



Product Model Number

CKO-CH15-110058-3701

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

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(A)

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(B)

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(C)

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(D)

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(E)

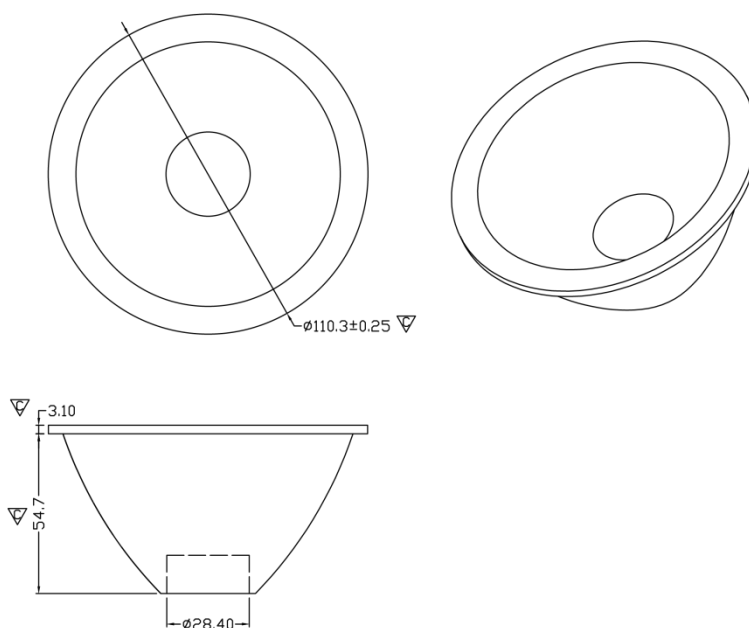


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ110 x 58



▽:Critical Dimension

Chun Kuang Optics Corp.

2022/7/13

5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303, Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com

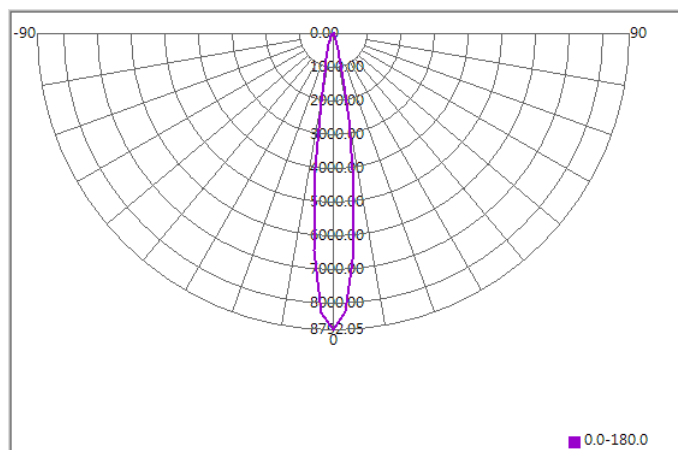
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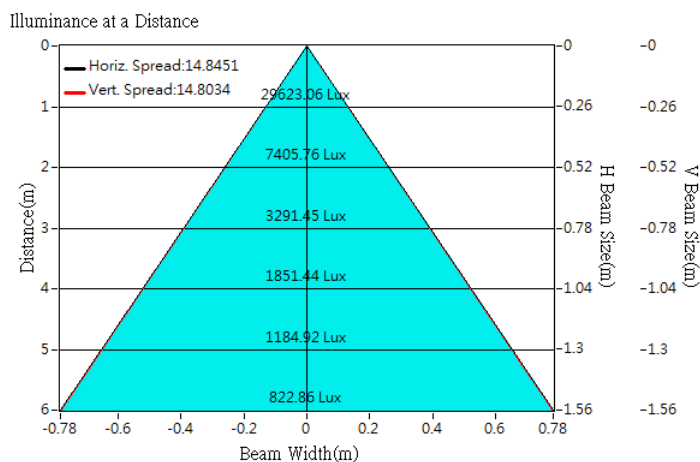
Optical Characteristics

Model Number	CKO-CH15-110058-3701		“H” definition 
LED	CLU 720		
LES / LED Size	Φ 11 mm		
FWHM (D50)	14°		
Field Angle (D10)	29°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=58 mm		
Luminous Flux	3369 lm	Measured @ 39 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

