



Product Model Number

CKO-CH17-110058-0801

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

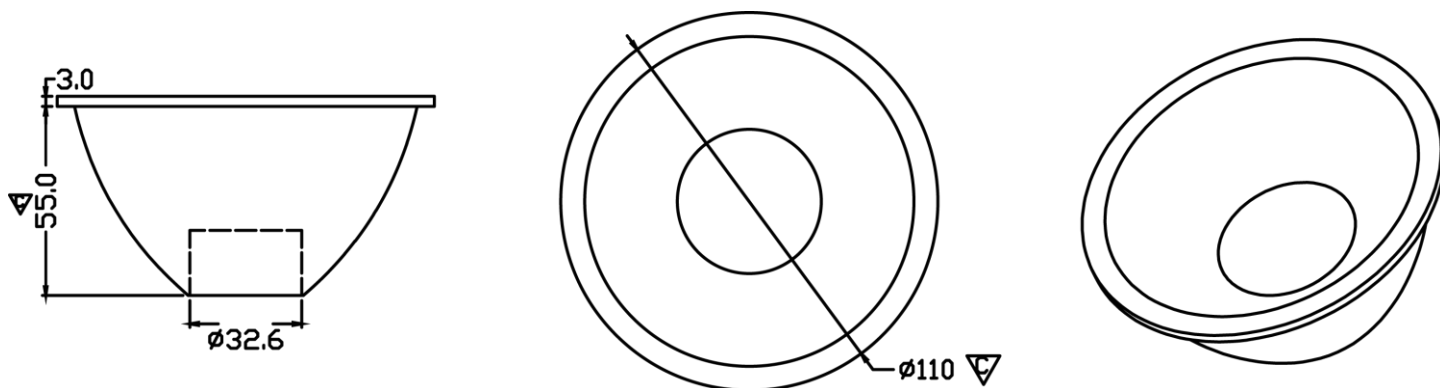


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ 110 x 57.8



▽:Critical Dimension

Chun Kuang Optics Corp.

2022/8/8

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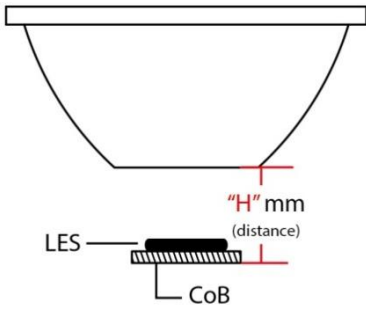


✓ **Optical Characteristics – Angle Performances**

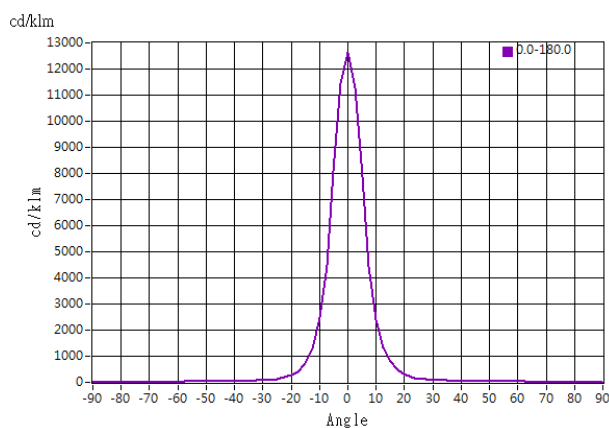
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM PW 1205 L13 G6	Φ13	12°	25°
Fortimo SLM PW 1205 L13 G6_DL	Φ13	12°	25°
Fortimo SLM PW 1205 L13 G6_PI	Φ13	12°	25°
Fortimo SLM 1205 L15 G7N	Φ14.5	13°	31°
Fortimo SLM 1206 L15 G7N	Φ14.5	13°	30°
Fortimo SLM 1208 L15 G7N	Φ14.5	13°	30°
Fortimo SLM 1208 L15 G7	Φ15	13°	30°
Fortimo SLM 1208 L15 G6	Φ15	13°	27°
Fortimo SLM 1208 L15 G6_DL	Φ15	13°	27°
Fortimo SLM 1208 L15 G6_PI	Φ15	13°	27°
Fortimo SLM 1211 L19 G6	Φ19	16°	35°
Fortimo SLM 1211 L22 G7N	Φ22	18°	42°
Fortimo SLM 1212 L22 G7N	Φ22	18°	43°
Fortimo SLM 1216 L23 G6	Φ23	19°	42°



