



Product Model Number

CKO-CH17-075041-0303

✓ 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)

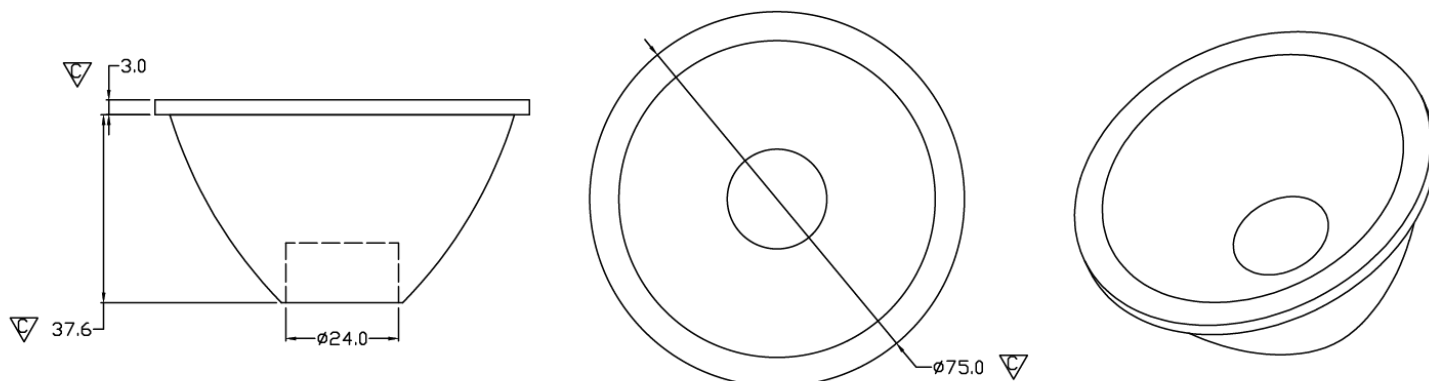


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ 75 x 40.6



▽:Critical Dimension

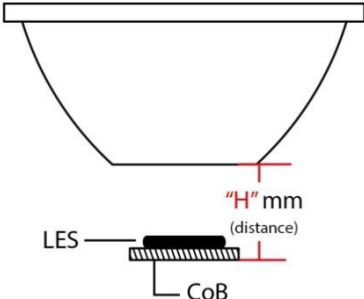


✓ **Optical Characteristics – Angle Performances**

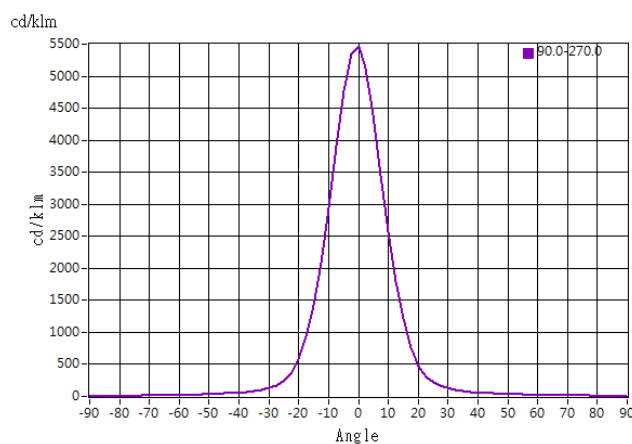
Citizen	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CLU 710	Φ8.5	20°	39°
CLU 711	Φ8.5	20°	39°
CLL 020	Φ9.8	21°	40°
CLU 026	Φ9.8	21°	41°
CLU 024	Φ9.8	21°	41°
CLU 028	Φ9.8	21°	42°
CLU 721	Φ11	22°	43°
CLL 030	Φ14.5	26°	49°
CLU 036	Φ14.5	27°	50°
CLU 038	Φ14.5	26°	50°



