



Product Model Number

CKO-CU15-034009-9913

✓ 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)

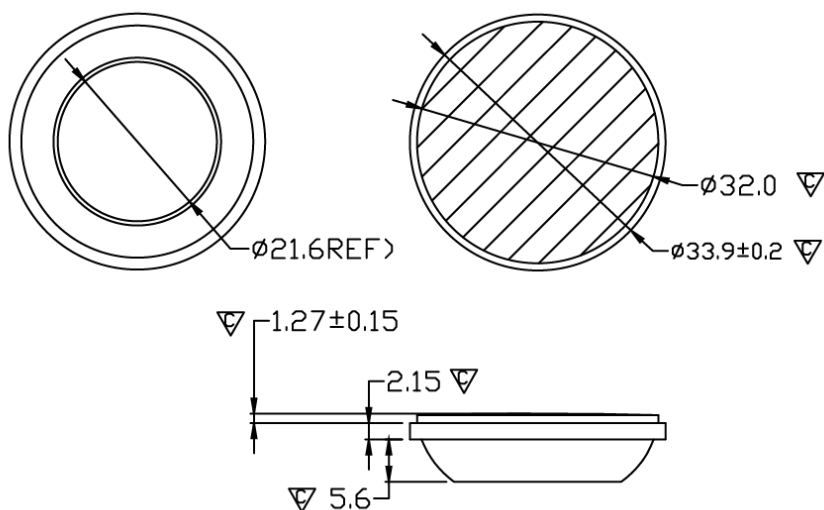


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ33.9 x 8.2



▽:Critical Dimension

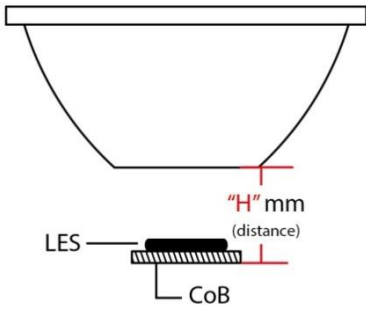


✓ **Optical Characteristics – Angle Performances**

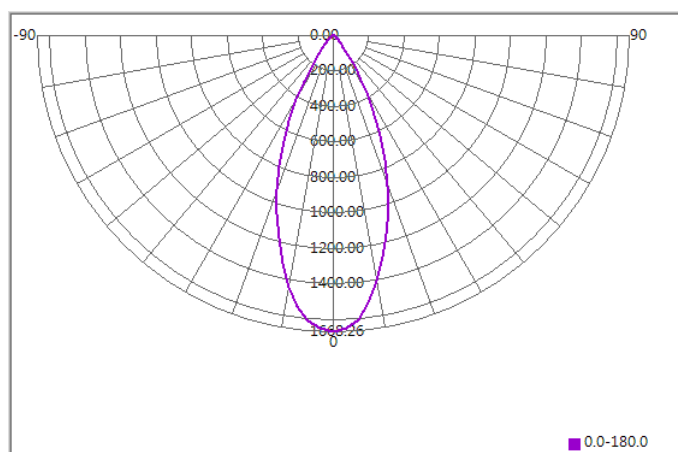
Luminus	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CXM-3-AC40	Φ3.5	43°	72°
CXM-4-AC40	Φ4.5	44°	74°
CXM-6-AC40	Φ6.3	50°	78°
CXM-9-AC30	Φ9.6	58°	89°
CXM-9-AC40	Φ9.8	56°	91°



