



Product Model Number

CKO-CH17-075041-0305

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

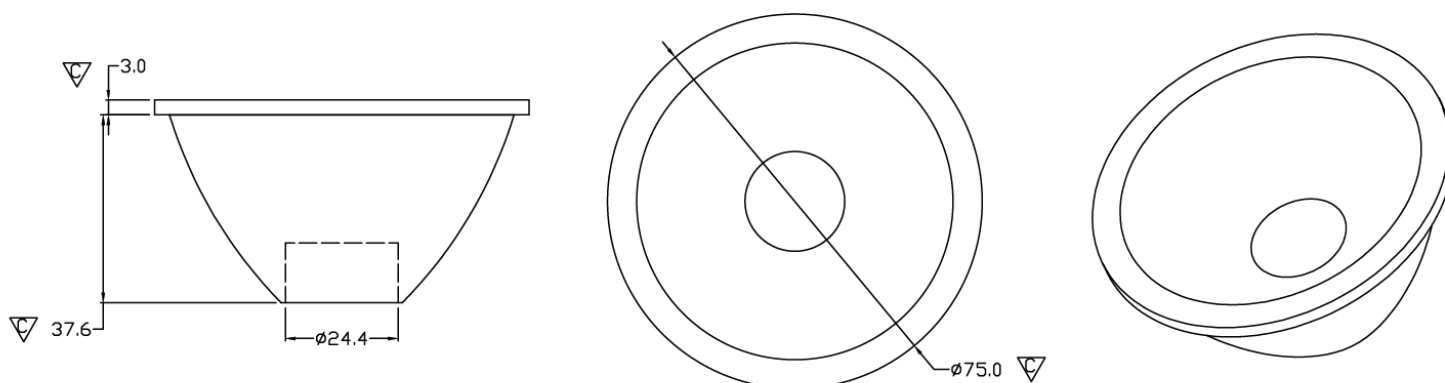


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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

Chun Kuang Optics Corp.

2021/2/22

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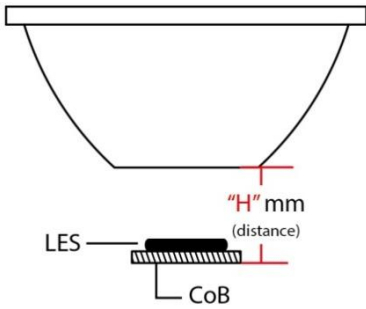


✓ Optical Characteristics – Angle Performances

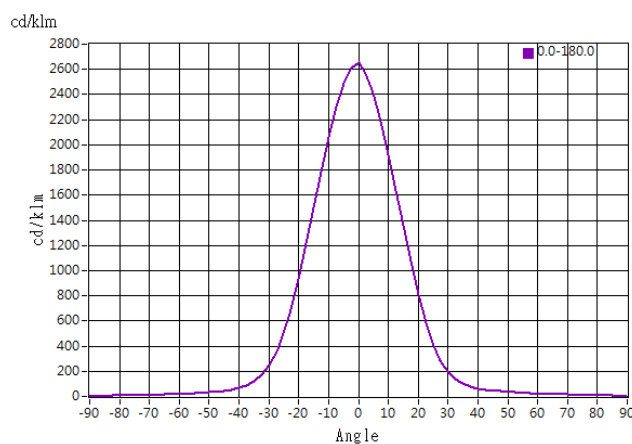
Citizen	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CLU 710	Φ8.5	32°	58°
CLU 711	Φ8.5	32°	59°
CLL 020	Φ9.8	32°	59°
CLU 026	Φ9.8	32°	58°
CLU 024	Φ9.8	32°	60°
CLU 028	Φ9.8	31°	58°
CLU 721	Φ11	33°	61°
CLL 030	Φ14.5	35°	65°
CLU 036	Φ14.5	36°	67°
CLU 038	Φ14.5	35°	63°