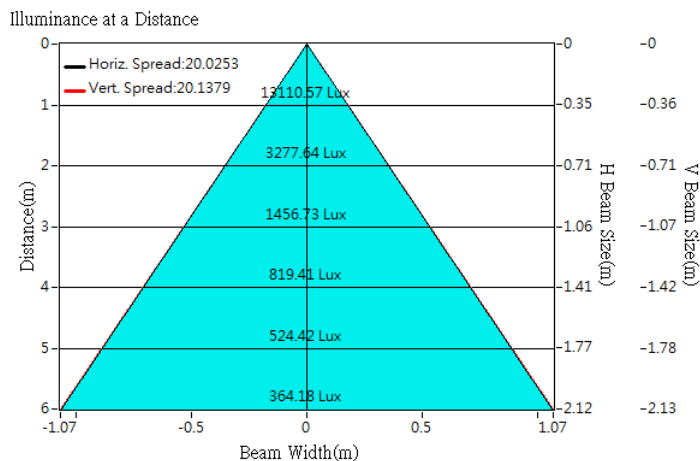
Optical Characteristics

Model Number	CKO-CH17-075041-0303		"H" definition
LED	CLU 710		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	20°		
Field Angle (D10)	39°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2399 lm	Measured @ 27.4 W	
Material	PC / UL94V2		

cd/klm

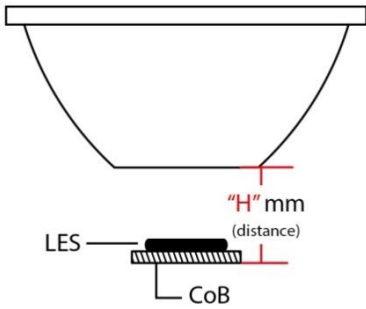


Illuminance At Distances

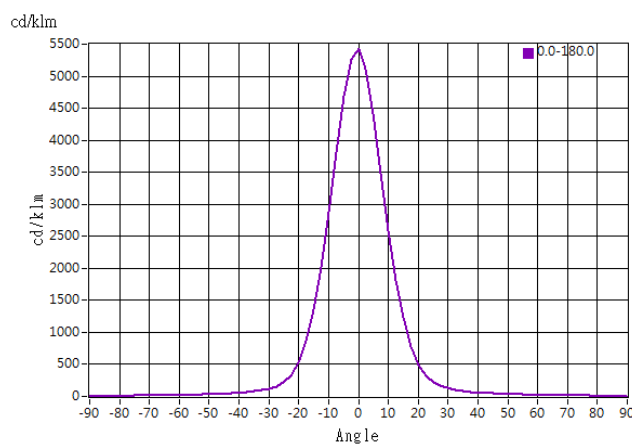




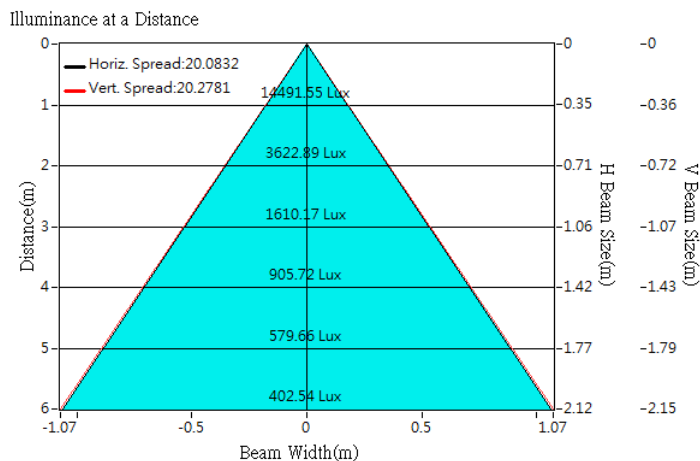
Optical Characteristics

Model Number	CKO-CH17-075041-0303		"H" definition
LED	CLU 711		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	20°		
Field Angle (D10)	39°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2667 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm

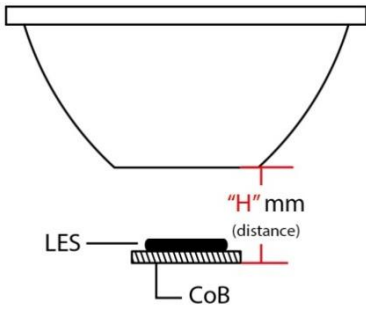


Illuminance At Distances

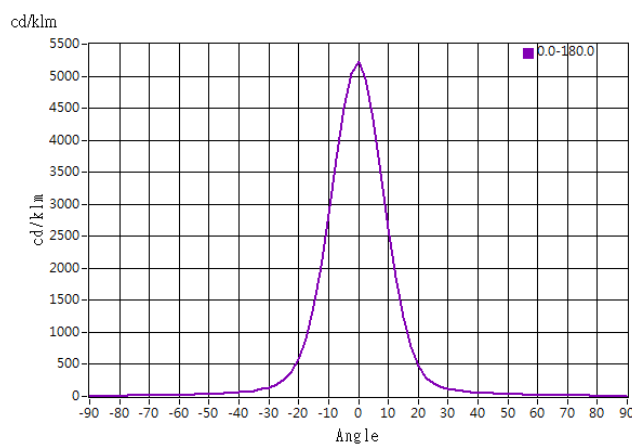




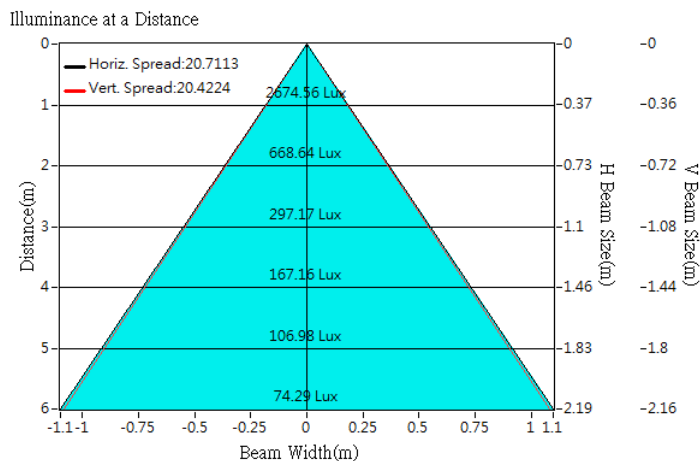
Optical Characteristics

Model Number	CKO-CH17-075041-0303		“H” definition 
LED	CLL 020		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	21°		
Field Angle (D10)	40°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	511 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

cd/klm

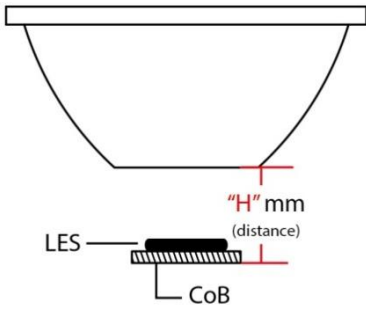


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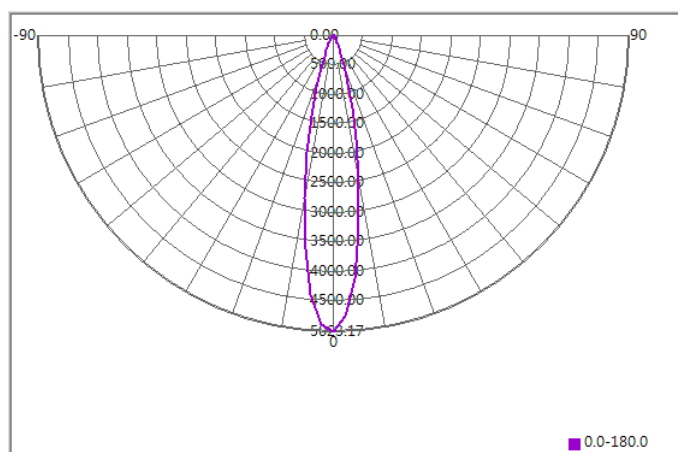




