



Product Part Number

CKO-CW17-045021-1321

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

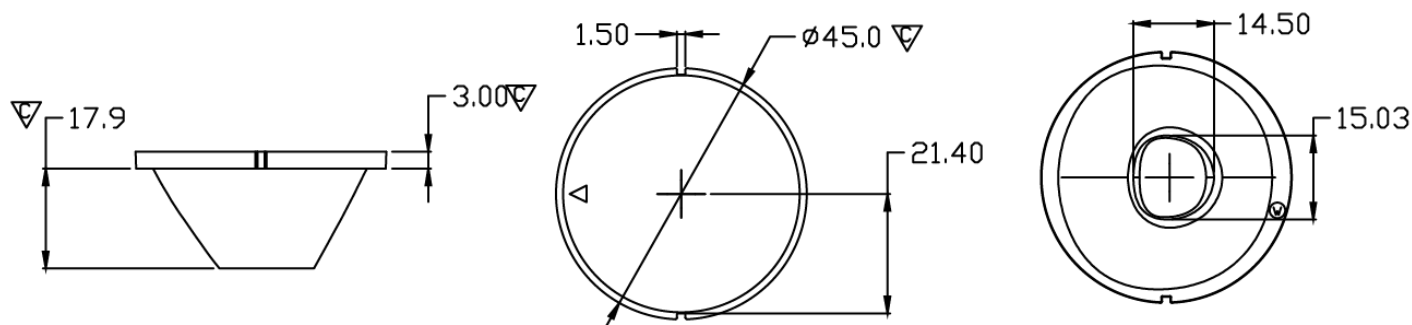


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CW→Wall Washer for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ45x20.9



▽:Critical Dimension

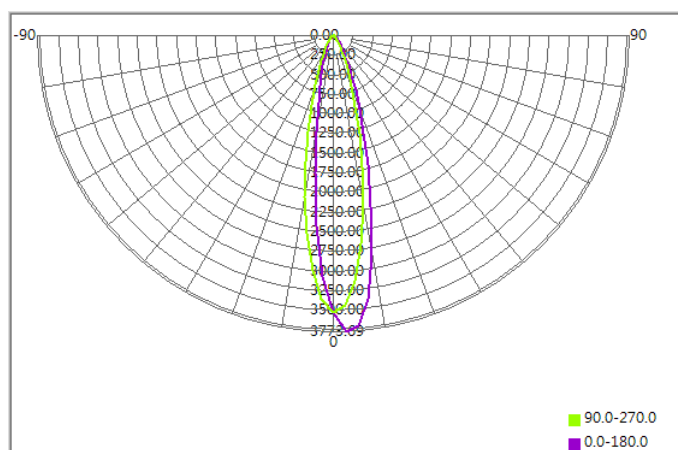
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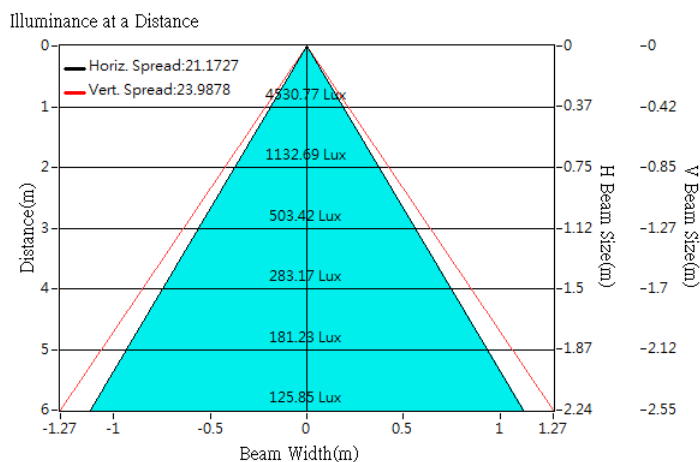
Optical Characteristics