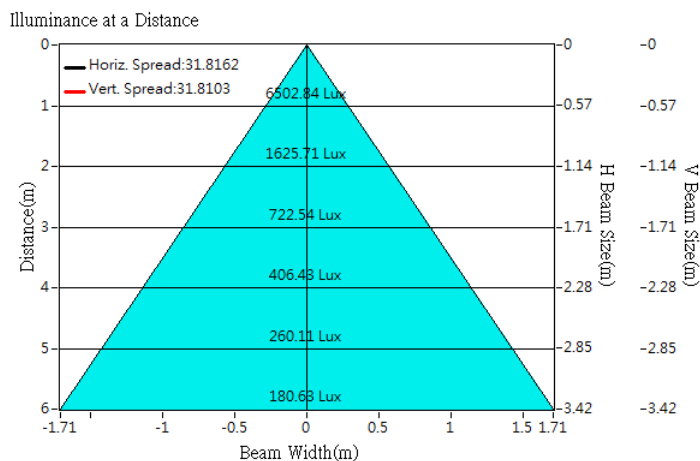
Optical Characteristics

Model Number	CKO-CH17-075041-0305		"H" definition
LED	CLU 710		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	32°		
Field Angle (D10)	58°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2455 lm	Measured @ 27.4 W	
Material	PC / UL94V2		

cd/klm

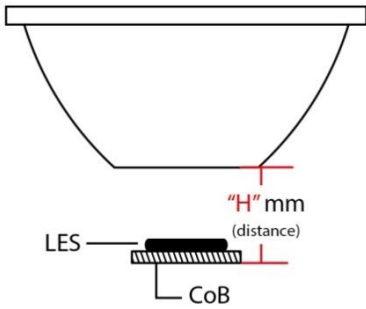


Illuminance At Distances

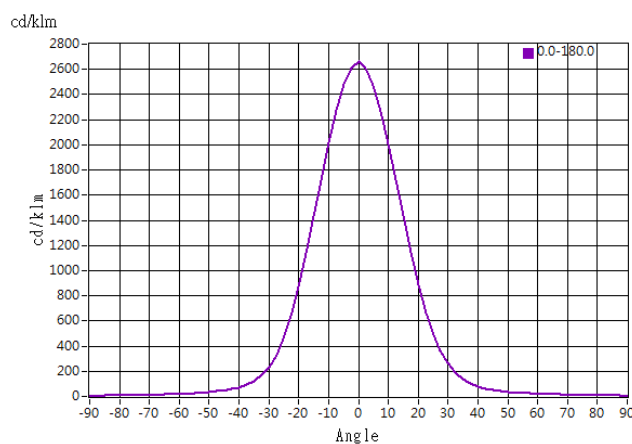




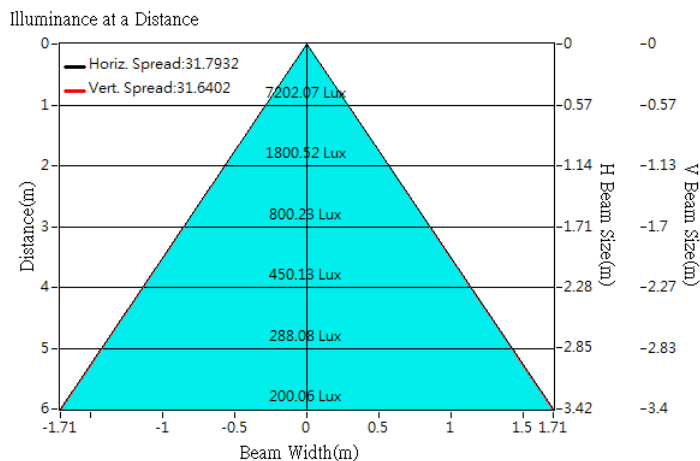
Optical Characteristics

Model Number	CKO-CH17-075041-0305		
LED	CLU 711		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	32°		
Field Angle (D10)	59°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2710 lm	Measured @ 26.7 W	
Material	PC / UL94V2		