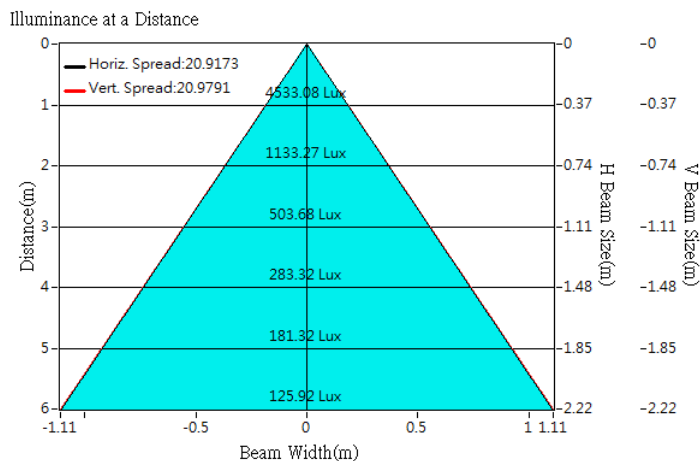
Optical Characteristics

Model Number	CKO-CH17-075041-0303		
LED	CLU 024		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	21°		
Field Angle (D10)	41°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	902 lm	Measured @ 9.4 W	
Material	PC / UL94V2		

cd/klm

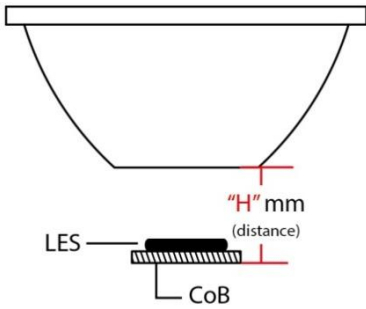


Illuminance At Distances

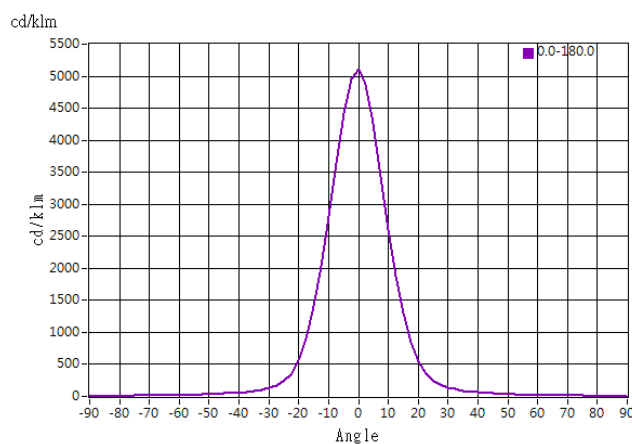




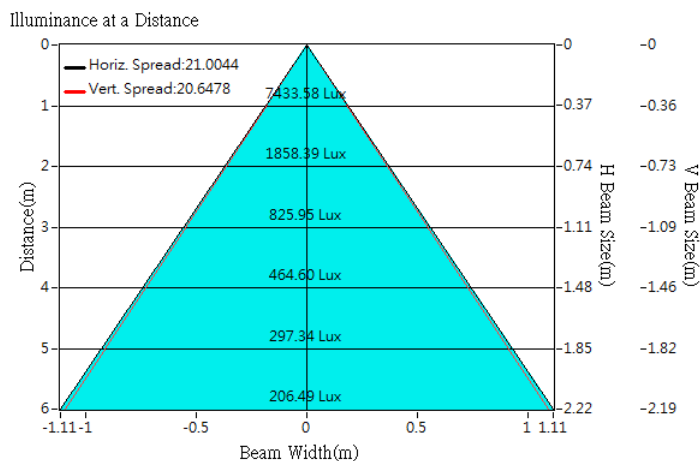
Optical Characteristics

Model Number	CKO-CH17-075041-0303		"H" definition
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	21°		
Field Angle (D10)	41°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1456 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm

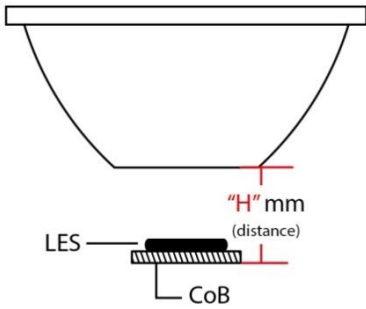


Illuminance At Distances

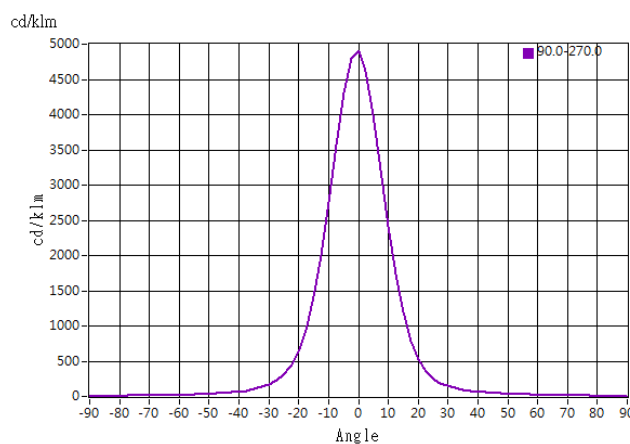




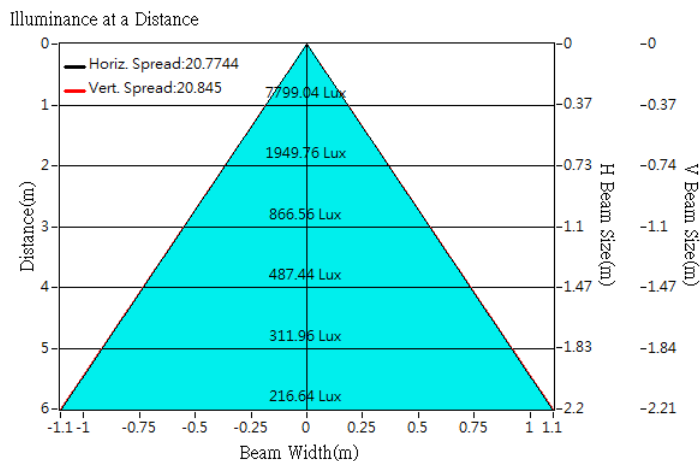
Optical Characteristics

Model Number	CKO-CH17-075041-0303		
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	21°		
Field Angle (D10)	42°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1587 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