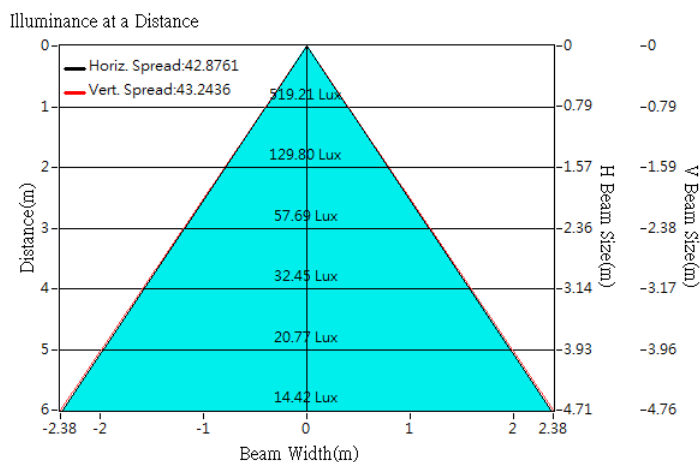
Optical Characteristics

Model Number	CKO-CU15-034009-9913		"H" definition 
LED	CXM-3-AC40		
LES / LED Size	Φ 3.5 mm		
FWHM (D50)	43°		
Field Angle (D10)	72°		
H (distance)	2.4 mm		
Dimension	Φ =33.9 mm, Thickness= 8.2 mm		
Luminous Flux	311 lm	Measured @ 2.8 W	
Material	PC / UL94V2		

cd/klm

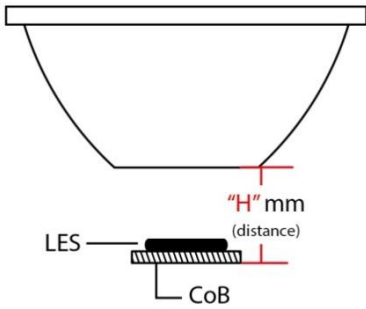


Illuminance At Distances

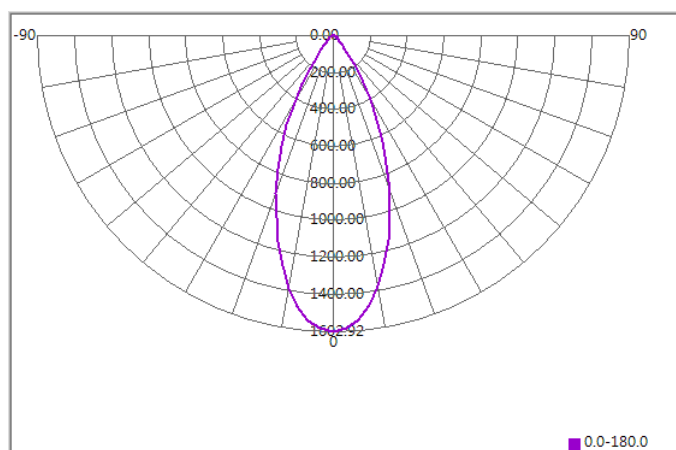




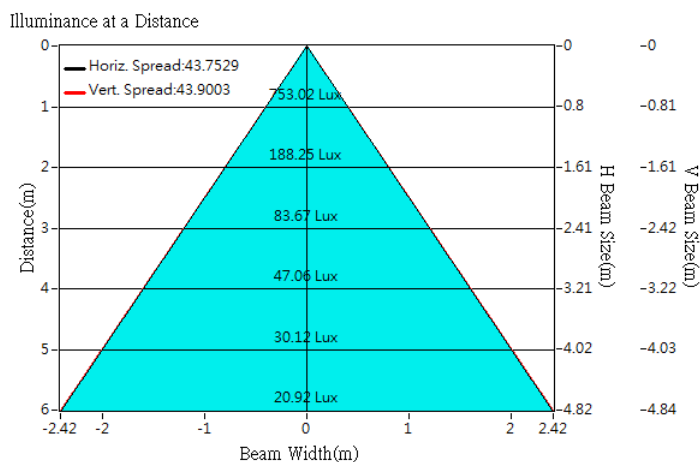
Optical Characteristics

Model Number	CKO-CU15-034009-9913		
LED	CXM-4-AC40		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	44°		
Field Angle (D10)	74°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=26 mm		
Luminous Flux	469 lm	Measured @ 4 W	
Material	PC / UL94V2		

