Material	PC / UL94V2		

cd/klm

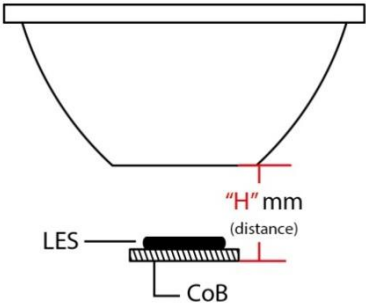


Illuminance At Distances

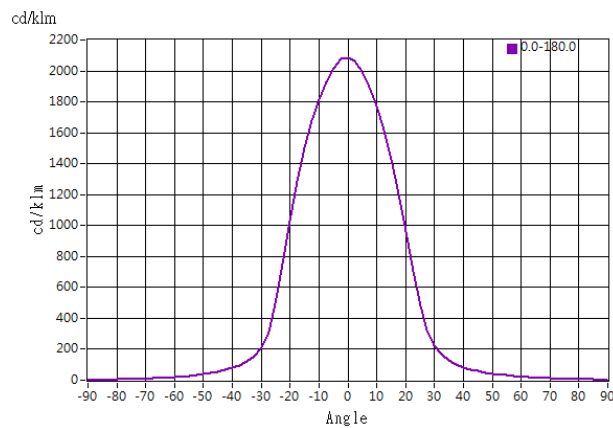




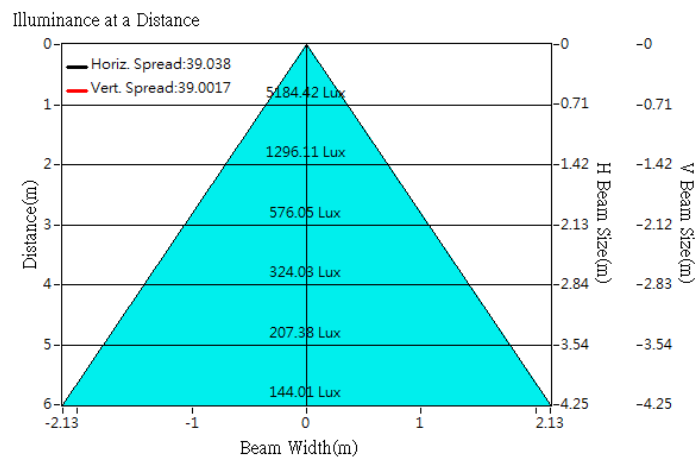
Optical Characteristics

Model Number	CKO-CH19-035018-2805	<p>"H" definition</p> 
LED	CLU 710	
LES / LED Size	Φ 8.5 mm	
FWHM (D50)	39°	
Field Angle (D10)	61°	
H (distance)	2.5mm	
Dimension	Φ =35 mm, Thickness=17.4 mm	
Luminous Flux	2486 lm Measured @ 25.9W	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

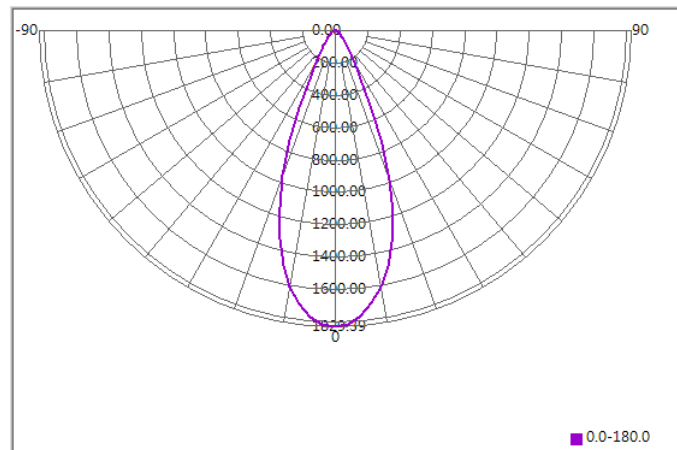




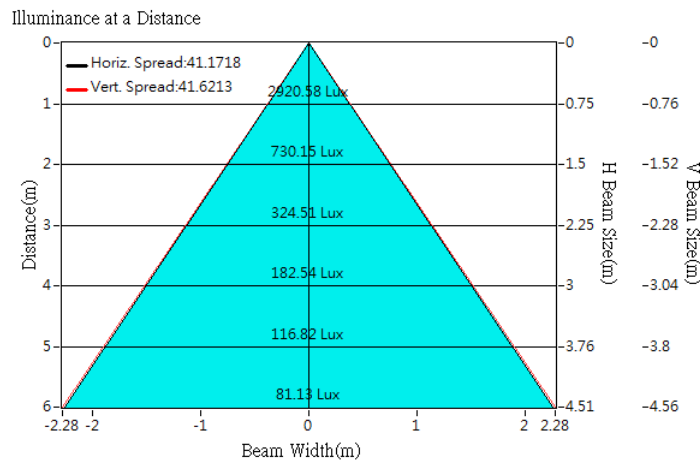
Optical Characteristics

Model Number	CKO-CH19-035018-2805	<p>"H" definition</p> <p>LES CoB</p>	
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	41°		
Field Angle (D10)	66°		
H (distance)	2.5mm		
Dimension	Φ =35 mm, Thickness=17.4 mm		
Luminous Flux	1596 lm		Measured @ 12.5 W
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

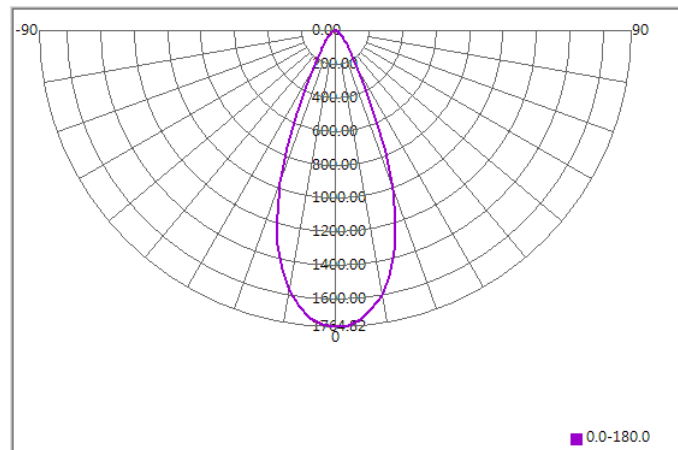




Optical Characteristics

Model Number	CKO-CH19-035018-2805		<p>"H" definition</p> <p>LES CoB</p>
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	42°		
Field Angle (D10)	68°		
H (distance)	2.5mm		
Dimension	Φ =35 mm, Thickness=17.4 mm		
Luminous Flux	1553 lm	Measured @ 12.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

