



Product Model Number

CKO-CS15-060027-4206

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

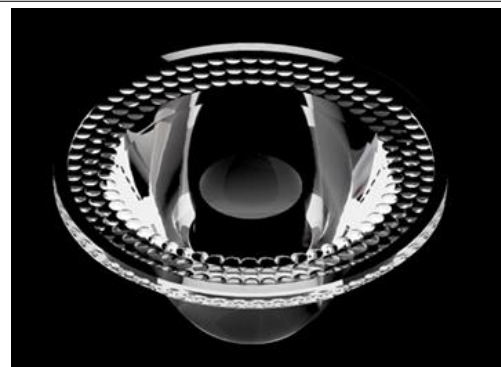
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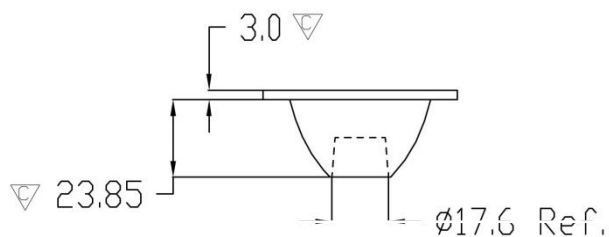
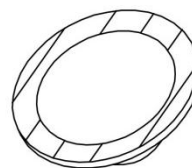
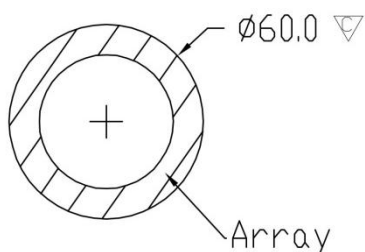


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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



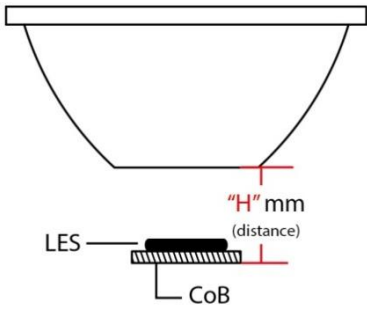
✓ **Optical Characteristics – Angle Performances**

Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6_DL	Φ9	37°	54°
Fortimo SLM 1203 L09 G6_PI	Φ9	37°	54°
Fortimo SLM PW 1204 L09 G7	Φ9	33°	51°
Fortimo SLM 1201 L09 G7N	Φ9.8	33°	50°
Fortimo SLM 1202 L09 G7N	Φ9.8	33°	51°
Fortimo SLM 1204 L09 G7N	Φ9.8	33°	51°
Fortimo SLM 1205 L13 G7	Φ13	40°	65°
Fortimo SLM 1205 L15 G7N	Φ14.5	42°	70°
Fortimo SLM 1206 L15 G7N	Φ14.5	42°	70°
Fortimo SLM 1208 L15 G7N	Φ14.5	42°	71°
Fortimo SLM 1210 L15 G7N	Φ14.5	41°	69°
Fortimo SLM 1208 L15 G7	Φ15	42°	72°