cd/klm

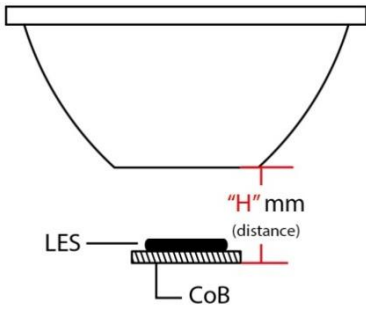


Illuminance At Distances

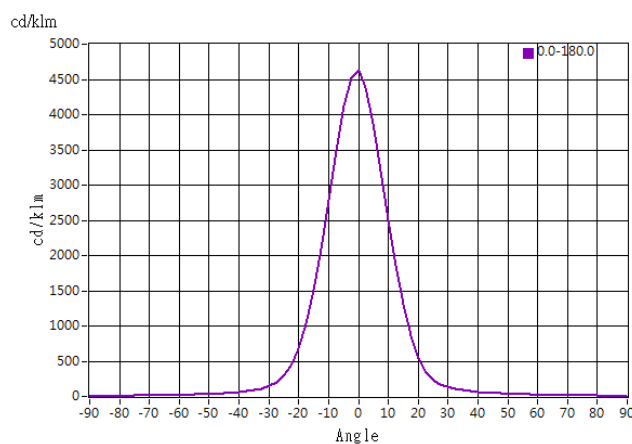




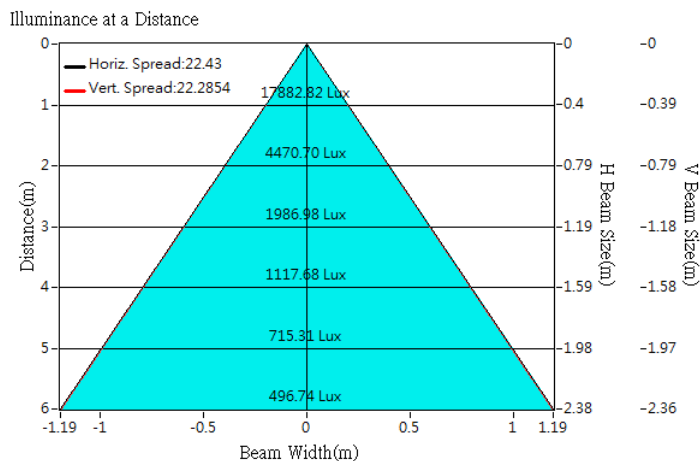
Optical Characteristics

Model Number	CKO-CH17-075041-0303		"H" definition 
LED	CLU 721		
LES / LED Size	Φ 11 mm		
FWHM (D50)	22°		
Field Angle (D10)	43°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	3861 lm	Measured @ 40 W	
Material	PC / UL94V2		

cd/klm

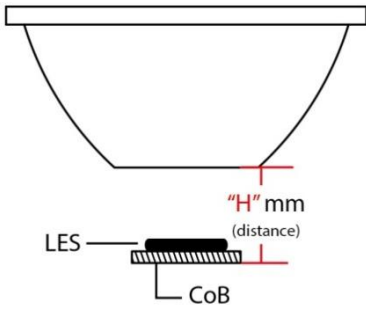


Illuminance At Distances

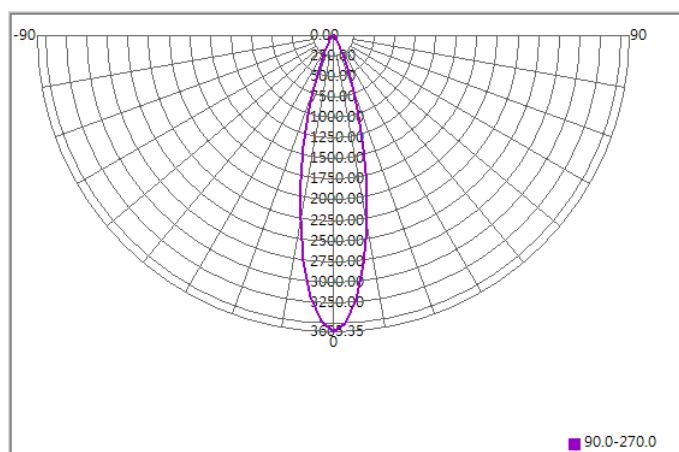




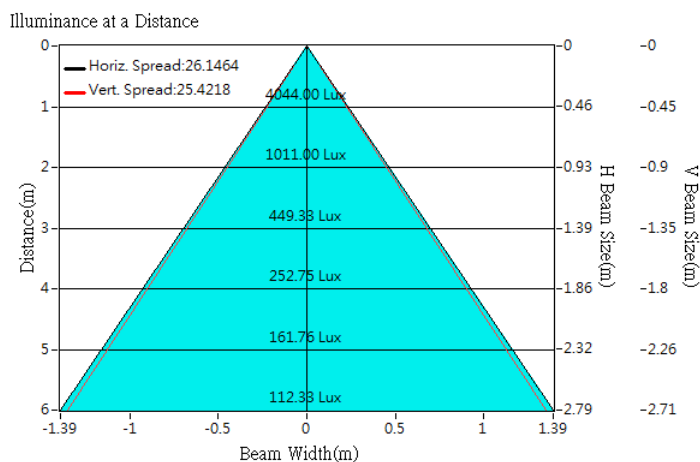
Optical Characteristics

Model Number	CKO-CH17-075041-0303		
LED	CLL 030		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	26°		
Field Angle (D10)	49°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1121 lm	Measured @ 13.4 W	
Material	PC / UL94V2		