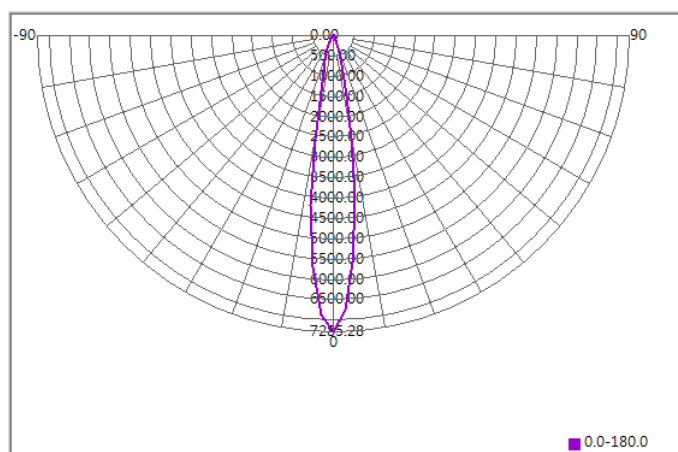




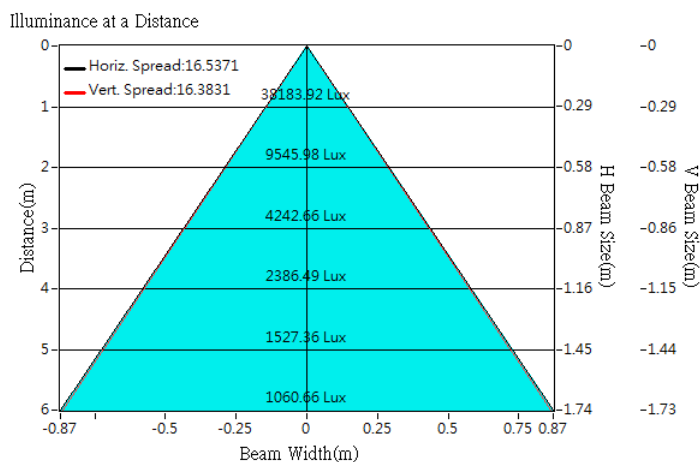
Optical Characteristics

Model Number	CKO-CH15-110058-3701		“H” definition 
LED	CLU 730		
LES / LED Size	Φ 13 mm		
FWHM (D50)	16°		
Field Angle (D10)	33°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=58 mm		
Luminous Flux	5241 lm	Measured @ 65 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

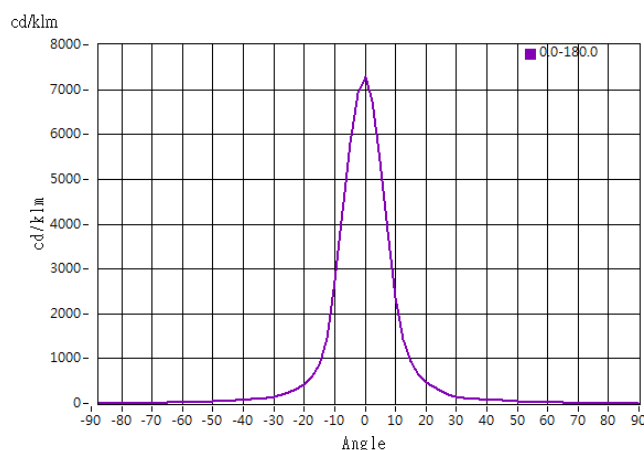




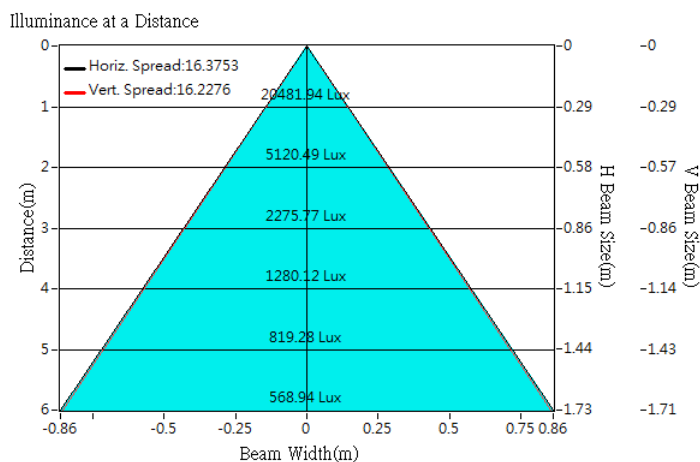
Optical Characteristics

Model Number	CKO-CH15-110058-3701		"H" definition 
LED	CLU 038		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	16°		
Field Angle (D10)	33°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=58 mm		
Luminous Flux	2814 lm	Measured @25 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