cd/klm

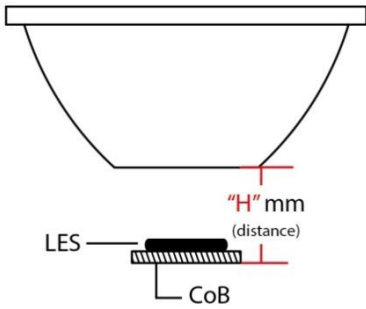


Illuminance At Distances

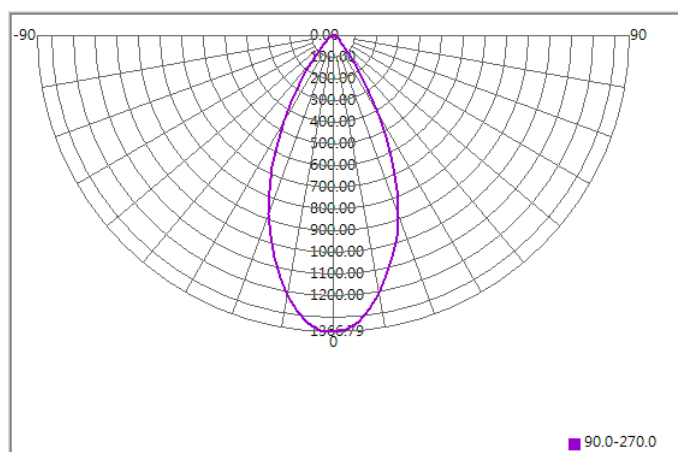




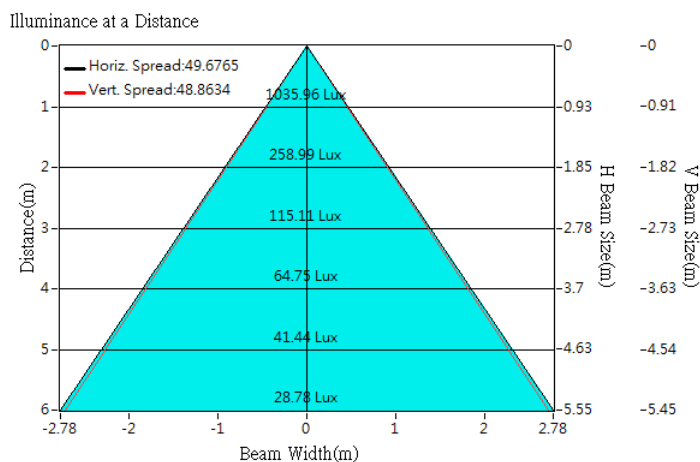
Optical Characteristics

Model Number	CKO-CU15-034009-9913		“H” definition 
LED	CXM-6-AC40		
LES / LED Size	Φ 6.3 mm		
FWHM (D50)	50°		
Field Angle (D10)	78°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=26 mm		
Luminous Flux	757 lm	Measured @ 5 W	
Material	PC / UL94V2		