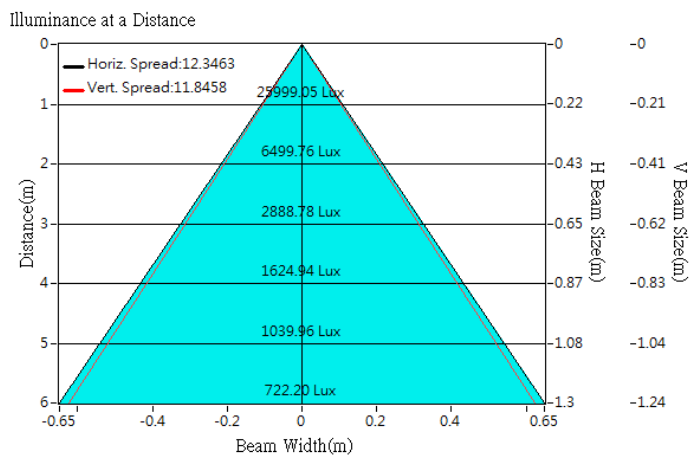
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	4.0 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2054 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm

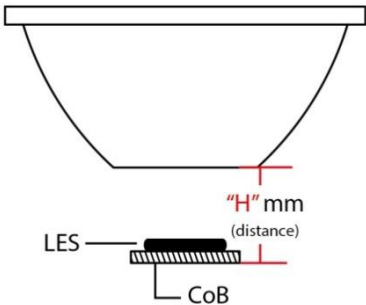


Illuminance At Distances

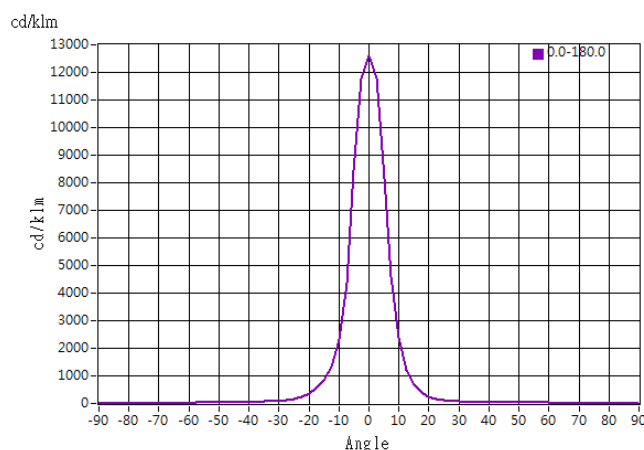




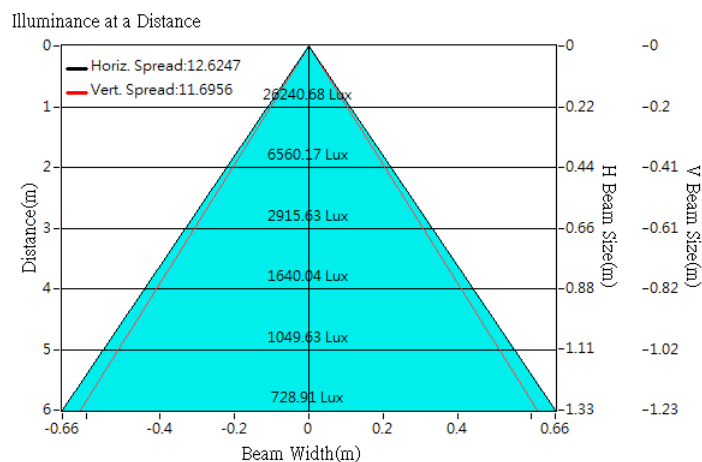
Optical Characteristics

Model Number	CKO-CH17-110058-0801		
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	3.5 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2085 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm

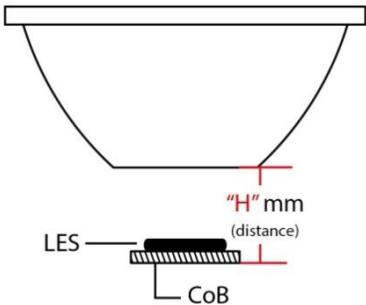


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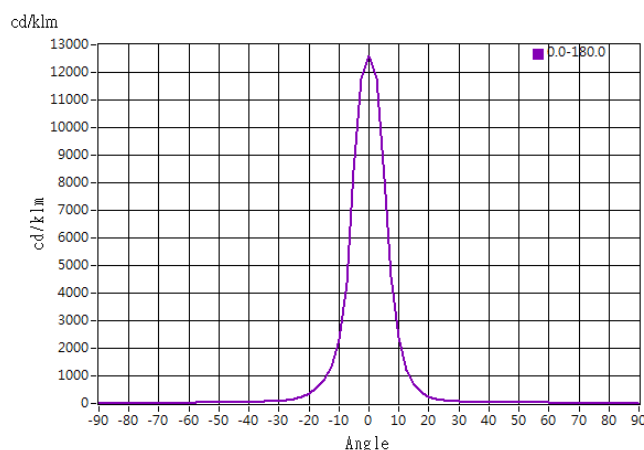