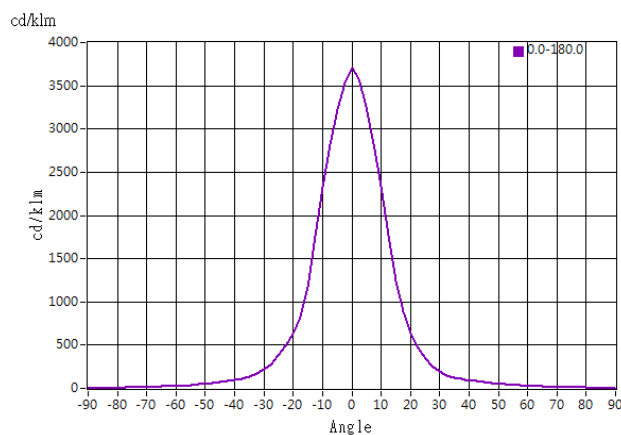




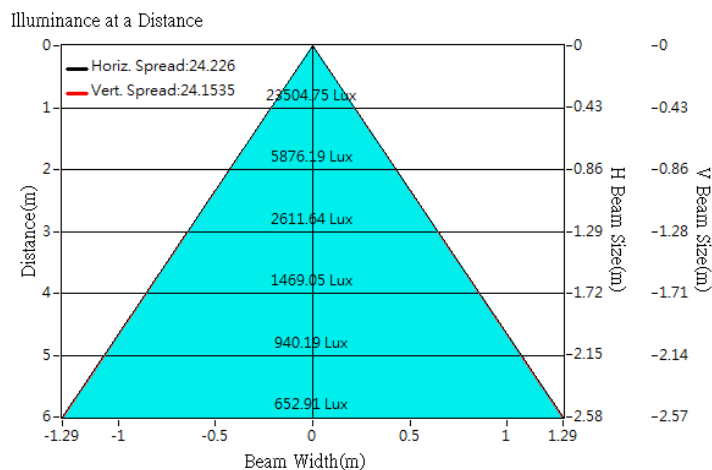
Optical Characteristics

Model Number	CKO-CH15-110058-3701		"H" definition
LED	CLU 048		
LES / LED Size	Φ 22 mm		
FWHM (D50)	24°		
Field Angle (D10)	50°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=58 mm		
Luminous Flux	6349 lm	Measured @50.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

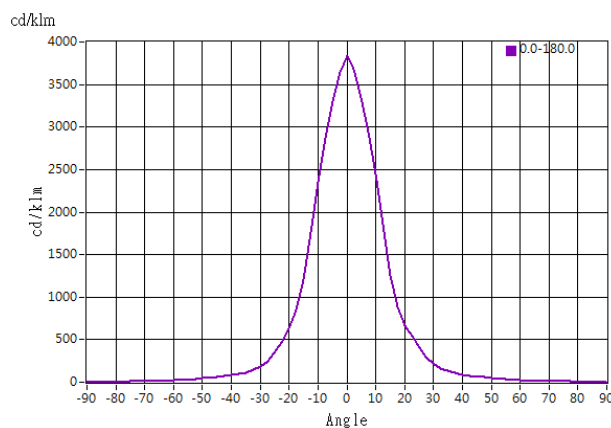




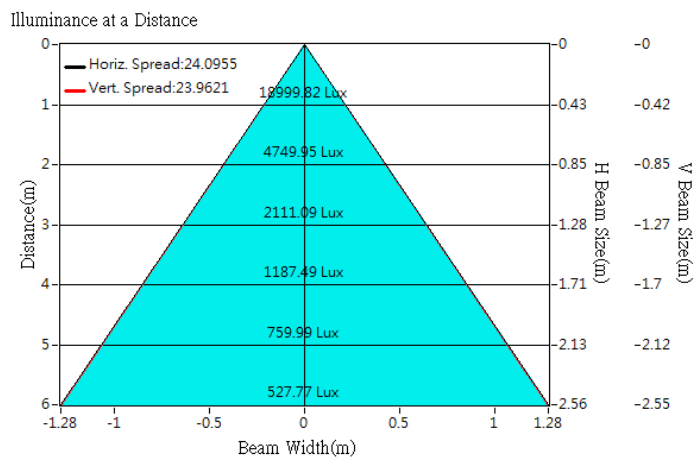
Optical Characteristics

Model Number	CKO-CH15-110058-3701		"H" definition 
LED	CLU 046		
LES / LED Size	Φ 22 mm		
FWHM (D50)	24°		
Field Angle (D10)	50°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=58 mm		
Luminous Flux	4953 lm	Measured @37.4 W	
Material	PC / UL94V2		

cd/klm

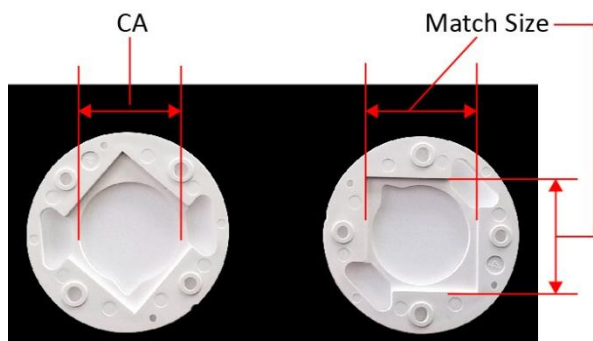


Illuminance At Distances





Lens Accessories - CoB Holder



Example of LES Area & LED Size
Dimension Locations

Product Model	Match Size (mm)	CA (mm)	Material	Applicability
CKO-HC13-131311-6416	13.8 x 13.8	Φ 11.6	PBT	Citizen CLL020
CKO-HC13-191917-6417	19.3 x 19.3	Φ 17.4	PBT	Citizen CLL030
CKO-HC13-282824-6418	28.3 x 28.3	Φ 24.9	PBT	Citizen CLL040