cd/klm

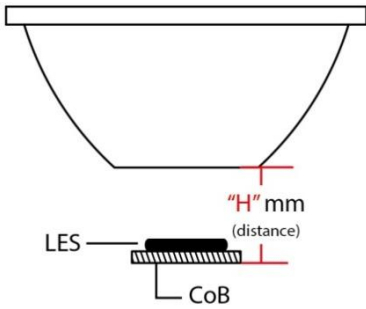


Illuminance At Distances

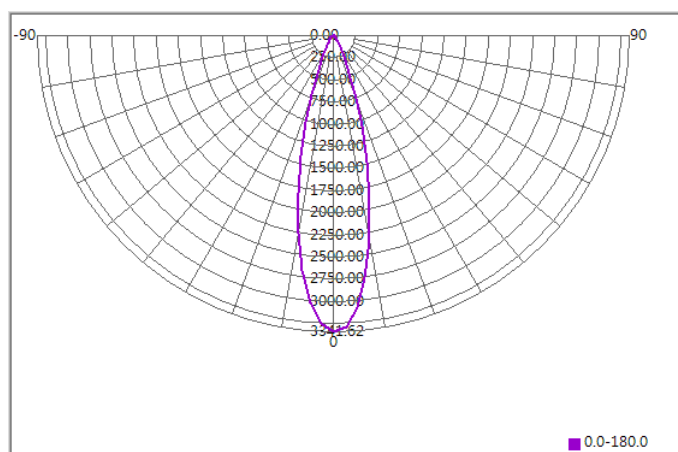




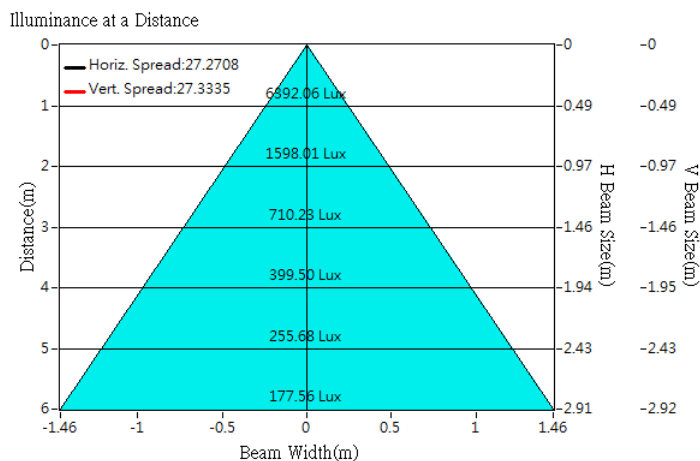
Optical Characteristics

Model Number	CKO-CH17-075041-0303		
LED	CLU 036		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	27°		
Field Angle (D10)	50°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1913 lm	Measured @15.6 W	
Material	PC / UL94V2		

cd/klm

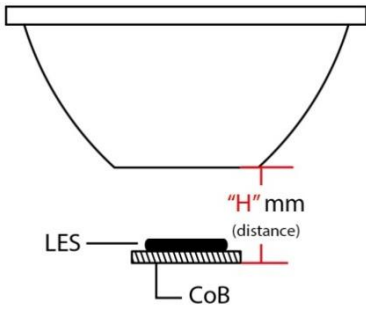


Illuminance At Distances

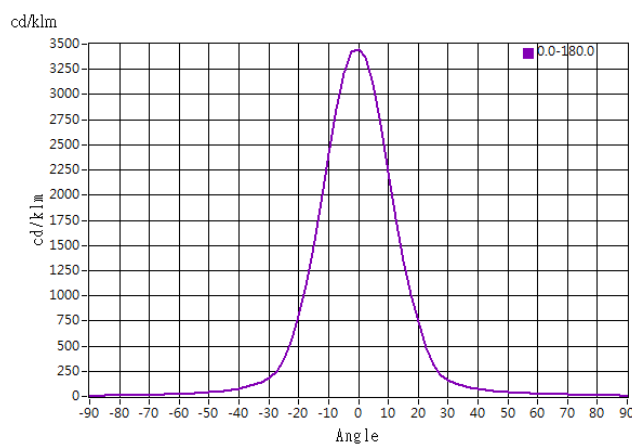




Optical Characteristics

Model Number	CKO-CH17-075041-0303		"H" definition 
LED	CLU 038		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	26°		
Field Angle (D10)	50°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2797 lm	Measured @ 25 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

