



Product Model Number

CKO-CH15-060027-4350

✓ 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)

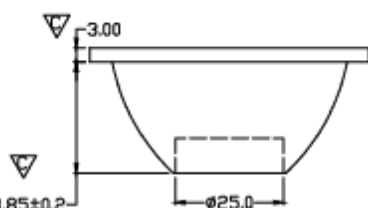
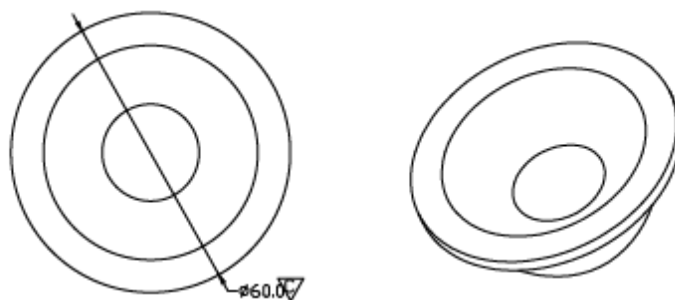


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ60 x 26.85



▽:Critical Dimension

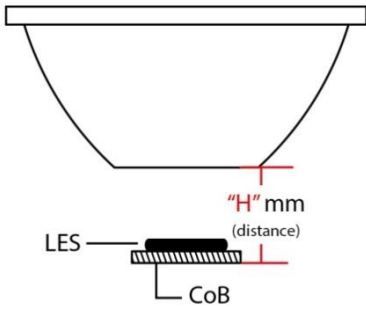


✓ **Optical Characteristics – Angle Performances**

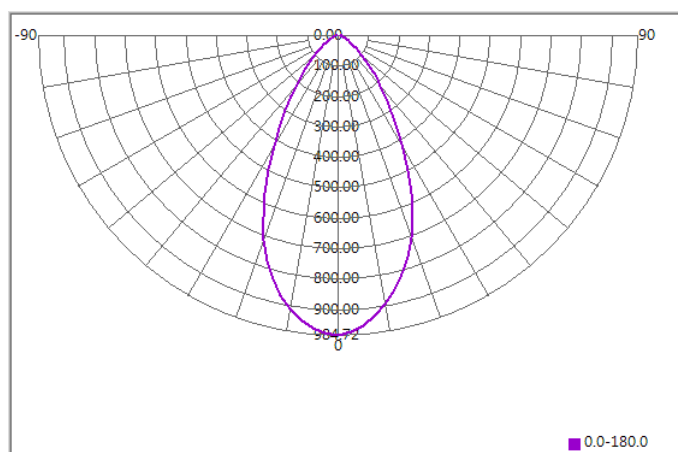
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6_DL	Φ9	55°	102°
Fortimo SLM 1203 L09 G6_PI	Φ9	55°	102°
Fortimo SLM PW 1204 L09 G7	Φ9	53°	99°
Fortimo SLM 1201 L09 G7N	Φ9.8	52°	97°
Fortimo SLM 1202 L09 G7N	Φ9.8	51°	95°
Fortimo SLM 1204 L09 G7N	Φ9.8	53°	95°
Fortimo SLM 1205 L13 G7	Φ13	54°	101°
Fortimo SLM 1205 L15 G7N	Φ14.5	55°	101°
Fortimo SLM 1208 L15 G7N	Φ14.5	55°	101°
Fortimo SLM 1208 L15 G7	Φ15	55°	103°