Part Number	CKO-CW17-045021-1321		"H" definition
LED	Fortimo SLM 1203 L09 G6_DL		The diagram illustrates the 'H' definition, which is the distance from the LED surface to the center of the beam (CoB). It shows a cross-section of the LED package with a lens (LES) and a center of beam (CoB). The distance 'H' is marked with a red line and labeled 'H' mm (distance)'.
LES / LED Size	Φ 9 mm		
FWHM (D50)	21°x24°		
H (distance)	3.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1282 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm

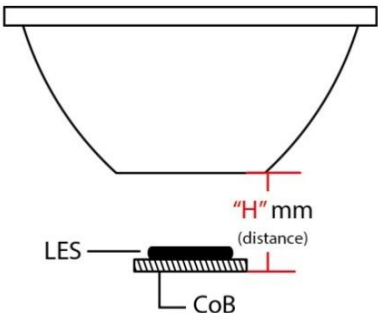


Illuminance At Distances

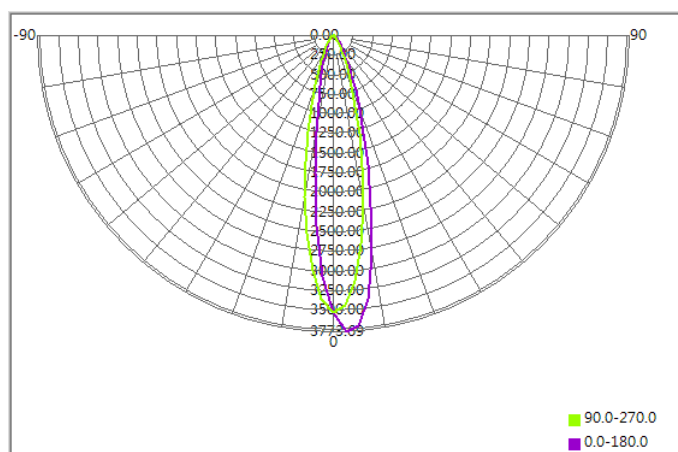




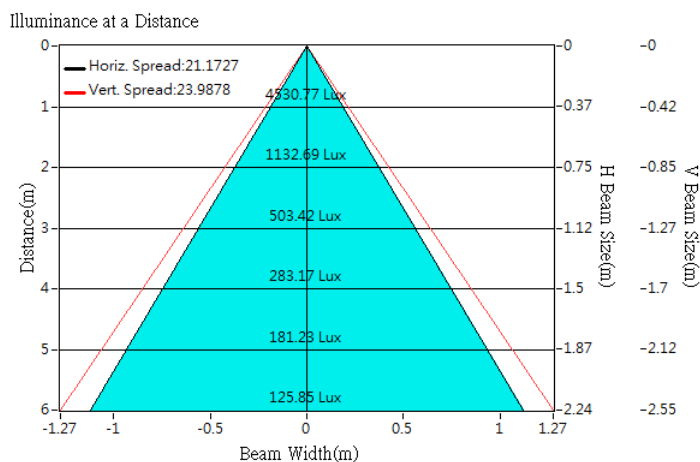
Optical Characteristics

Part Number	CKO-CW17-045021-1321		"H" definition
LED	Fortimo SLM 1203 L09 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	21°x24°		
H (distance)	3.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1282 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm

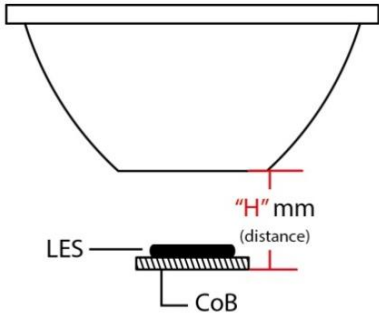


Illuminance At Distances

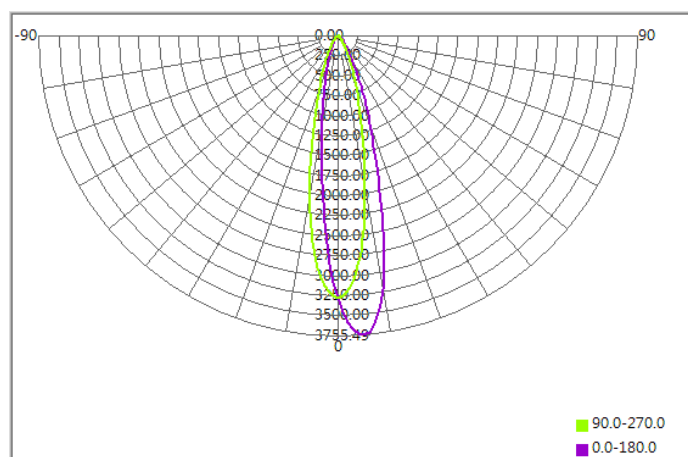




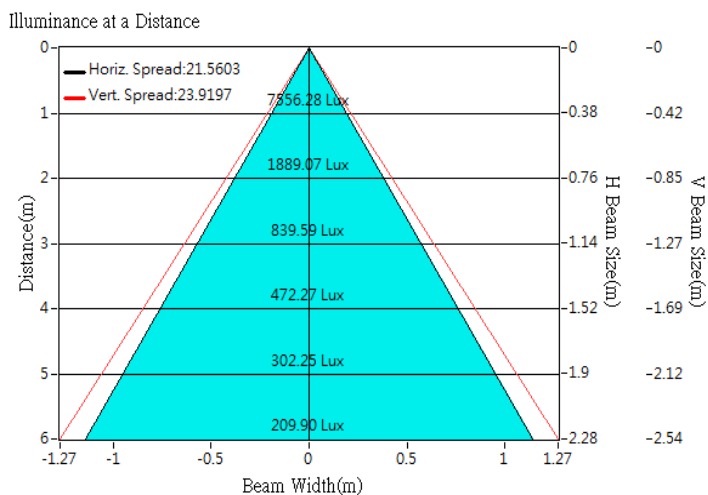
Optical Characteristics

Part Number		CKO-CW17-045021-1321	"H" definition
LED	Fortimo SLM 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	22°x24°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2306 lm	Measured @ 21.5 W	
Material	PC / UL94V2		

