浚洸光學科技股份有限公司
Chun Kuang Optics Corp.

Product Model Number

CKO-CH17-092050-0701

✓ Model Number Definitions

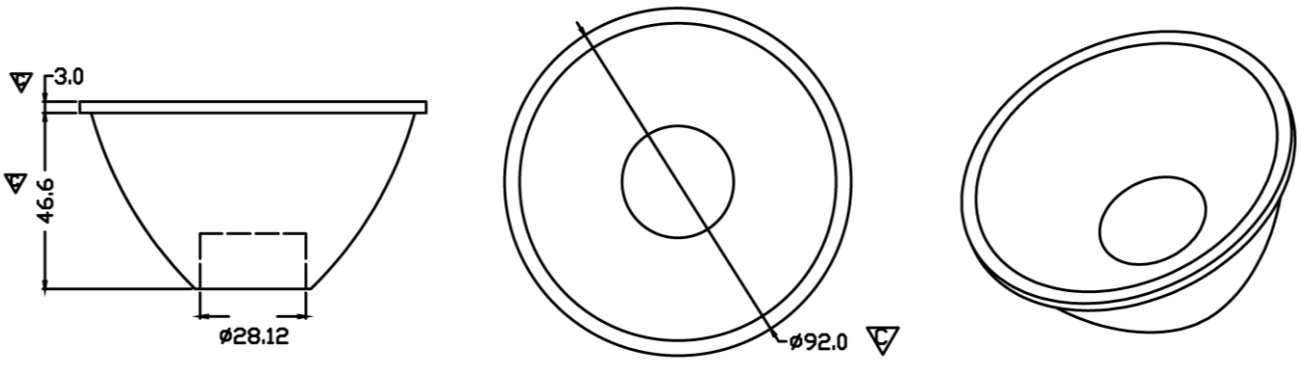
CKO-XXXX-XXXXXX-XXXX

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

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 92 x 49.6



▽:Critical Dimension

Chun Kuang Optics Corp.
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2022/7/19

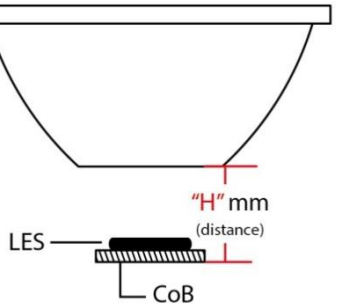
✓ Optical Characteristics – Angle Performances

Citizen	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CLU 730	Φ13	14°	28°
CLU 038	Φ14.5	13°	27°
CLU 036	Φ14.5	15°	36°
CLU 034	Φ14.5	14°	31°
CLU 046	Φ22	23°	47°

Optical Characteristics

Model Number	CKO-CH17-092050-0701	
LED	CLU 730	
LES / LED Size	Φ 13 mm	
FWHM (D50)	14°	
Field Angle (D10)	28°	
H (distance)	3.65 mm	
Dimension	Φ =92 mm, Thickness=49.6 mm	
Luminous Flux	5005 lm	Measured @ 65.2 W
Material	PC / UL94V2	

"H" definition



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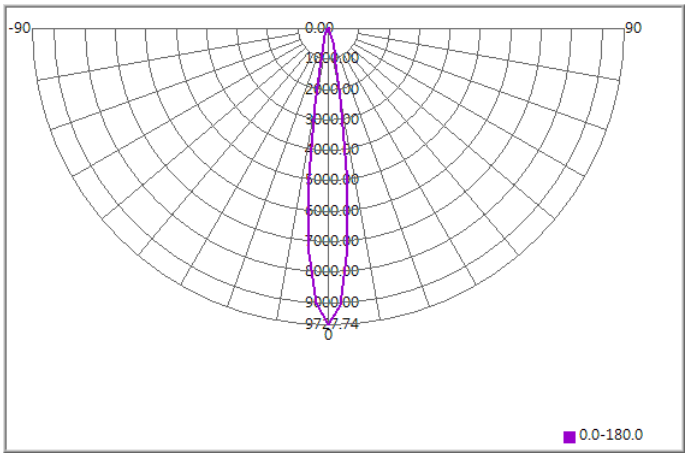
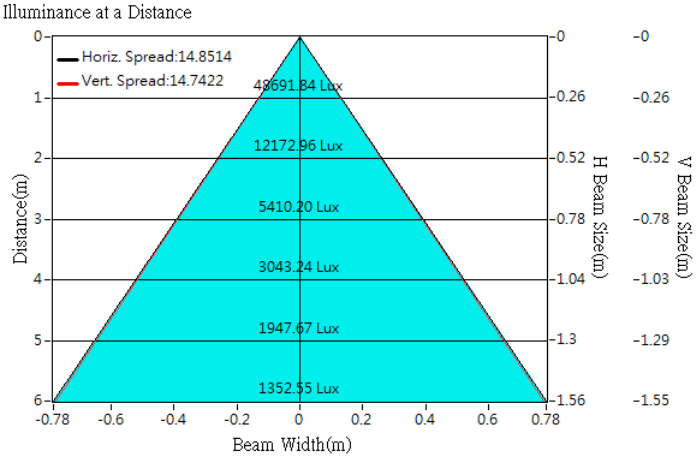