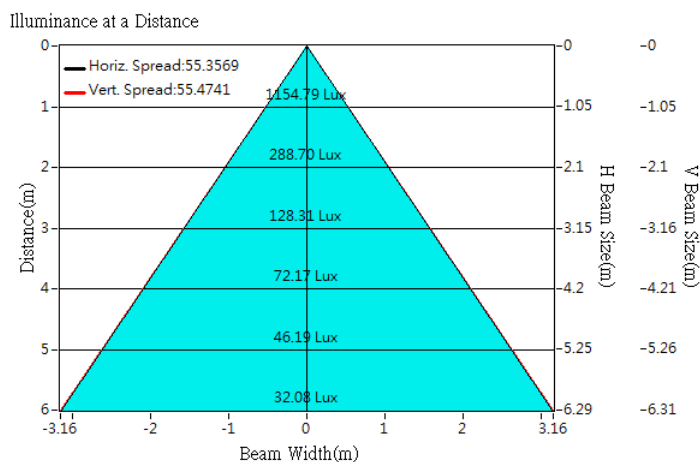
Optical Characteristics

Model Number	CKO-CH15-060027-4350		
LED	Fortimo SLM 1203 L09 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	55°		
Field Angle (D10)	102°		
H (distance)	3.5mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1172 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

cd/klm

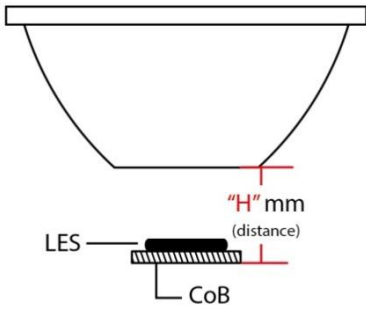


Illuminance At Distances

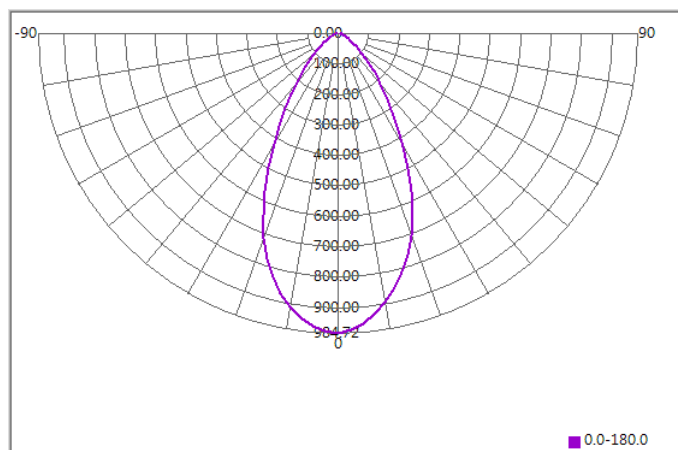




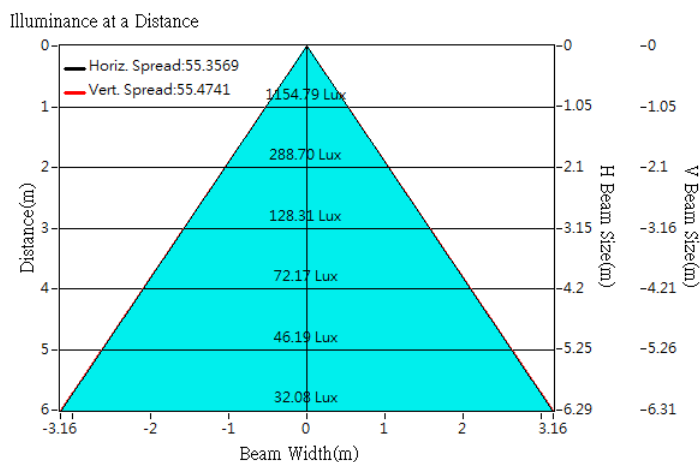
Optical Characteristics

Model Number	CKO-CH15-060027-4350		
LED	Fortimo SLM 1203 L09 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	55°		
Field Angle (D10)	102°		
H (distance)	3.5mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1172 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

