



Product Model Number

CKO-CC20-075026-0401

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

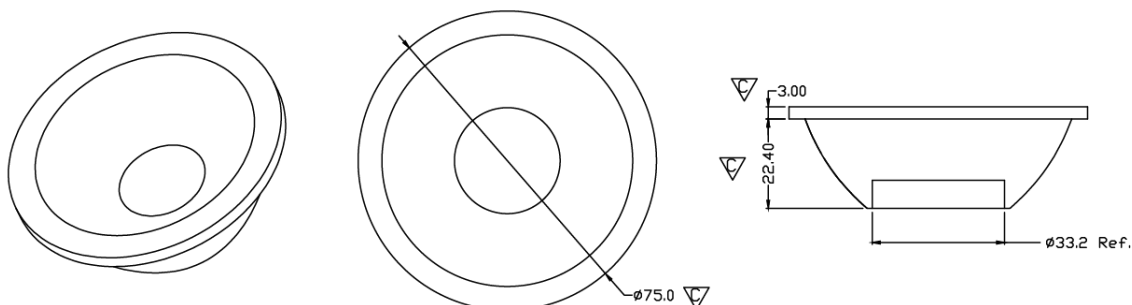


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ75 x 25.4



▽:Critical Dimension

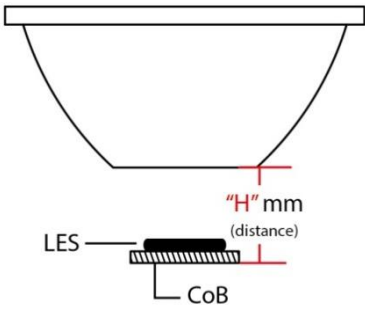


✓ **Optical Characteristics – Angle Performances**

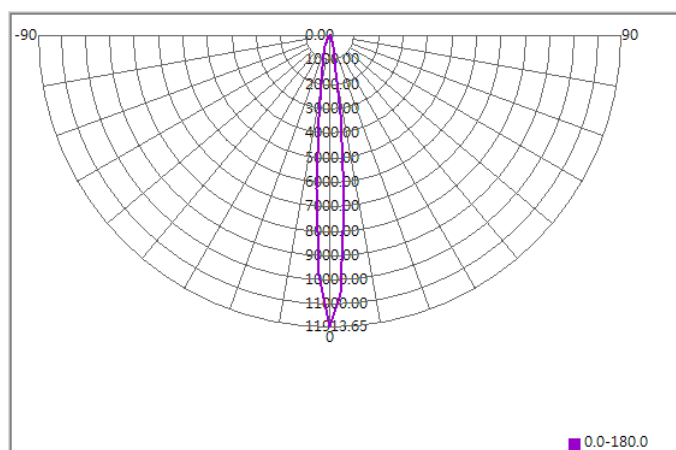
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM PW 1204 L09 G7	Φ9	10°	25°
Fortimo SLM 1201 L09 G7N	Φ9.8	12°	29°
Fortimo SLM 1202 L09 G7N	Φ9.8	13°	33°
Fortimo SLM 1203 L09 G7N	Φ9.8	13°	32°
Fortimo SLM 1204 L09 G7N	Φ9.8	13°	30°
Fortimo SLM 1205 L13 G7	Φ13	18°	40°
Fortimo SLM PW 1205 L13 G6	Φ13	18°	41°
Fortimo SLM 1205 L15 G7N	Φ14.5	19°	44°
Fortimo SLM 1206 L15 G7N	Φ14.5	20°	45°
Fortimo SLM 1208 L15 G7N	Φ14.5	19°	44°
Fortimo SLM 1210 L15 G7N	Φ14.5	19°	44°
Fortimo SLM 1208 L15 G7	Φ15	19°	44°
Fortimo SLM 1208 L15 G6	Φ15	20°	46°



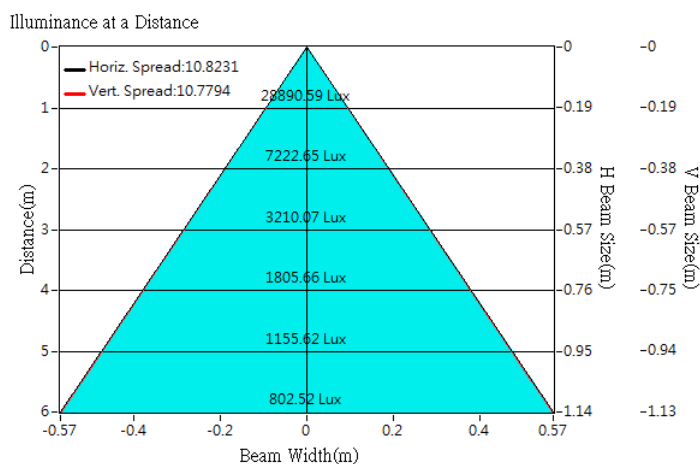
Optical Characteristics

Model Number	CKO-CC20-075026-0401		"H" definition
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	10°		
Field Angle (D10)	25°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2425 lm	Measured @ 26.4 W	
Material	PC / UL94V2		