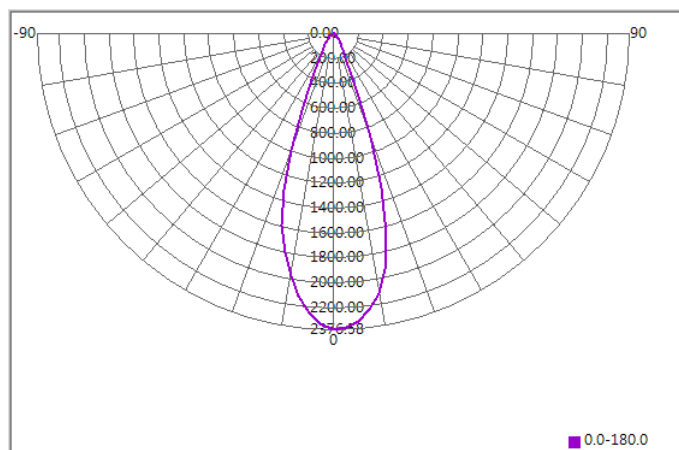


Optical Characteristics

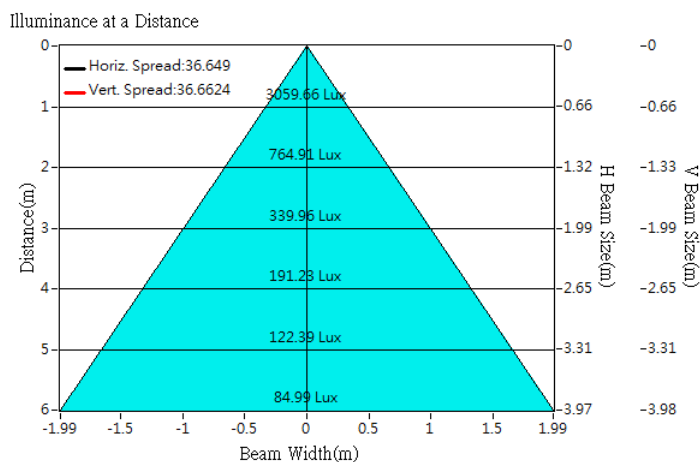
Model Number		CKO-CS15-060027-4206		"H" definition
LED		Fortimo SLM 1203 L09 G6_DL		
LES / LED Size		Φ 9 mm		
FWHM (D50)		37°		
Field Angle (D10)		54°		
H (distance)		3.5 mm		
Dimension		Φ =60 mm, Thickness=26.85 mm		
Luminous Flux		1287 lm	Measured @ 10.4 W	
Material		PC / UL94V2		



cd/klm

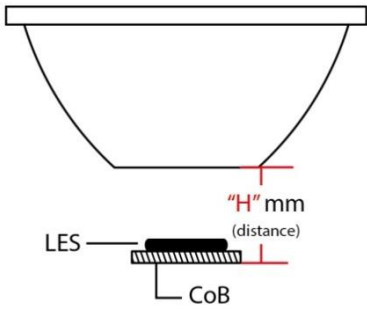


Illuminance At Distances

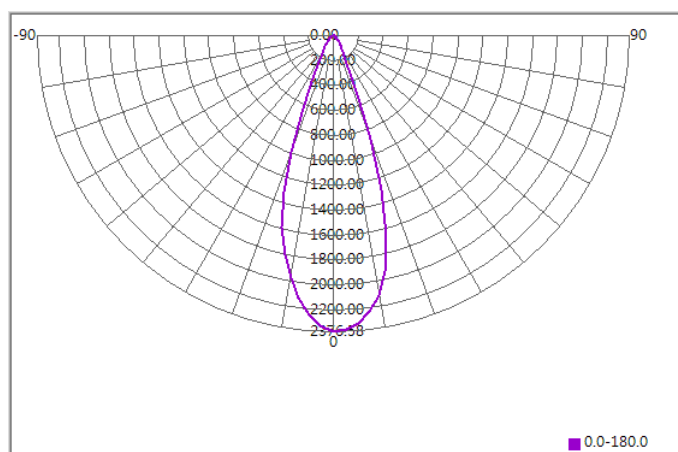




Optical Characteristics

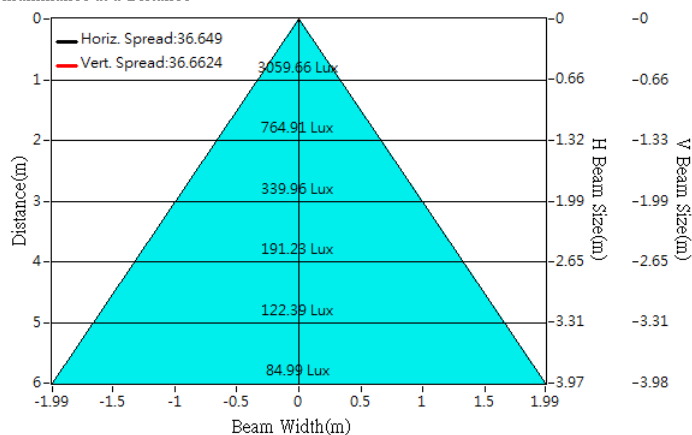
Model Number		CKO-CS15-060027-4206		"H" definition
LED	Fortimo SLM 1203 L09 G6_PI			
LES / LED Size	Φ 9 mm			
FWHM (D50)	37°			
Field Angle (D10)	54°			
H (distance)	3.5 mm			
Dimension	Φ =60 mm, Thickness=26.85 mm			
Luminous Flux	1287 lm	Measured @ 10.4 W		
Material	PC / UL94V2			