cd/klm

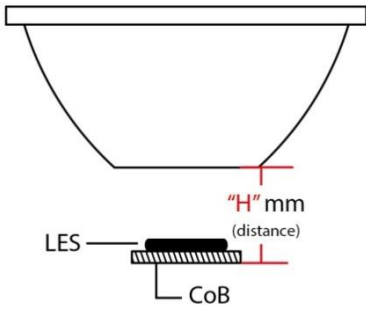


Illuminance At Distances

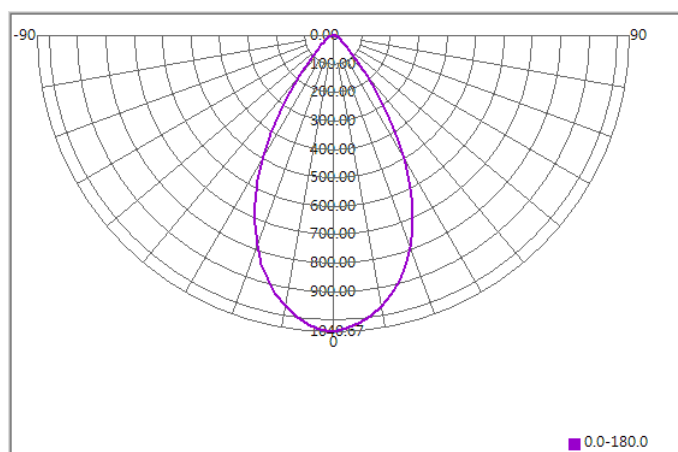




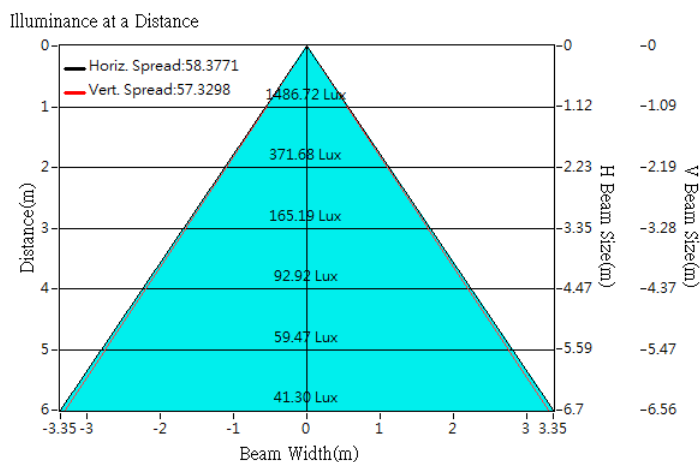
Optical Characteristics

Model Number	CKO-CU15-034009-9913		
LED	CXM-9-AC30		
LES / LED Size	Φ 9.6 mm		
FWHM (D50)	58°		
Field Angle (D10)	89°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=26 mm		
Luminous Flux	1428 lm	Measured @ 12 W	
Material	PC / UL94V2		

cd/klm

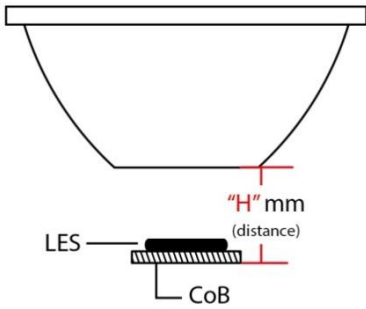


Illuminance At Distances

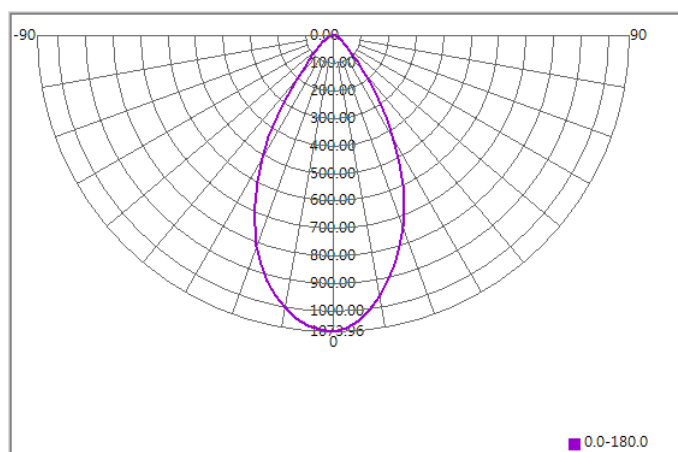




Optical Characteristics

Model Number	CKO-CU15-034009-9913		
LED	CXM-9-AC40		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	56°		
Field Angle (D10)	91°		
H (distance)	2.4 mm		
Dimension	Φ =33.9 mm, Thickness= 8.2 mm		
Luminous Flux	1548 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