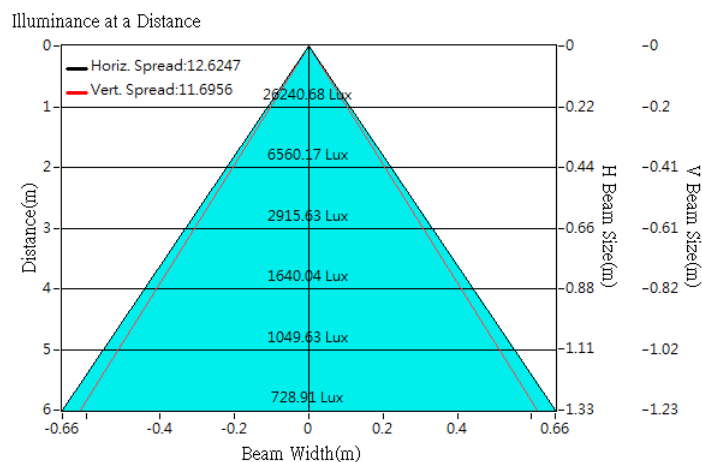
Optical Characteristics

Model Number	CKO-CH17-110058-0801		
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	3.5 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2085 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm

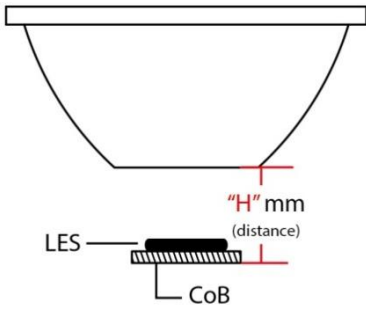


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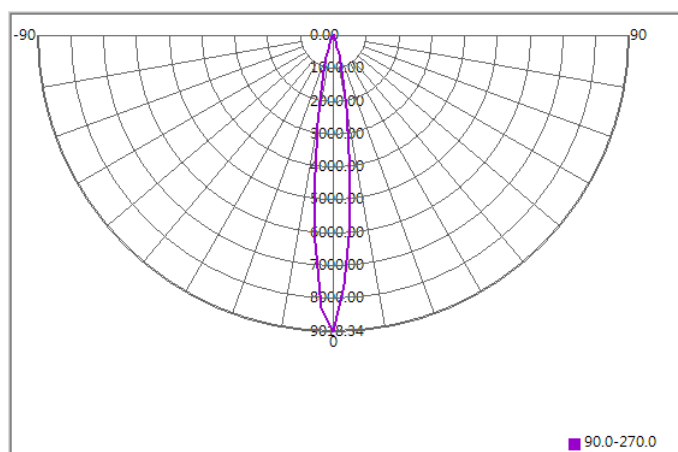




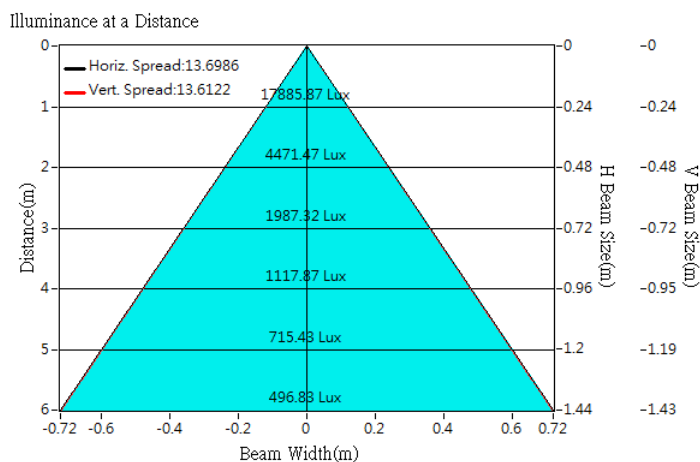
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	31°		
H (distance)	4.0 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	1983 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