cd/klm



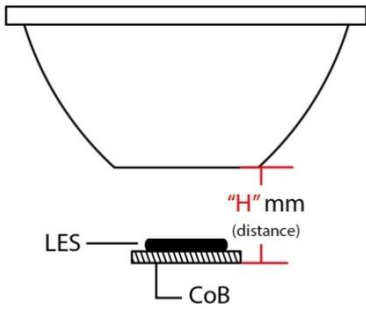
Illuminance At Distances

Illuminance at a Distance

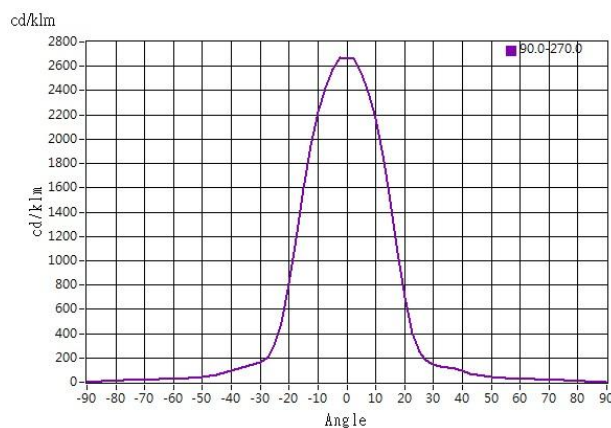




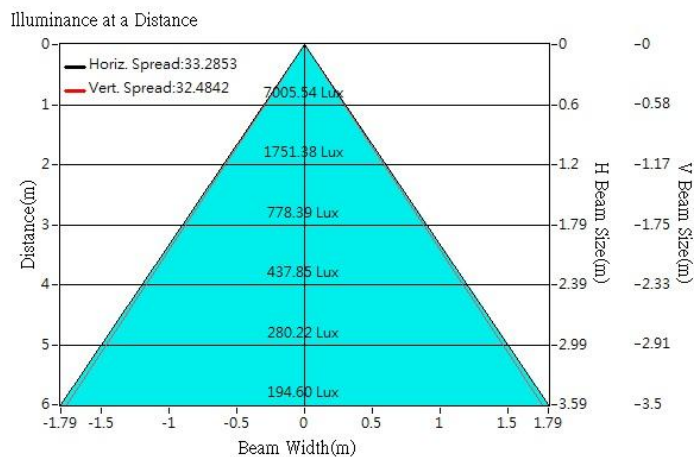
Optical Characteristics

Model Number	CKO-CS15-060027-4206		"H" definition 
LED	Fortimo SLM 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	33°		
Field Angle (D10)	51°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2634 lm	Measured @ 25.6 W	
Material	PC / UL94V2		