cd/klm

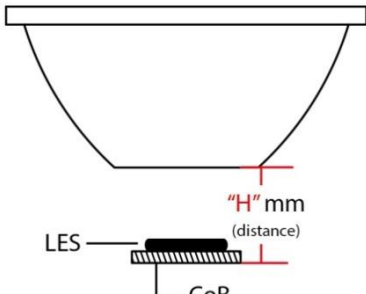


Illuminance At Distances

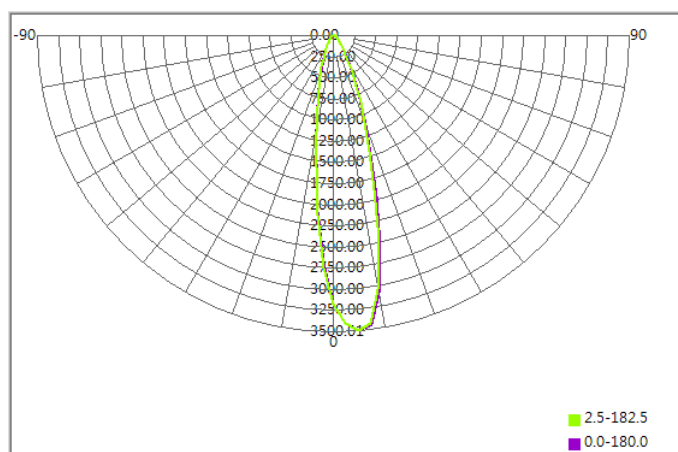




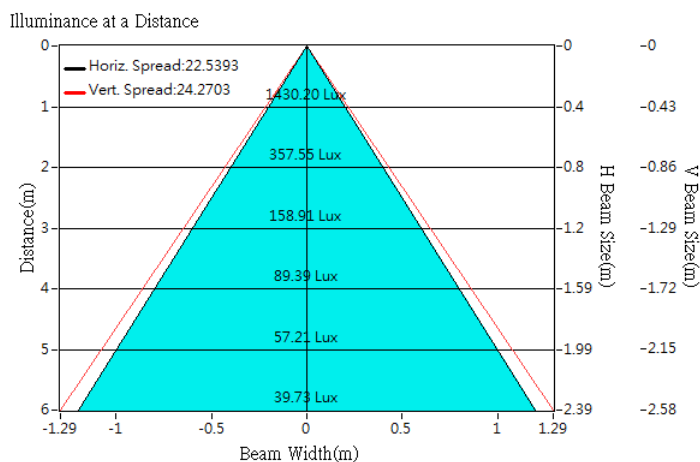
Optical Characteristics

Model Number	CKO-CW17-045021-1321		
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	23°x24°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	450 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

cd/klm

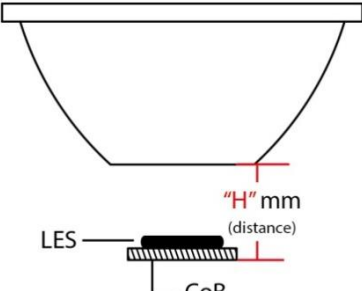


Illuminance At Distances

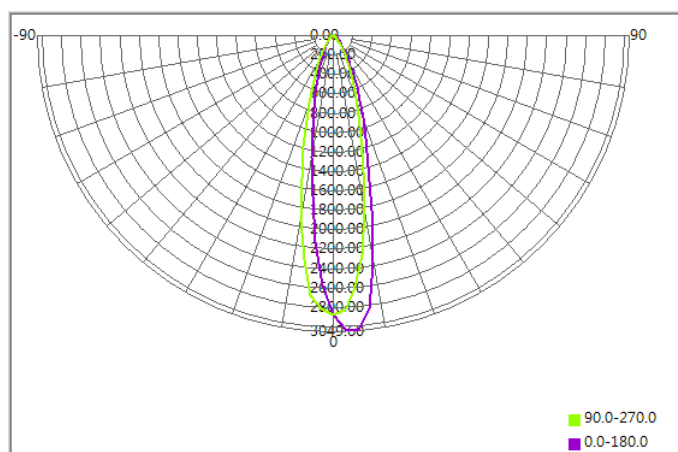




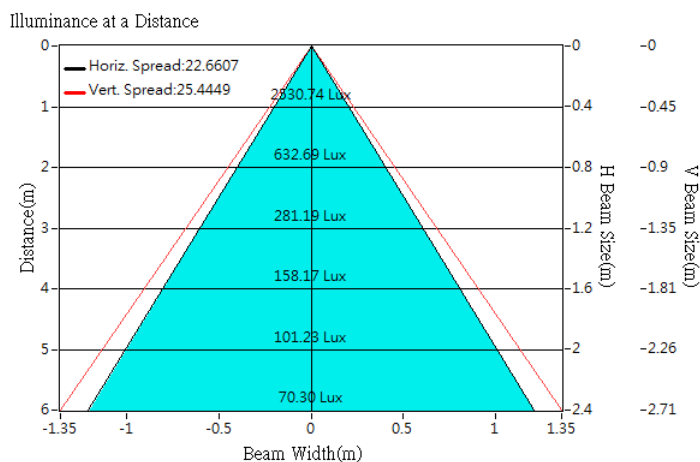
Optical Characteristics

Model Number	CKO-CW17-045021-1321		
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	23°x25°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	878 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm