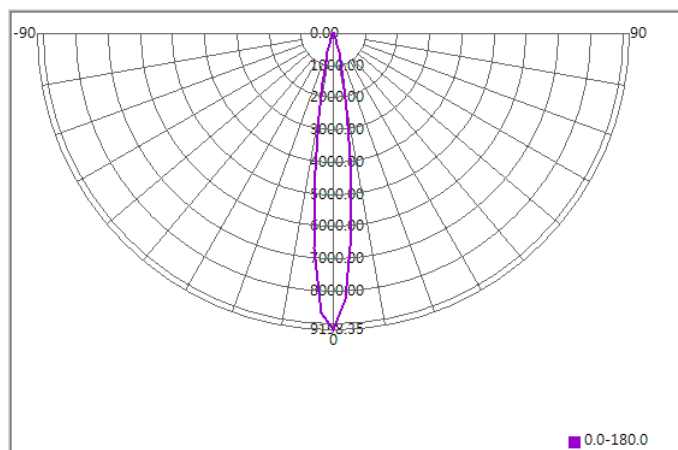




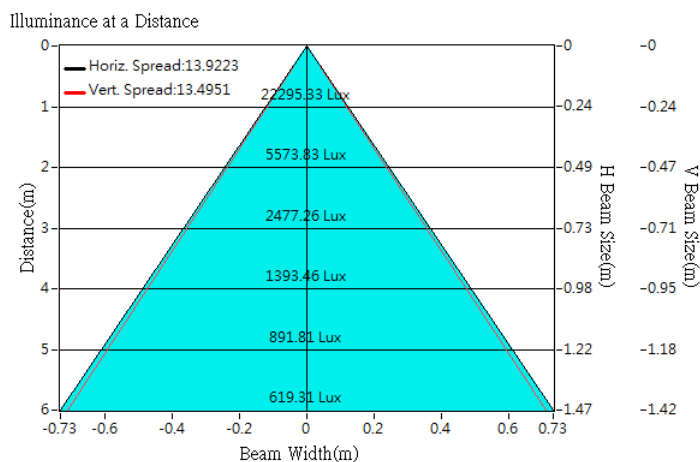
Optical Characteristics

Model Number	CKO-CH17-110058-0801		“H” definition
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	30°		
H (distance)	4.0 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2423 lm	Measured @ 18.5 W	
Material	PC / UL94V2		

cd/klm

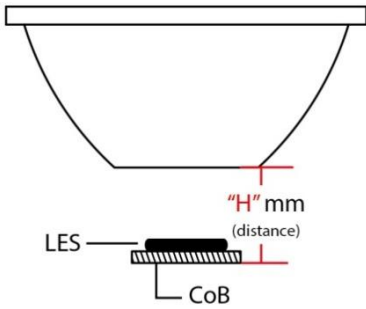


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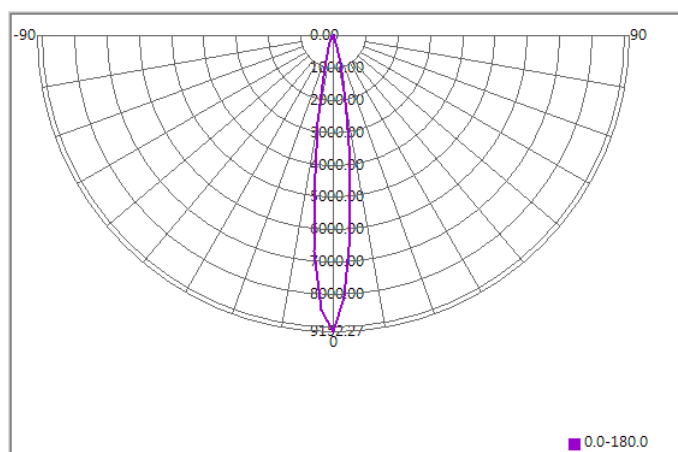




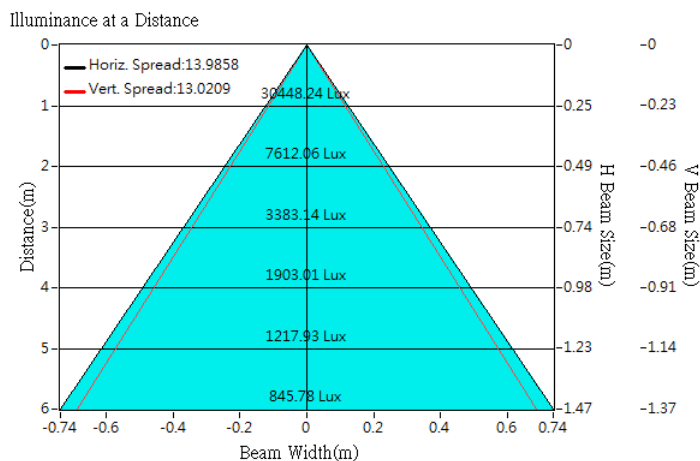
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition 
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	30°		
H (distance)	4.0 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3326 lm	Measured @ 25 W	
Material	PC / UL94V2		