cd/klm

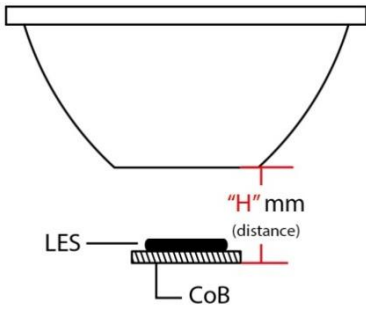


Illuminance At Distances

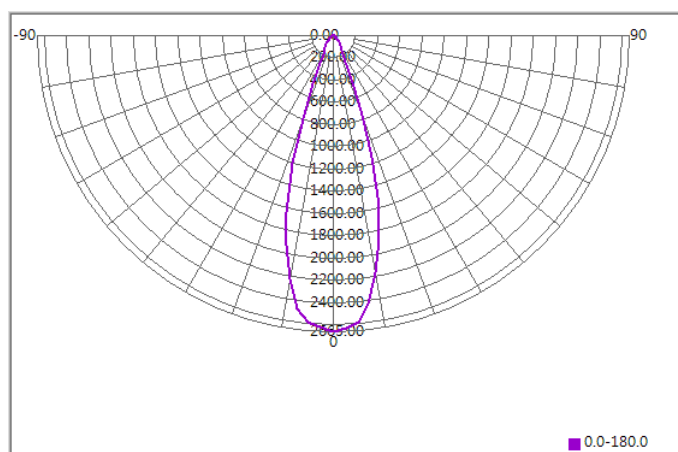




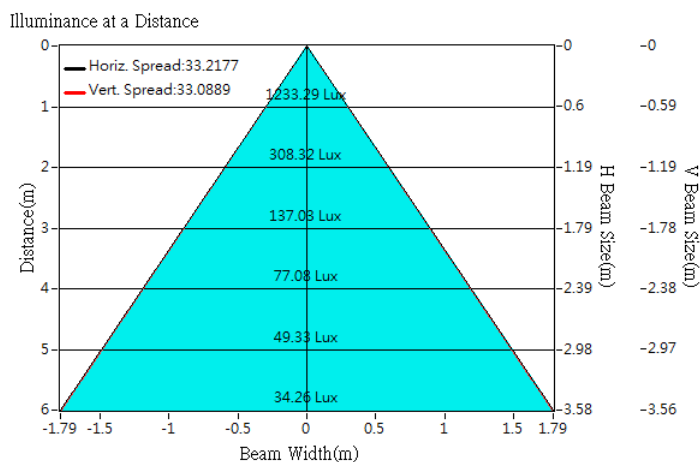
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	33°		
Field Angle (D10)	50°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	462 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

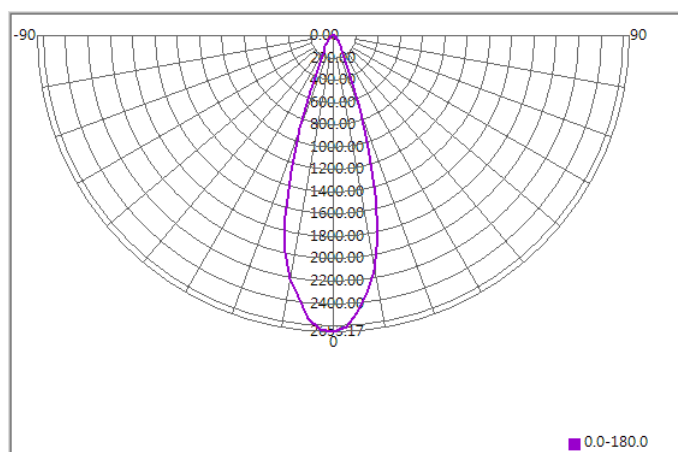




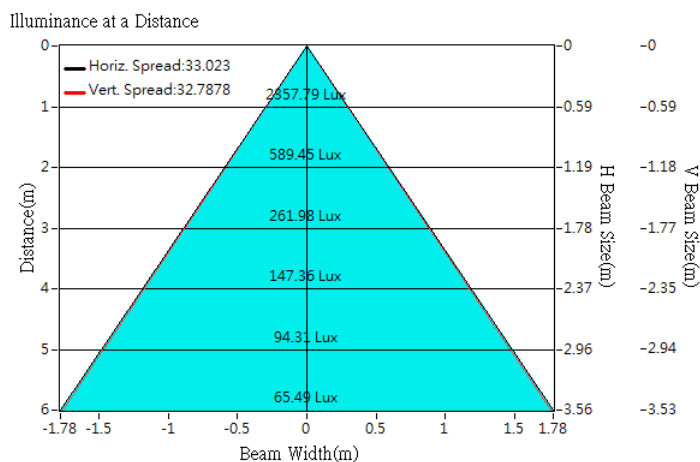
Optical Characteristics

Model Number	CKO-CS15-060027-4206		“H” definition LES CoB “H” mm (distance)
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	33°		
Field Angle (D10)	51°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	888 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm

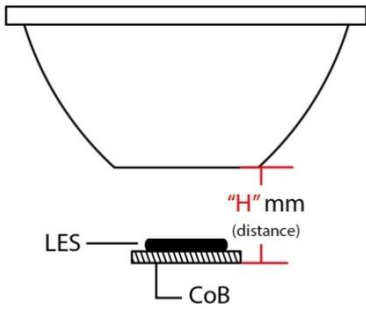


Illuminance At Distances

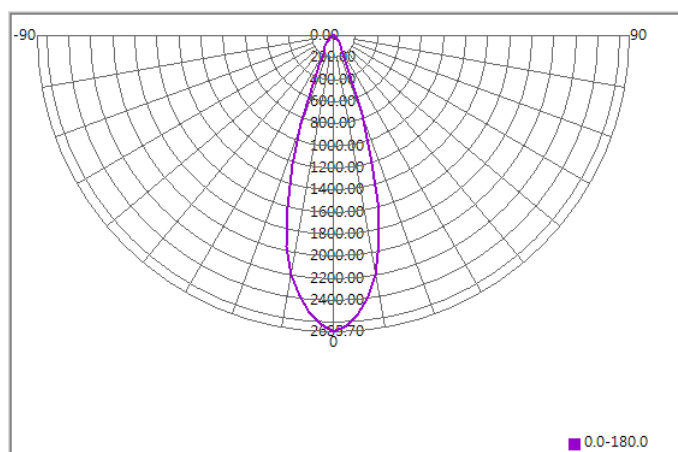




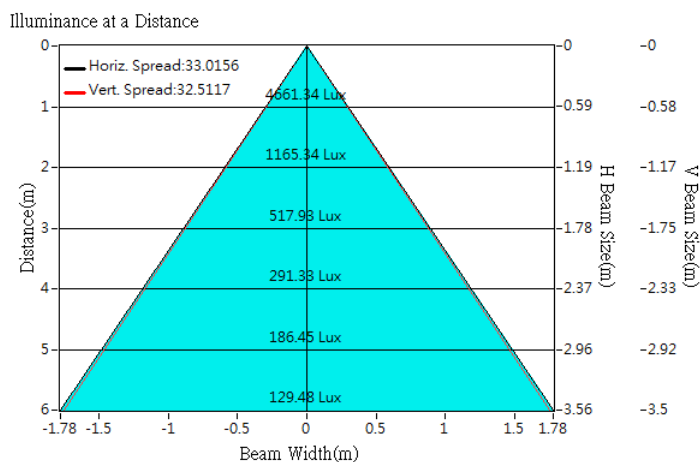
Optical Characteristics

Model Number	CKO-CS15-060027-4206		“H” definition 
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	33°		
Field Angle (D10)	51°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1735 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm

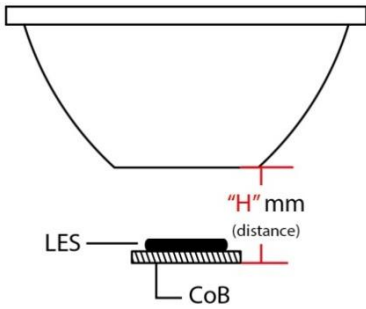


Illuminance At Distances

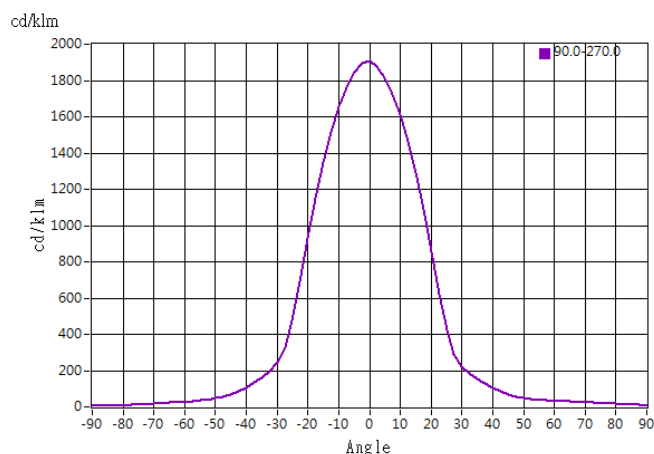




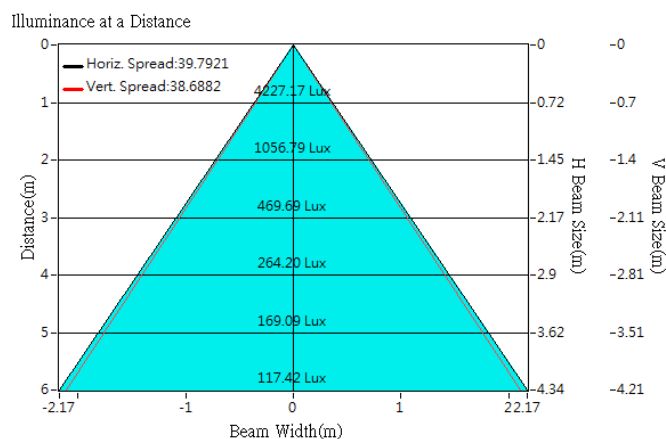
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	40°		
Field Angle (D10)	65°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2218 lm	Measured @ 17.6 W	
Material	PC / UL94V2		