cd/klm

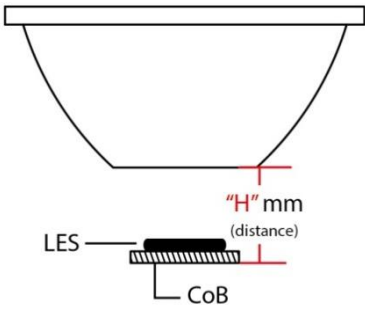


Illuminance At Distances

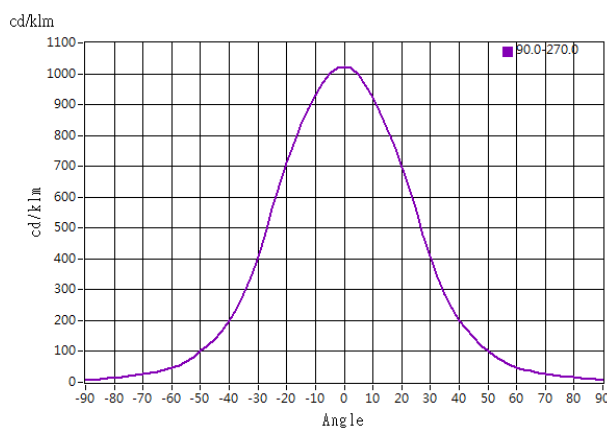




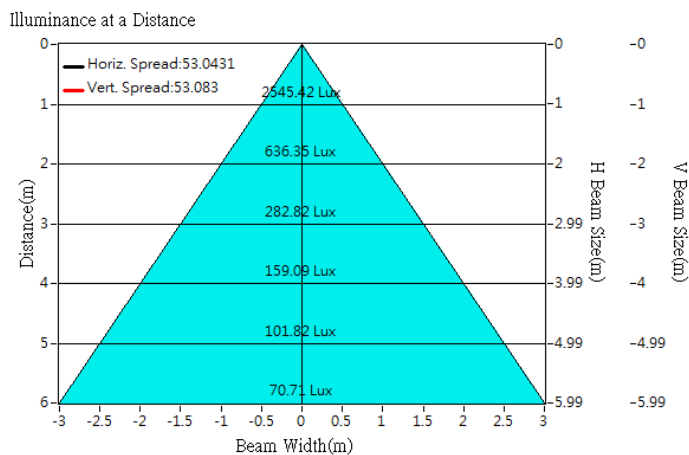
Optical Characteristics

Model Number		CKO-CH15-060027-4350	"H" definition
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	53°		
Field Angle (D10)	99°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2491 lm	Measured @ 26.4 W	
Material	PC / UL94V2		

cd/klm

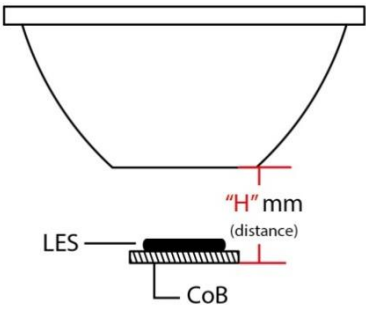


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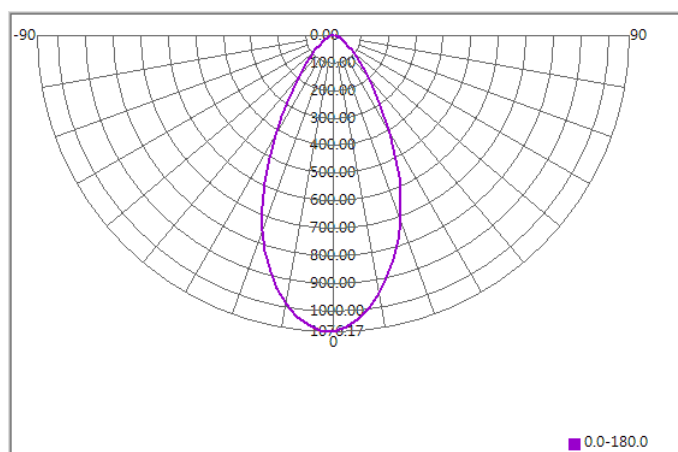