cd/klm

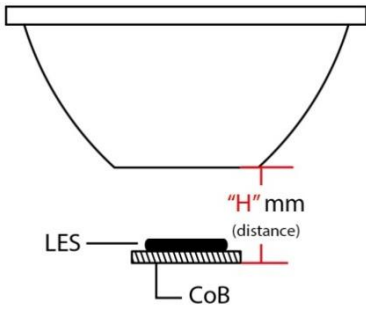


Illuminance At Distances

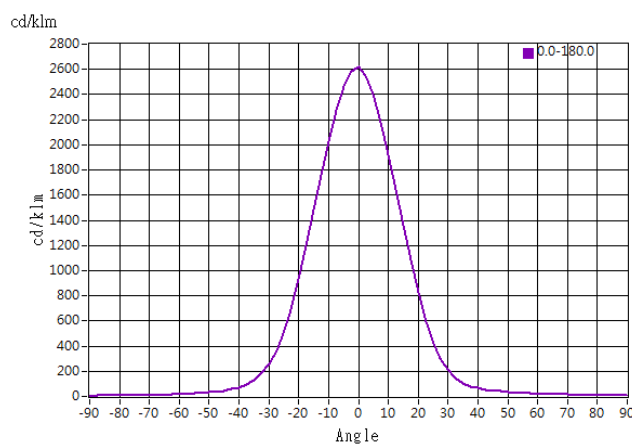




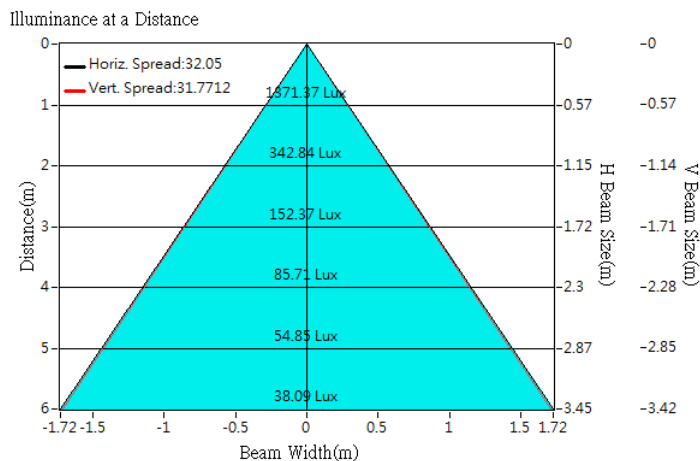
Optical Characteristics

Model Number	CKO-CH17-075041-0305		"H" definition
LED	CLL 020		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	32°		
Field Angle (D10)	59°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	524 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