cd/klm

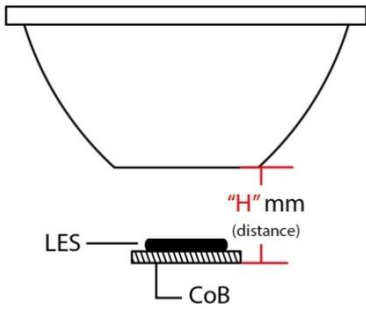


Illuminance At Distances

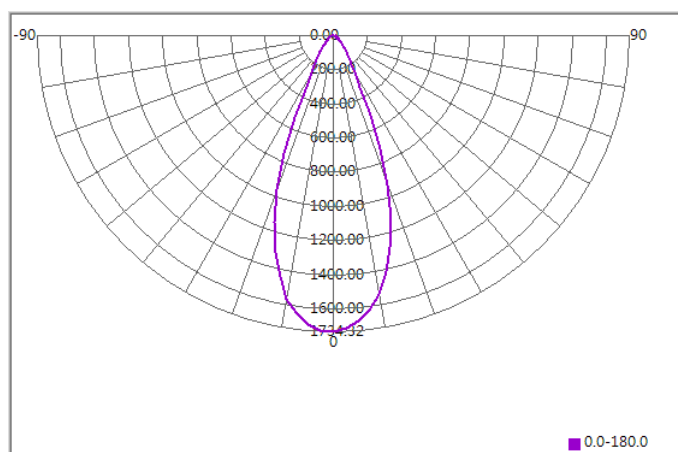




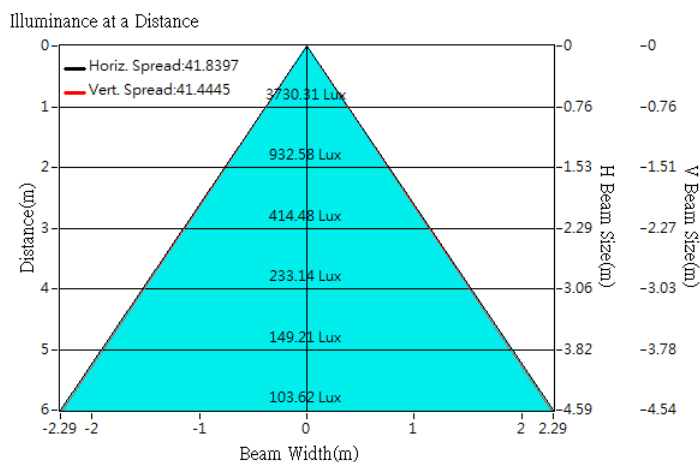
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	42°		
Field Angle (D10)	70°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2150 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm

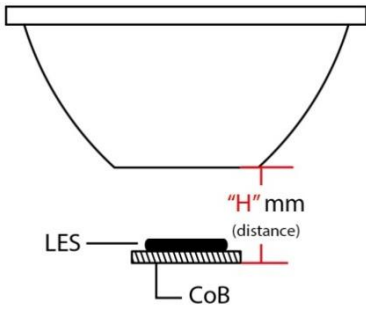


Illuminance At Distances

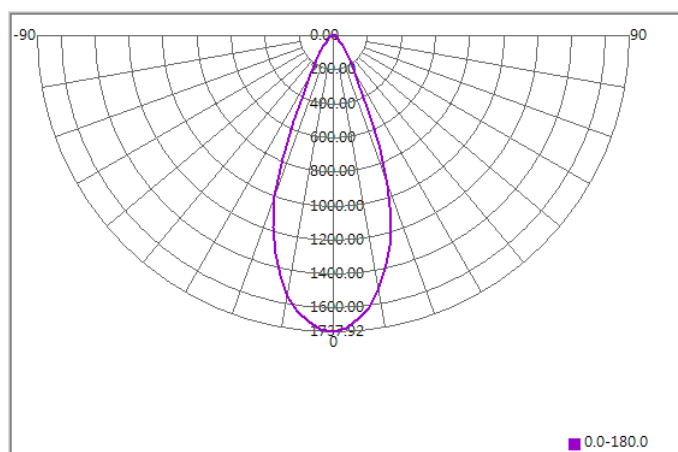




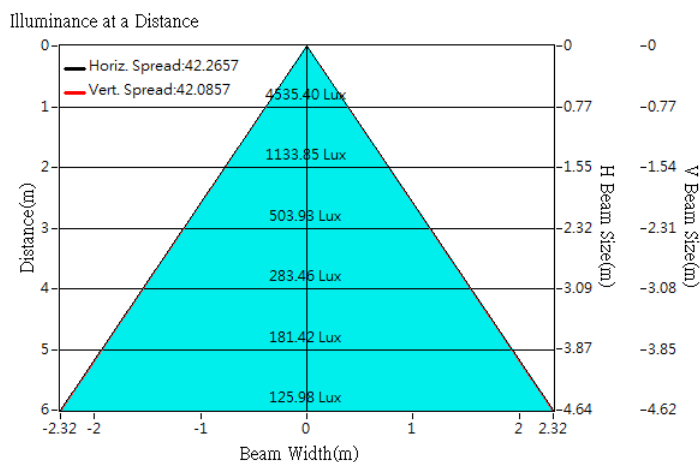
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	42°		
Field Angle (D10)	70°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2609 lm	Measured @ 18.5 W	
Material	PC / UL94V2		

cd/klm

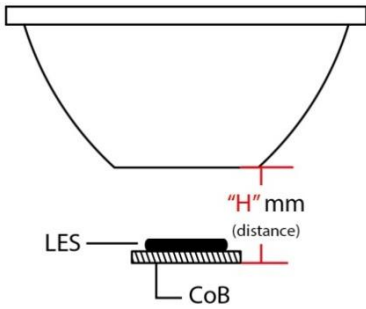


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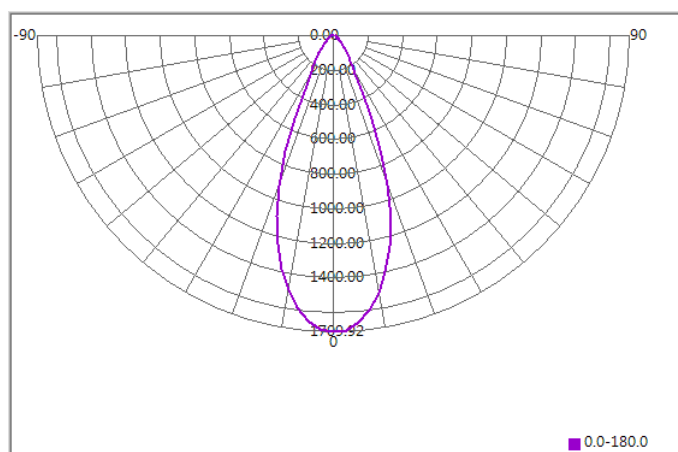




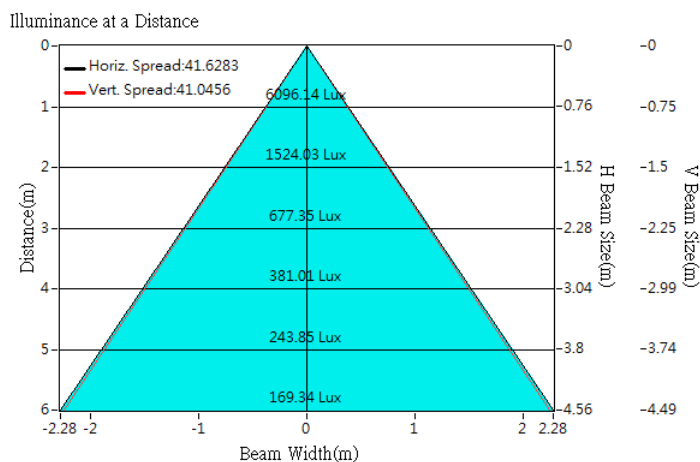
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	42°		
Field Angle (D10)	71°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3565 lm	Measured @ 24.7 W	
Material	PC / UL94V2		