Illuminance At Distances



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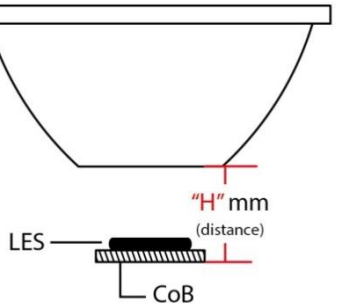
Optical Characteristics

Model Number	CKO-CH17-092050-0701	
LED	CLU 038	
LES / LED Size	Φ 14.5 mm	
FWHM (D50)	13°	
Field Angle (D10)	27°	
H (distance)	3.65 mm	
Dimension	Φ =92 mm, Thickness=49.6 mm	
Luminous Flux	3749 lm	Measured @ 25.5 W
Material	PC / UL94V2	

"H" definition



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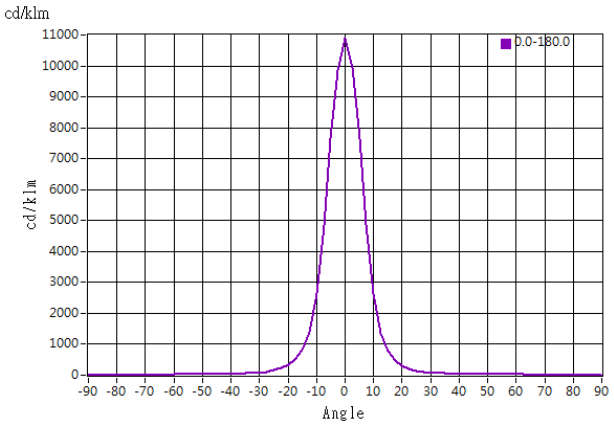
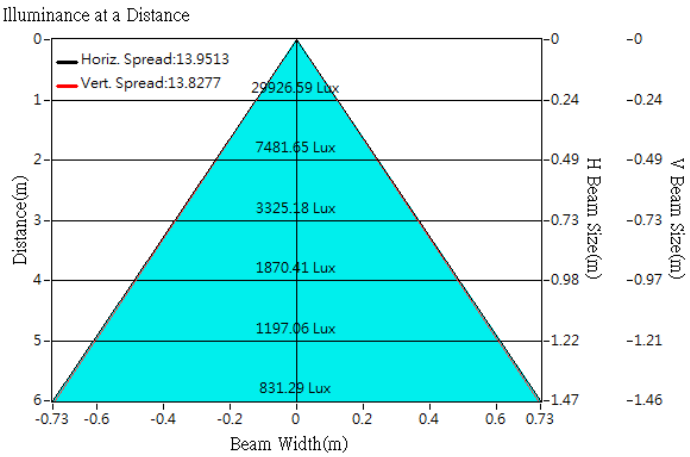


Illuminance At Distances



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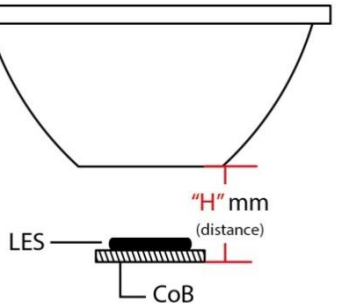
Optical Characteristics

Model Number	CKO-CH17-092050-0701	
LED	CLU 036	
LES / LED Size	Φ 14.5 mm	
FWHM (D50)	15°	
Field Angle (D10)	36°	
H (distance)	3.65 mm	
Dimension	Φ =92 mm, Thickness=49.6 mm	
Luminous Flux	1785 lm	Measured @ 15.7 W
Material	PC / UL94V2	

"H" definition



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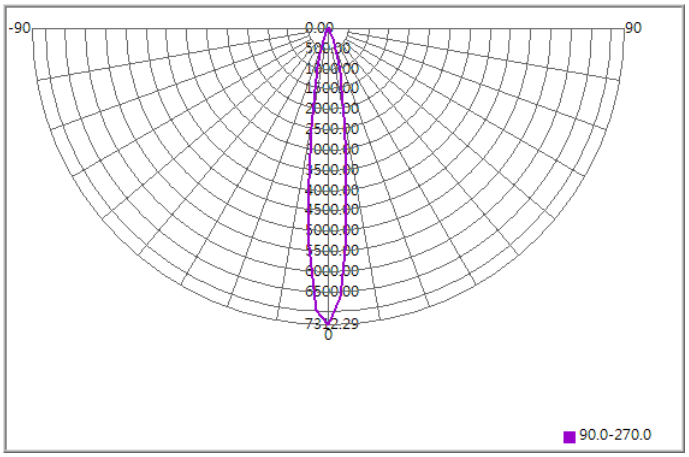