cd/klm

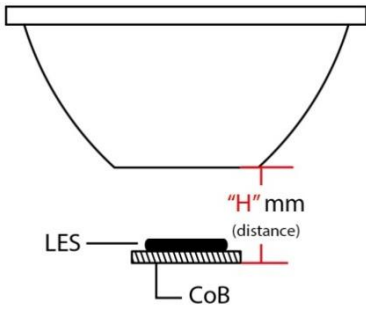


Illuminance At Distances

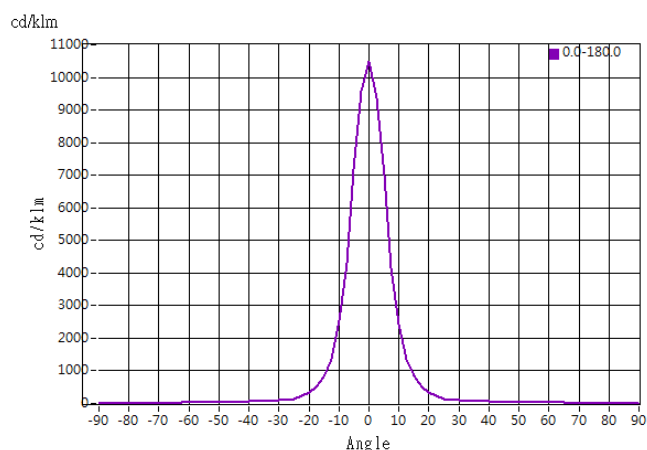




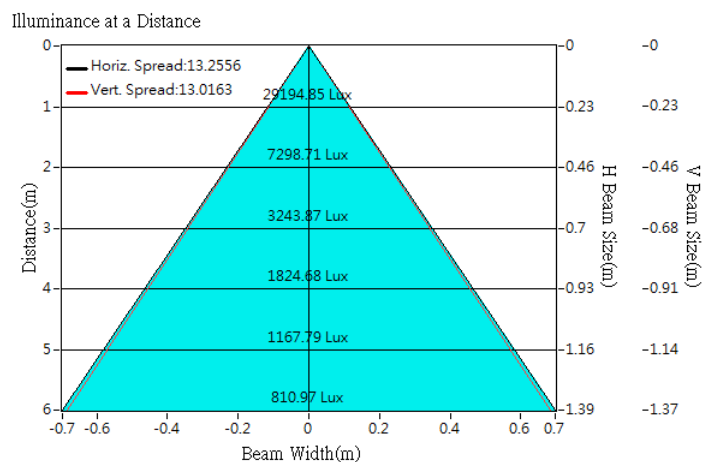
Optical Characteristics

Model Number	CKO-CH17-110058-0801		
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	13°		
Field Angle (D10)	30°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2786 lm	Measured @ 26.4 W	
Material	PC / UL94V2		

cd/klm

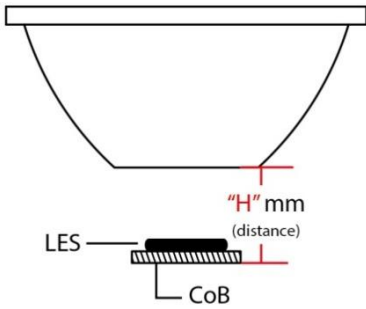


Illuminance At Distances

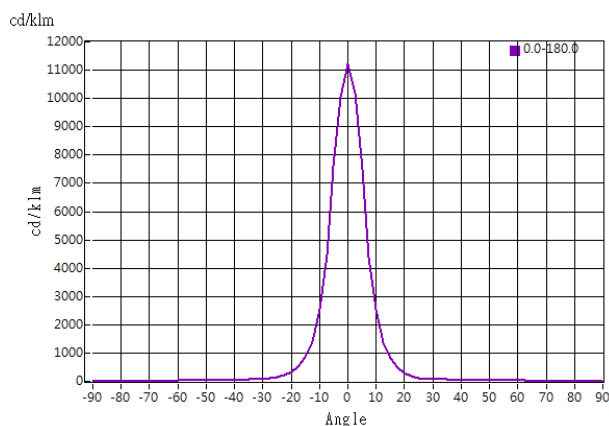




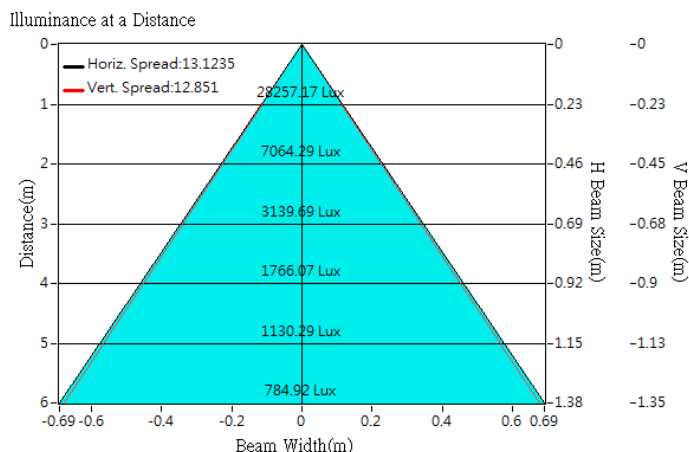
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition 
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	13°		
Field Angle (D10)	27°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2519 lm	Measured @ 26.9 W	
Material	PC / UL94V2		