cd/klm

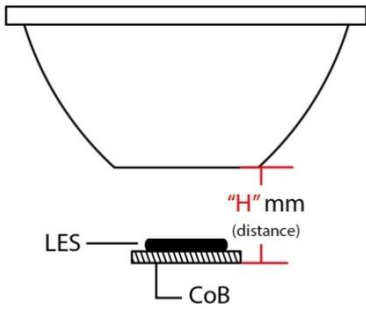


Illuminance At Distances

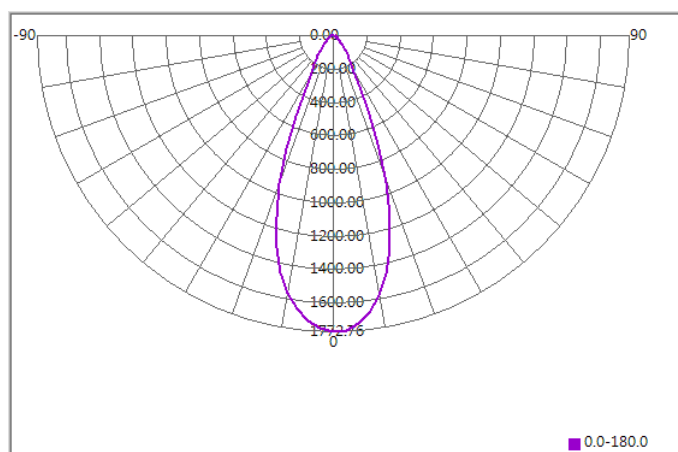




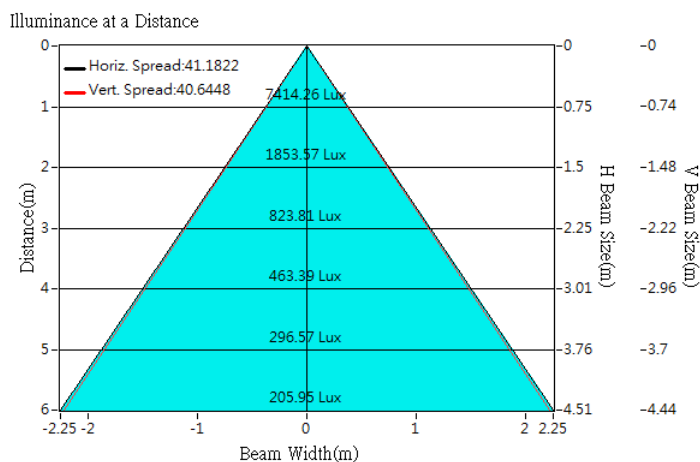
Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1210 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	41°		
Field Angle (D10)	69°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	4182 lm	Measured @ 31.1 W	
Material	PC / UL94V2		

cd/klm

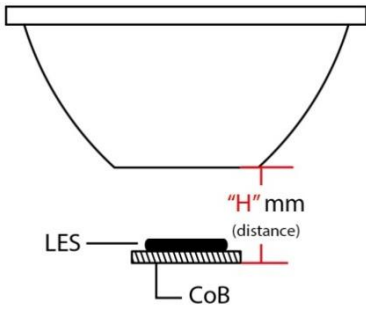


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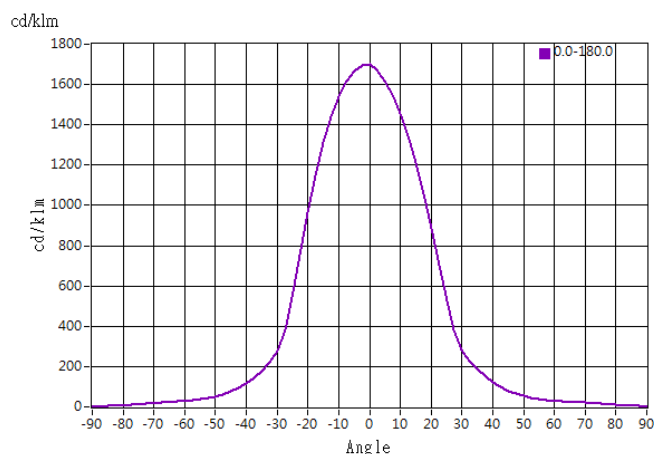




Optical Characteristics

Model Number	CKO-CS15-060027-4206		
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	42°		
Field Angle (D10)	72°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3017 lm	Measured @ 25.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