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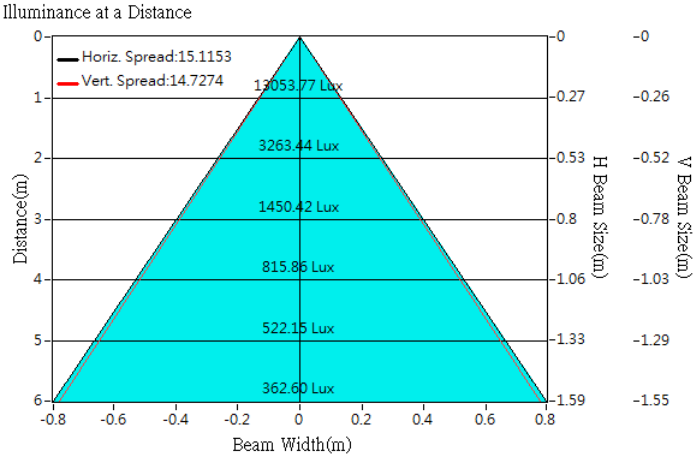

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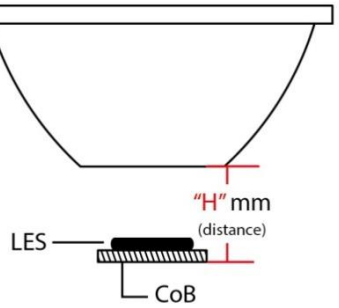
Optical Characteristics

Model Number	CKO-CH17-092050-0701	
LED	**CLU 046**	
LES / LED Size	Φ 22 mm	
FWHM (D50)	23°	
Field Angle (D10)	47°	
H (distance)	3.65 mm	
Dimension	Φ =92 mm, Thickness=49.6 mm	
Luminous Flux	4568 lm	Measured @ 38.4 W
Material	PC / UL94V2	

"H" definition



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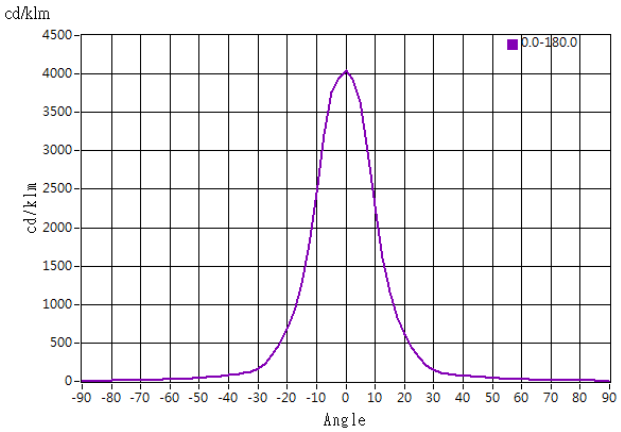

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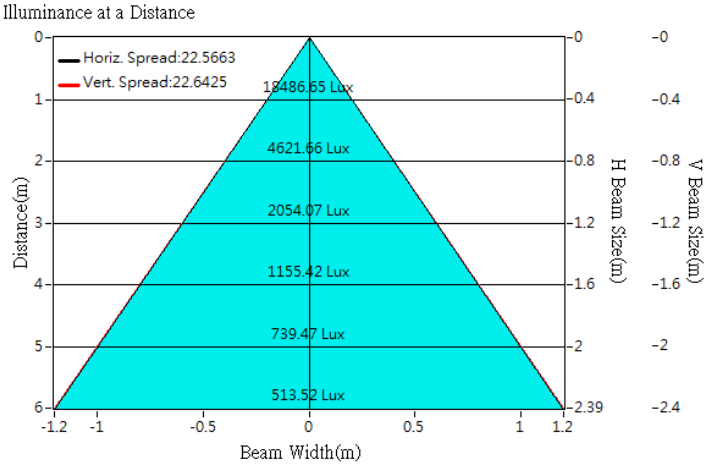

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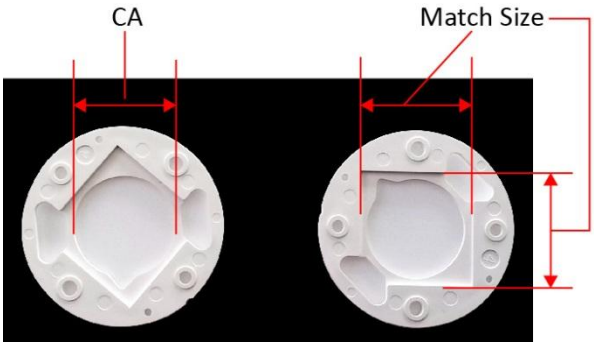
Lens Accessories - CoB Holder



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**

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