cd/klm

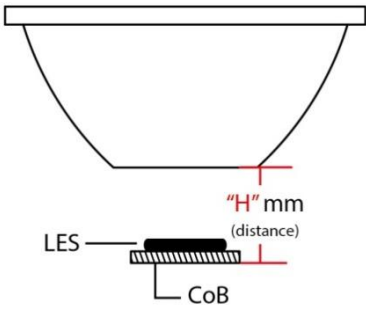


Illuminance At Distances

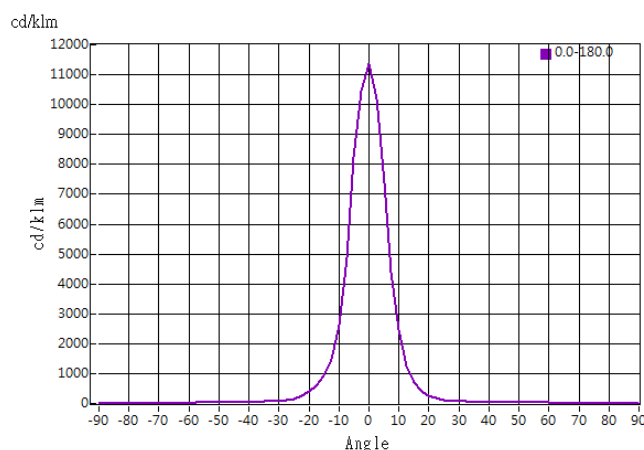




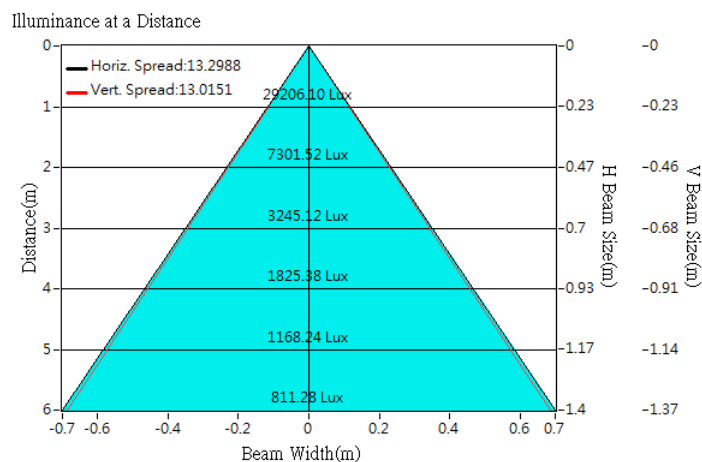
Optical Characteristics

Model Number	CKO-CH17-110058-0801		
LED	Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size	Φ 15 mm		
FWHM (D50)	13°		
Field Angle (D10)	27°		
H (distance)	3.5 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2568 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm

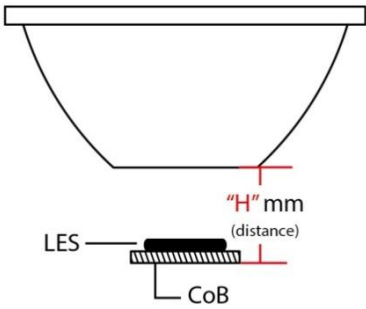


Illuminance At Distances

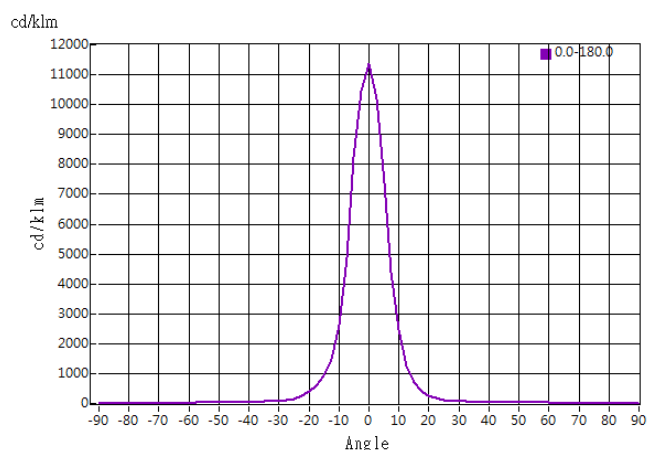




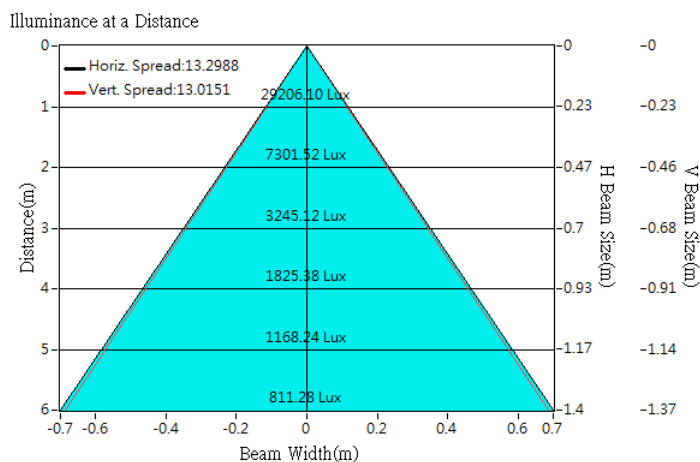
Optical Characteristics

Model Number	CKO-CH17-110058-0801		
LED	Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size	Φ 15 mm		
FWHM (D50)	13°		
Field Angle (D10)	27°		
H (distance)	3.5 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2568 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