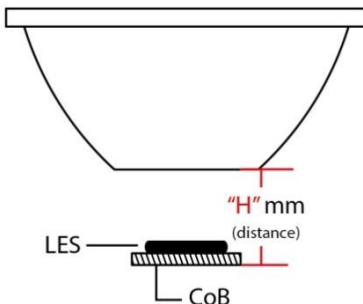
cd/klm



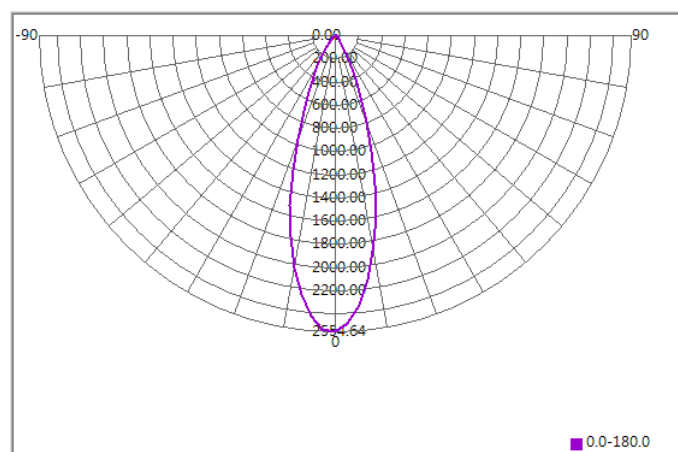
Illuminance At Distances



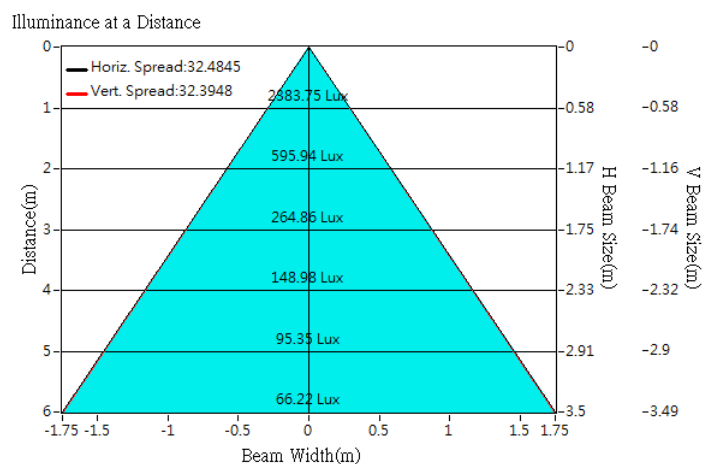
Optical Characteristics

Model Number	CKO-CH17-075041-0305		
LED	CLU 024		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	32°		
Field Angle (D10)	60°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	933 lm	Measured @ 9.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

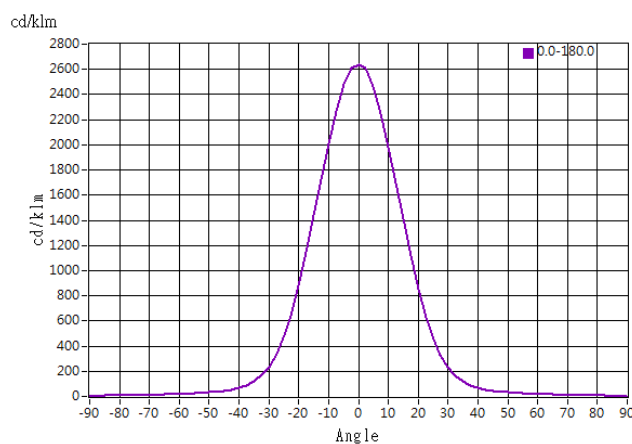




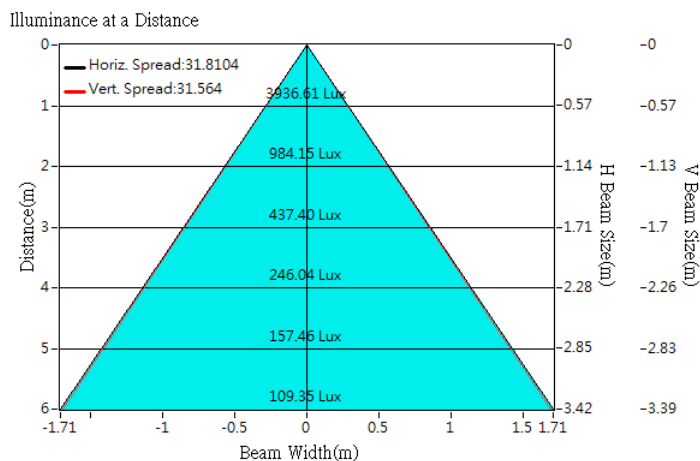
Optical Characteristics

Model Number	CKO-CH17-075041-0305		
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	32°		
Field Angle (D10)	58°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1491 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm

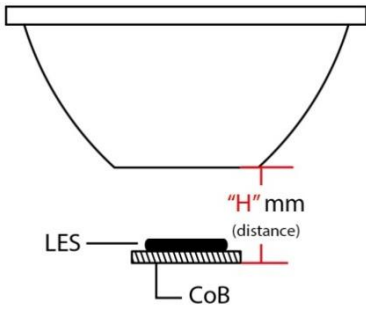


Illuminance At Distances

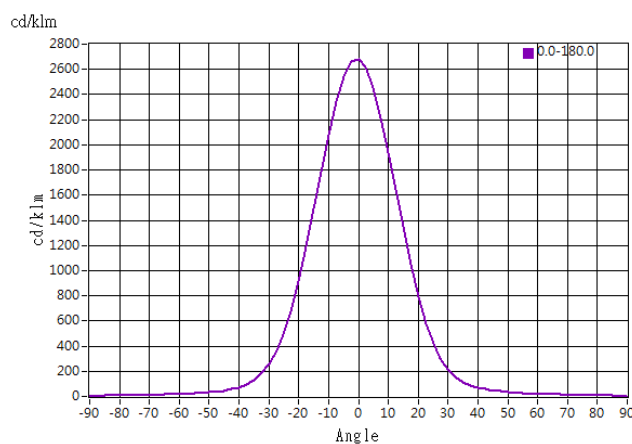




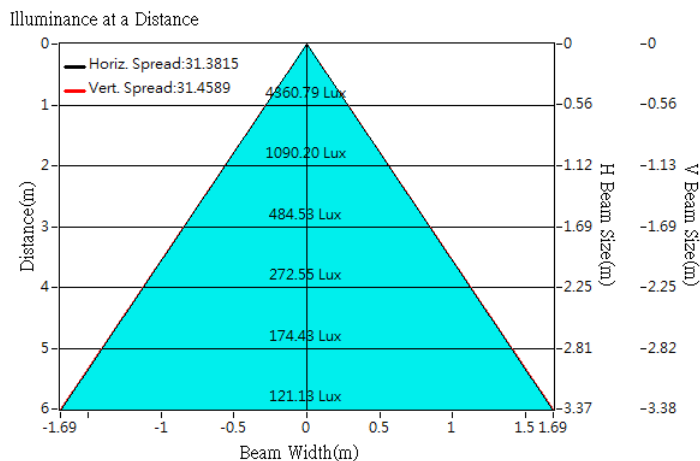
Optical Characteristics

Model Number	CKO-CH17-075041-0305		"H" definition
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	31°		
Field Angle (D10)	58°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1629 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