cd/klm

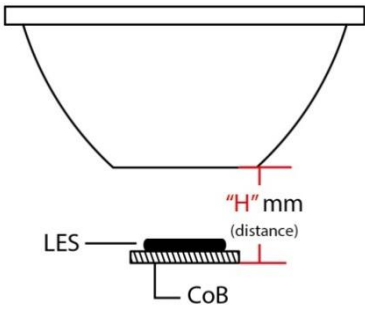


Illuminance At Distances

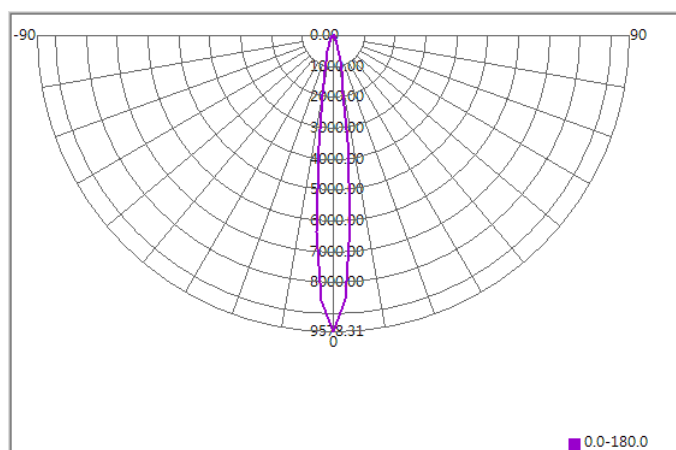




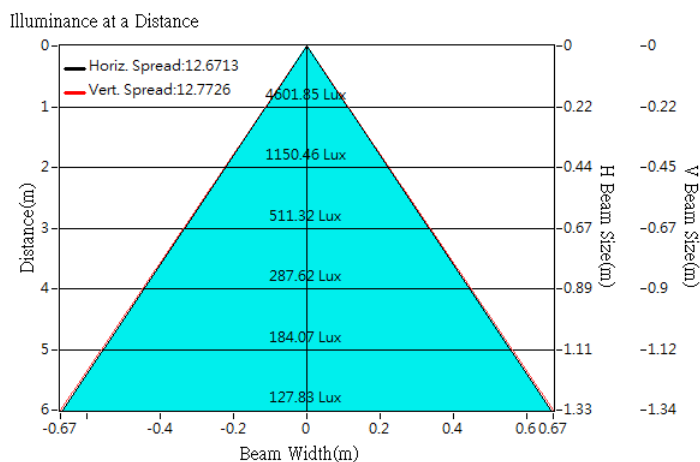
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	12°		
Field Angle (D10)	29°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	480 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

cd/klm

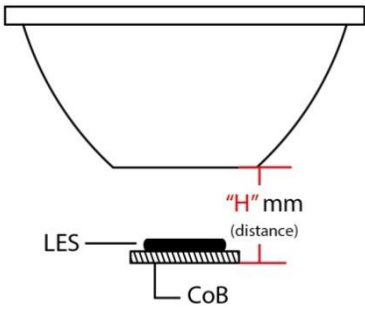


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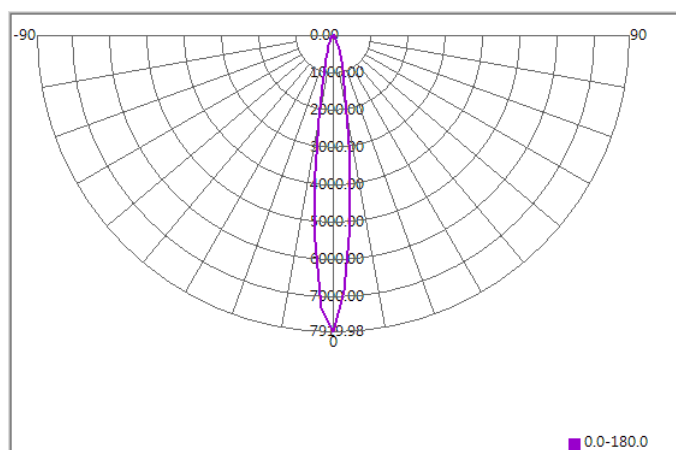