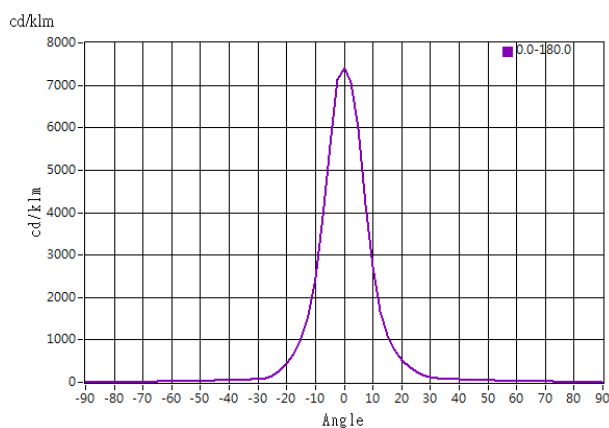




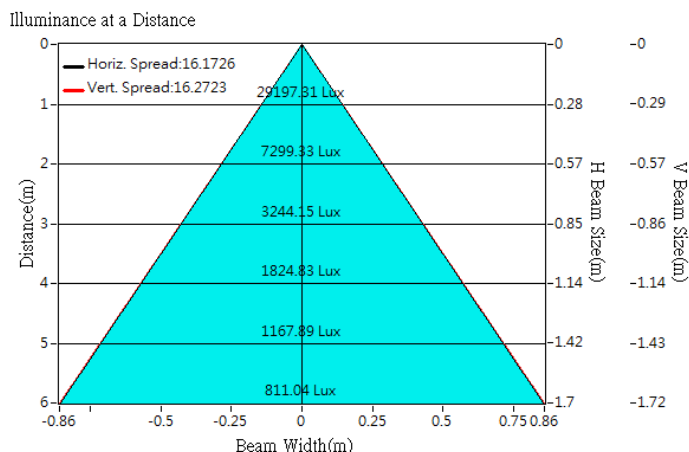
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	16°		
Field Angle (D10)	35°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3937 lm	Measured @ 33.6 W	
Material	PC / UL94V2		

cd/klm

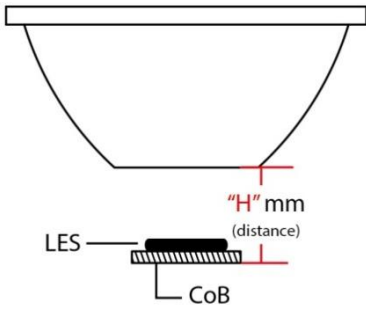


Illuminance At Distances

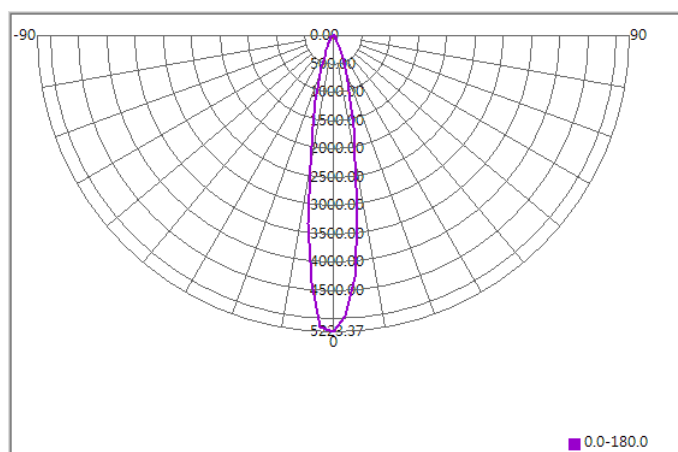




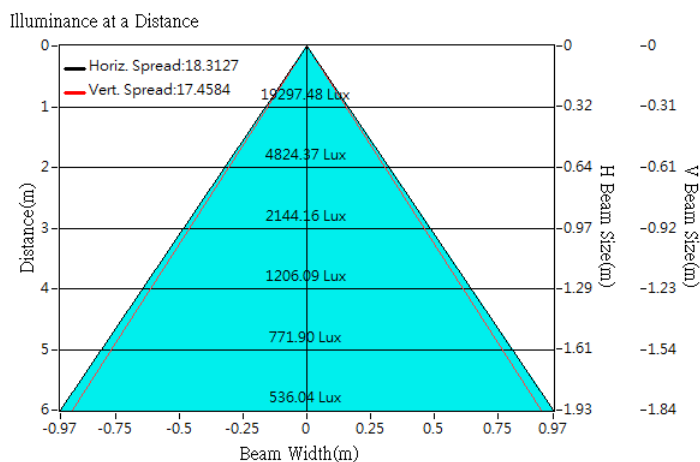
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition 
LED	Fortimo SLM 1211 L22 G7N		
LES / LED Size	Φ 22 mm		
FWHM (D50)	18°		
Field Angle (D10)	42°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3964 lm	Measured @ 34.1 W	
Material	PC / UL94V2		