cd/klm

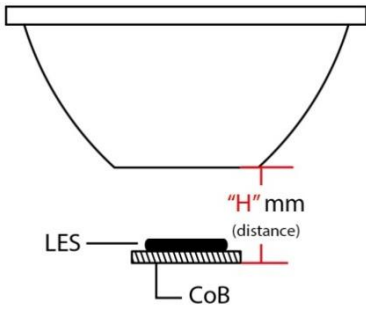


Illuminance At Distances

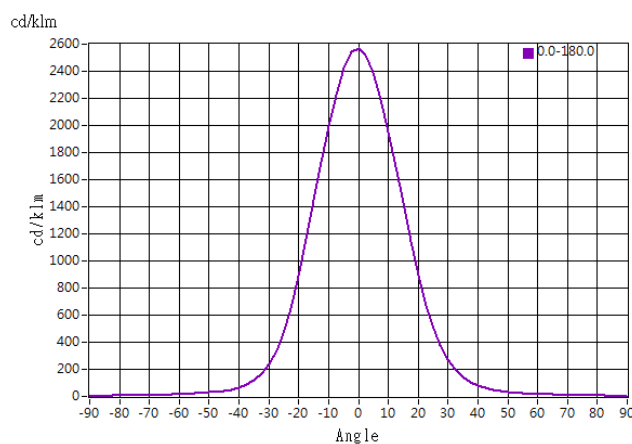




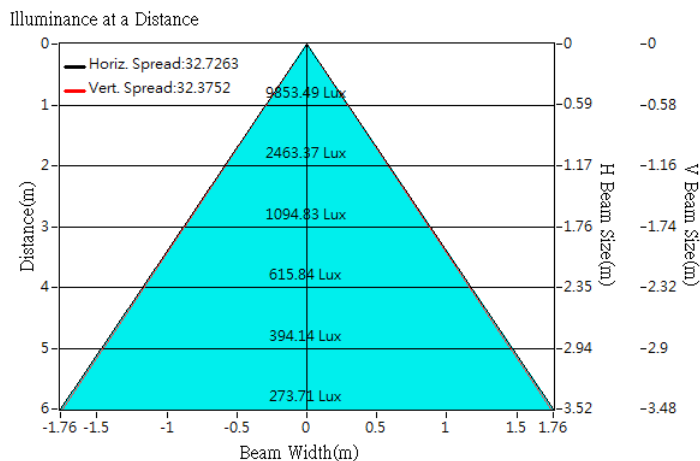
Optical Characteristics

Model Number	CKO-CH17-075041-0305		"H" definition 
LED	CLU 721		
LES / LED Size	Φ 11 mm		
FWHM (D50)	33°		
Field Angle (D10)	61°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	3841 lm	Measured @ 38 W	
Material	PC / UL94V2		

cd/klm

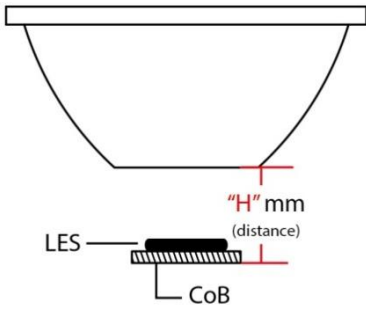


Illuminance At Distances

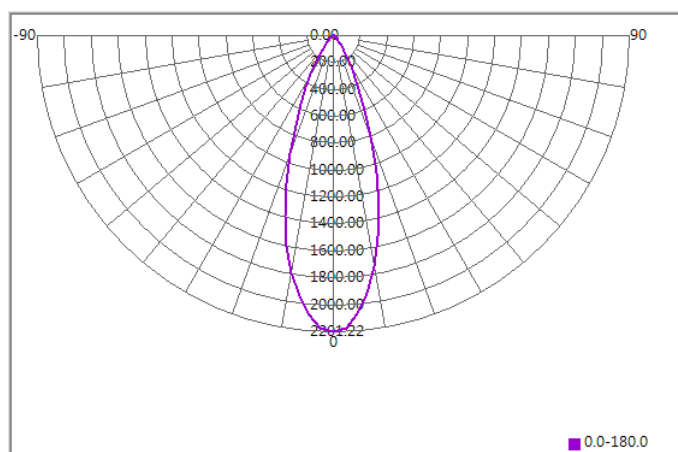




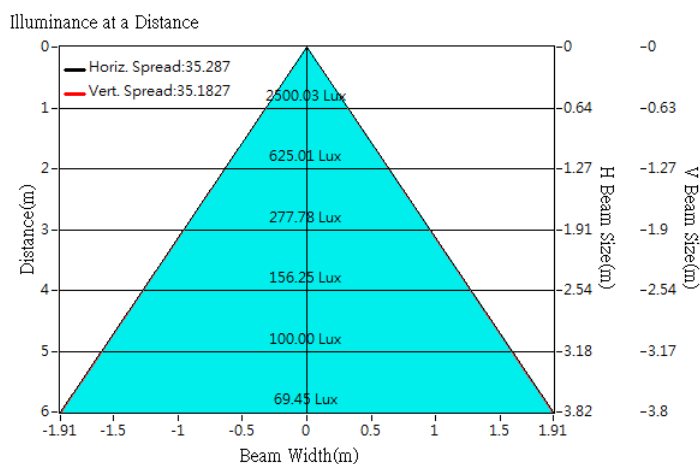
Optical Characteristics

Model Number	CKO-CH17-075041-0305		
LED	CLL 030		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	35°		
Field Angle (D10)	65°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1136 lm	Measured @ 13.4 W	
Material	PC / UL94V2		