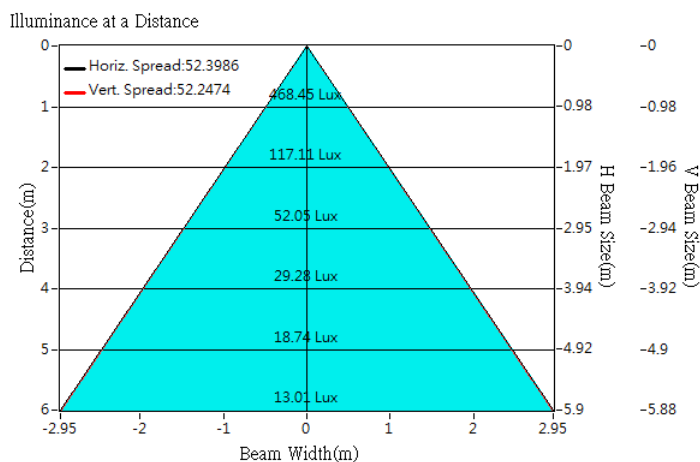
Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	52°		
Field Angle (D10)	97°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	435 lm	Measured @ 3.09 W	
Material	PC / UL94V2		

cd/klm

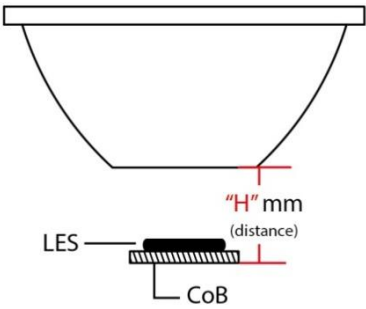


Illuminance At Distances

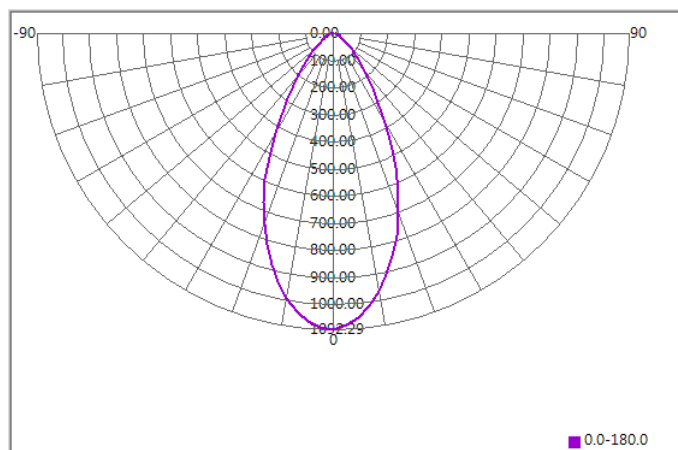




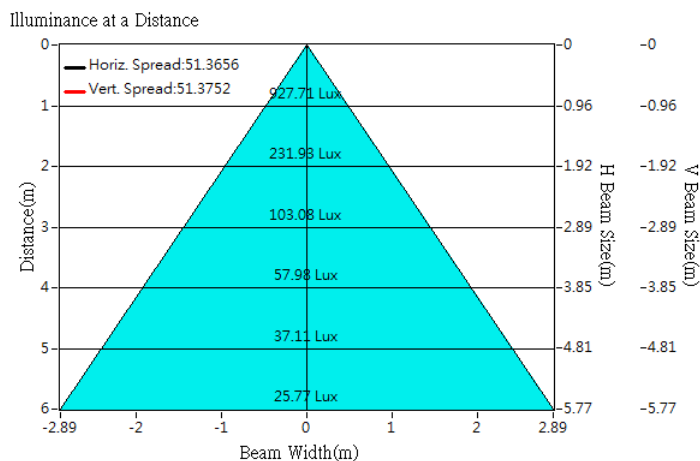
Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	51°		
Field Angle (D10)	95°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	849 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm

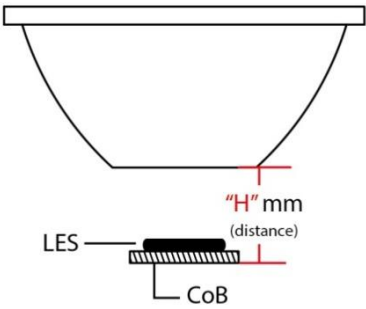


Illuminance At Distances

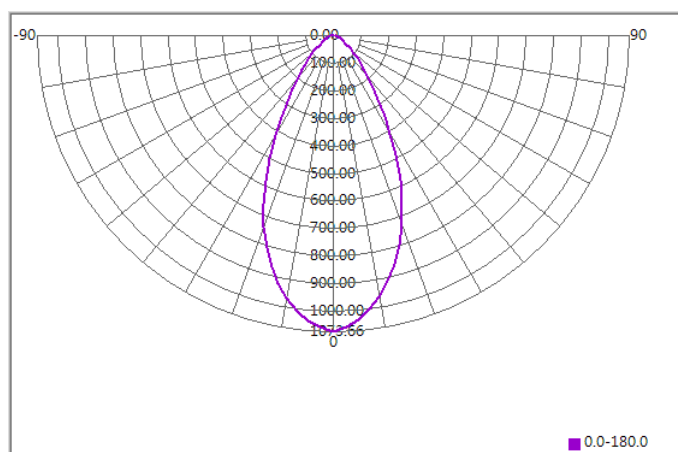




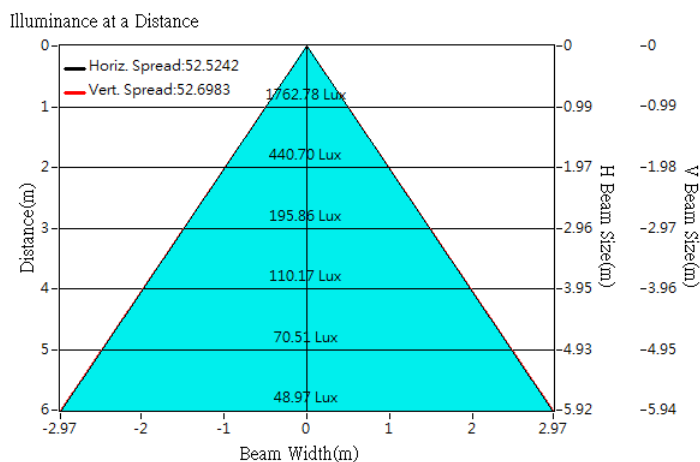
Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	53°		
Field Angle (D10)	95°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1641 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm

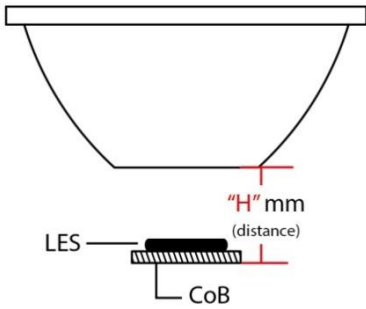


Illuminance At Distances

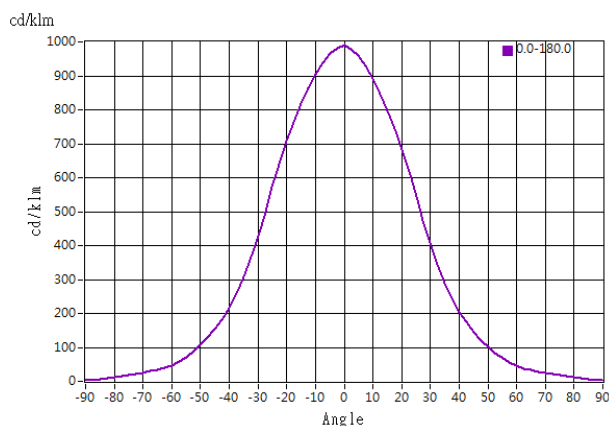




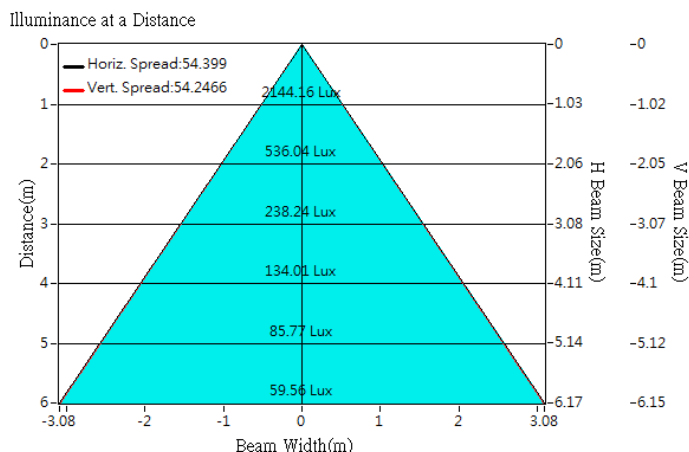
Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	54°		
Field Angle (D10)	101°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2165 lm	Measured @ 17.2 W	
Material	PC / UL94V2		

cd/klm

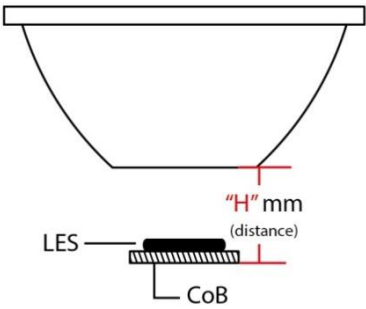


Illuminance At Distances

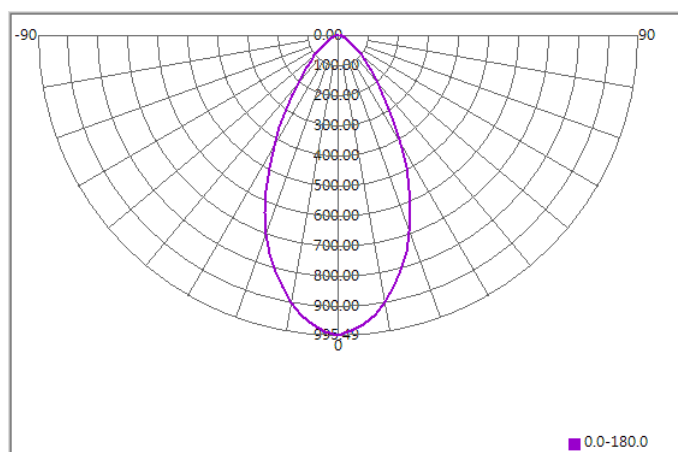




Optical Characteristics

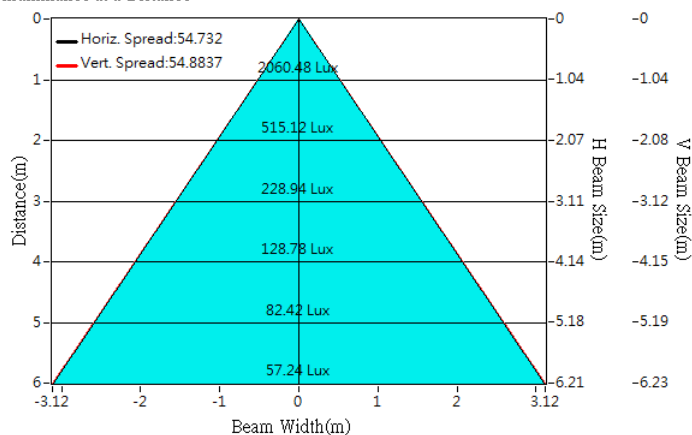
Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	55°		
Field Angle (D10)	101°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2069 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm

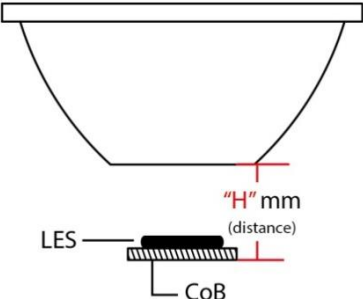


Illuminance At Distances

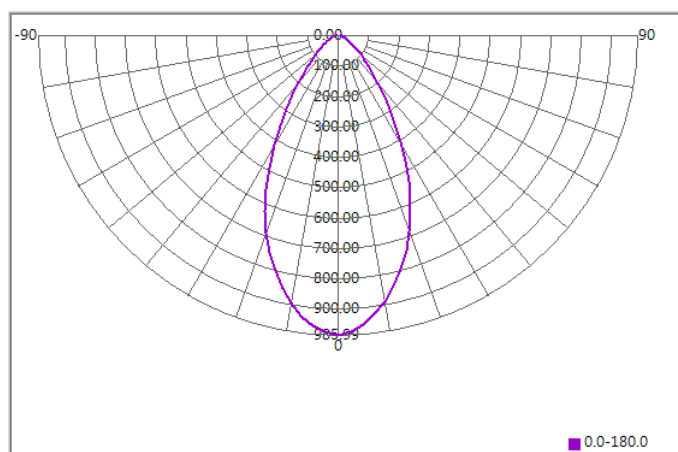
Illuminance at a Distance



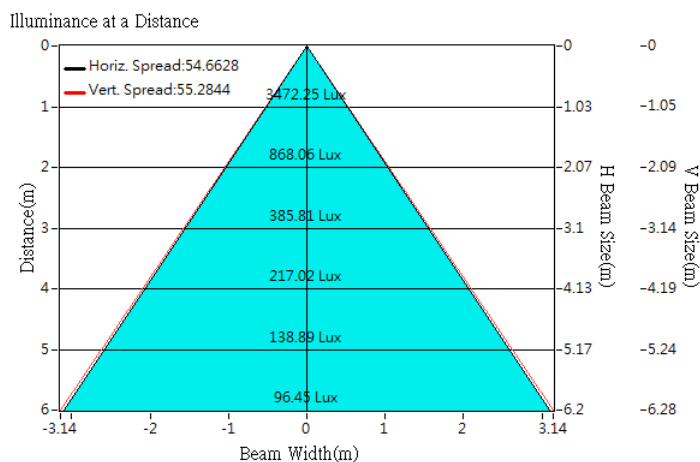
Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	55°		
Field Angle (D10)	101°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3521 lm	Measured @ 24.7 W	
Material	PC / UL94V2		

cd/klm

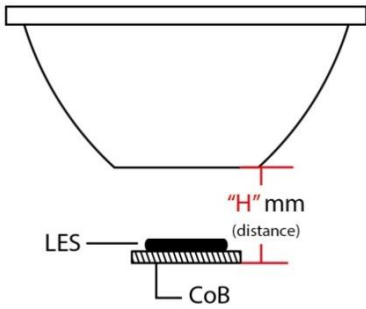


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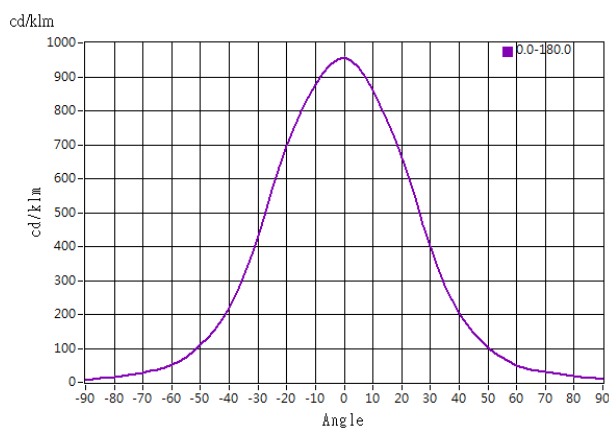




Optical Characteristics

Model Number	CKO-CH15-060027-4350		"H" definition 
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	55°		
Field Angle (D10)	103°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2784 lm	Measured @ 26.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