cd/klm

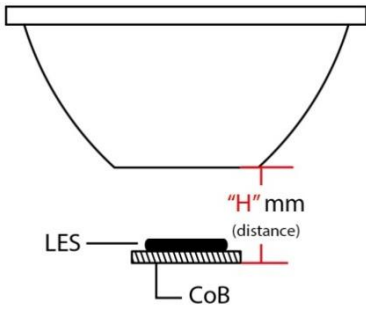


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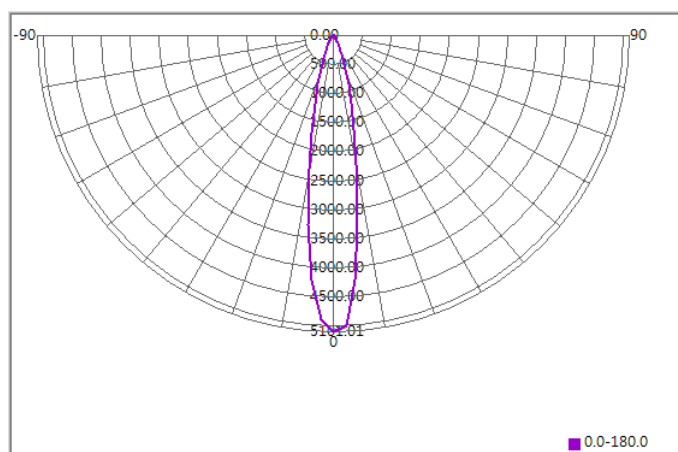




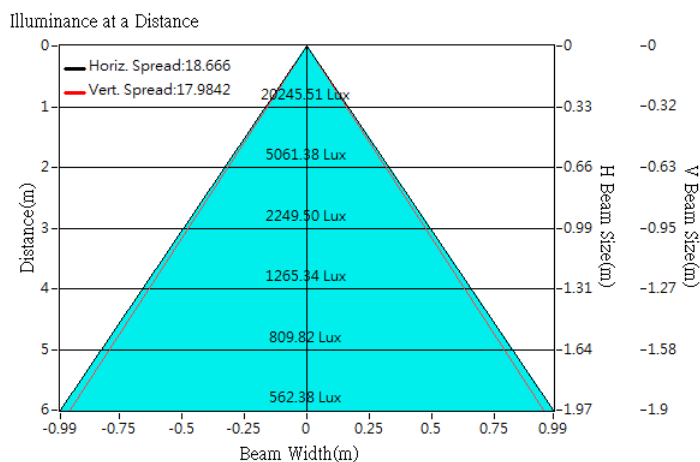
Optical Characteristics

Model Number	CKO-CH17-110058-0801		"H" definition 
LED	Fortimo SLM 1212 L22 G7N		
LES / LED Size	Φ 22 mm		
FWHM (D50)	18°		
Field Angle (D10)	43°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3968 lm	Measured @ 37 W	
Material	PC / UL94V2		

cd/klm

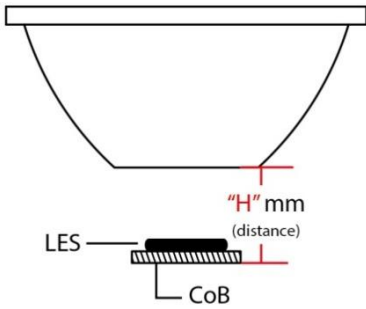


Illuminance At Distances

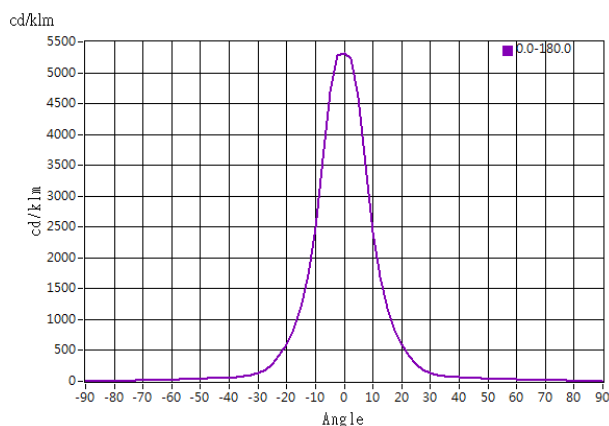




Optical Characteristics

Model Number		CKO-CH17-110058-0801	"H" definition
LED	Fortimo SLM 1216 L23 G6		
LES / LED Size	Φ 23 mm		
FWHM (D50)	19°		
Field Angle (D10)	42°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	5045 lm	Measured @ 42.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