cd/klm

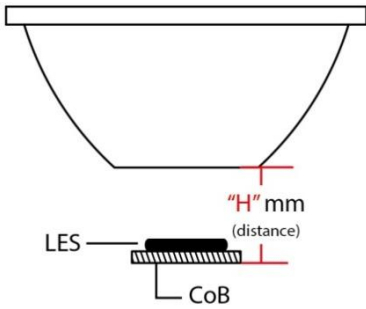


Illuminance At Distances

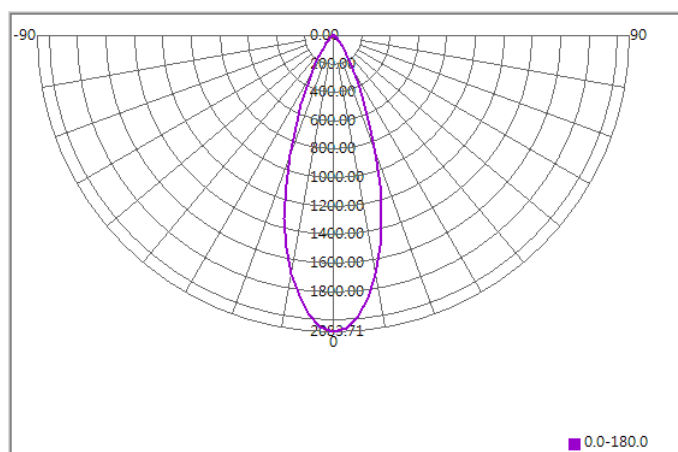




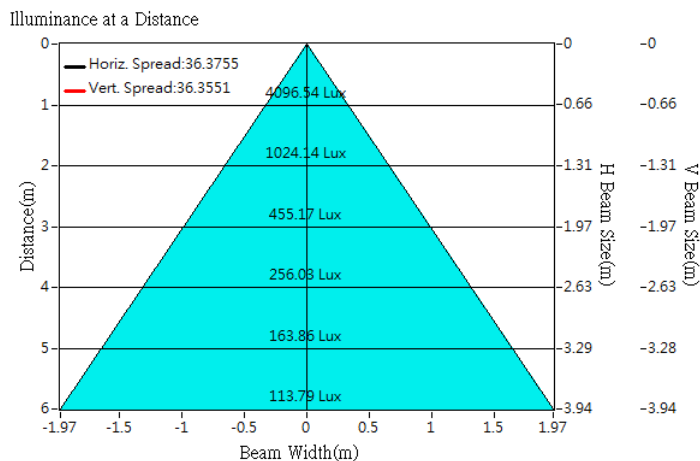
Optical Characteristics

Model Number	CKO-CH17-075041-0305		"H" definition 
LED	CLU 036		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	36°		
Field Angle (D10)	67°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1966 lm	Measured @15.6 W	
Material	PC / UL94V2		

cd/klm

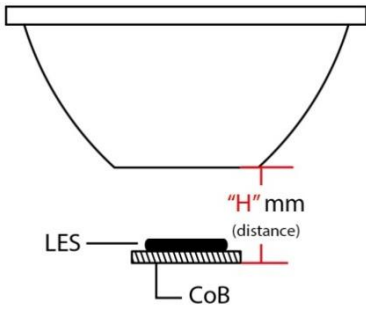


Illuminance At Distances

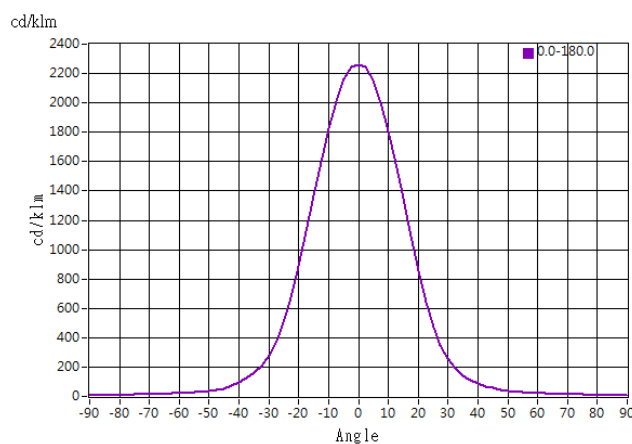




Optical Characteristics

Model Number	CKO-CH17-075041-0305		
LED	CLU 038		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	35°		
Field Angle (D10)	63°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2818 lm	Measured @ 25 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