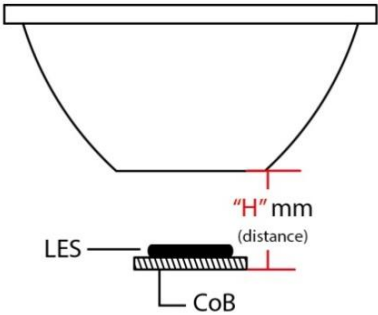


Illuminance At Distances

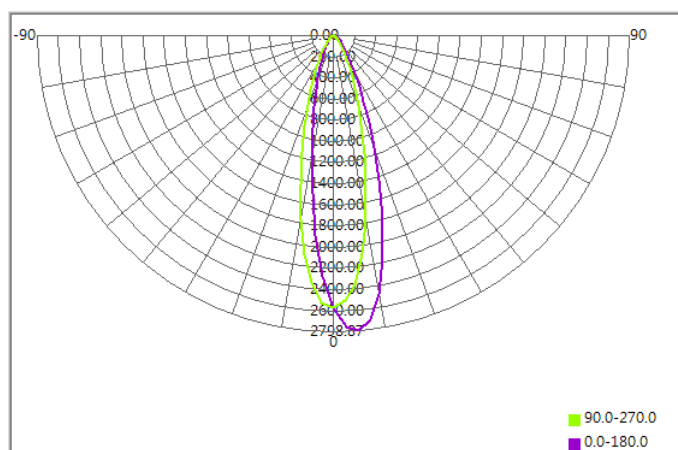




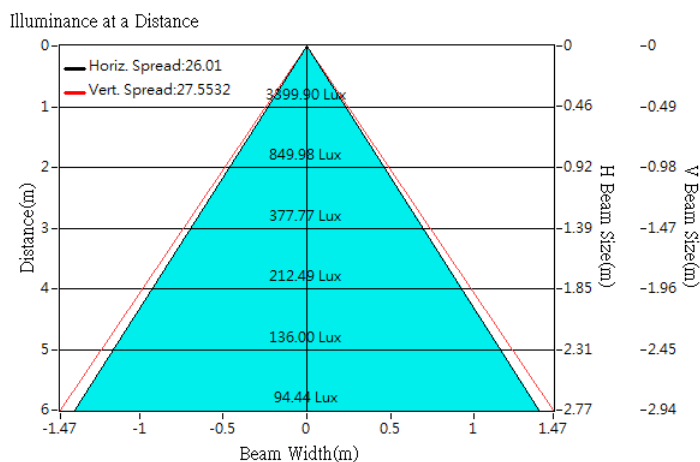
Optical Characteristics

Part Number		CKO-CW17-045021-1321	"H" definition
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	26°x28°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1320 lm	Measured @ 9.7 W	
Material	PC / UL94V2		

cd/klm

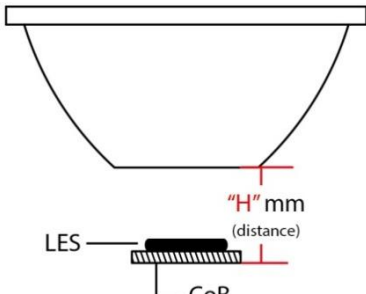


Illuminance At Distances

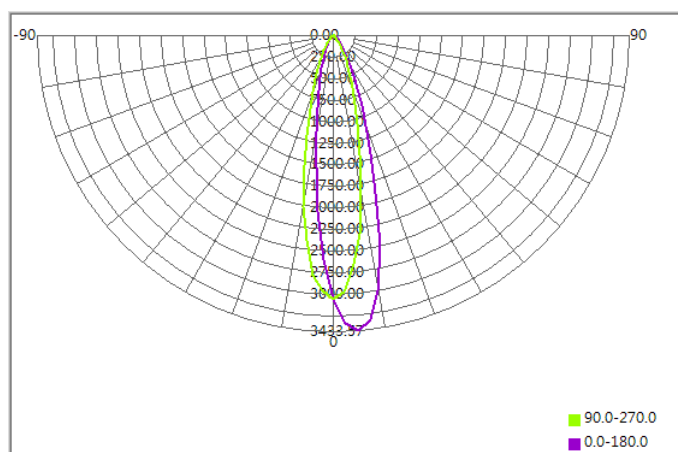




Optical Characteristics

Model Number	CKO-CW17-045021-1321		
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	23°x24°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1767 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