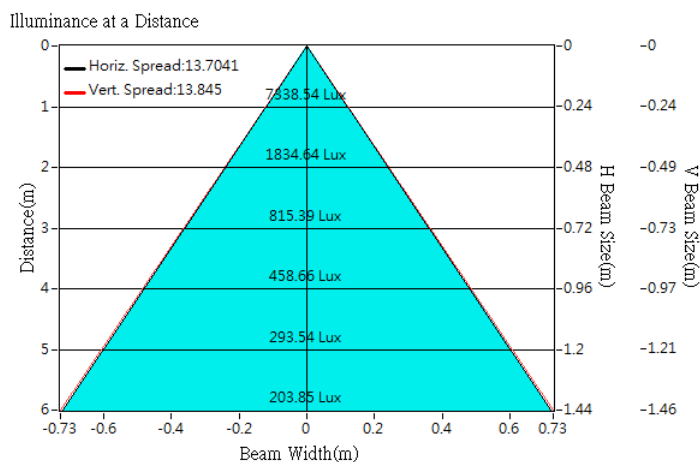
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	13°		
Field Angle (D10)	33°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	926 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm

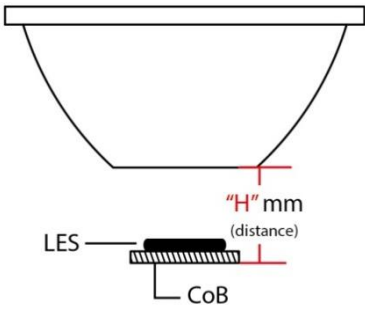


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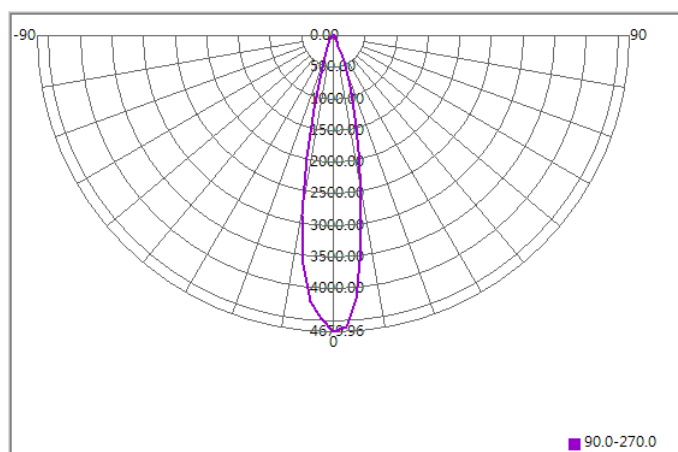




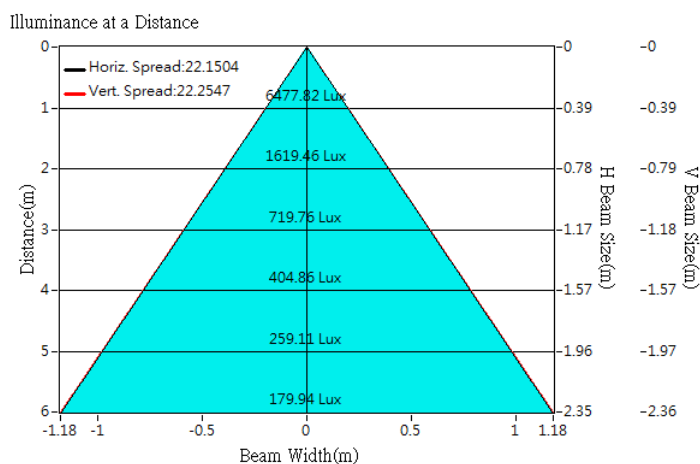
Optical Characteristics

Model Number	CKO-CC20-075026-0401		"H" definition 
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	13°		
Field Angle (D10)	32°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1384 lm	Measured @ 9.2 W	
Material	PC / UL94V2		

cd/klm

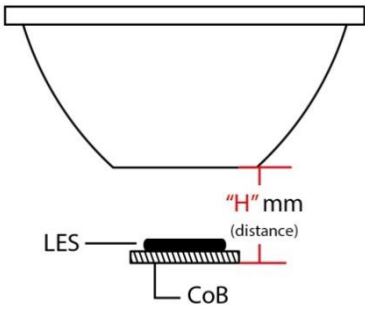


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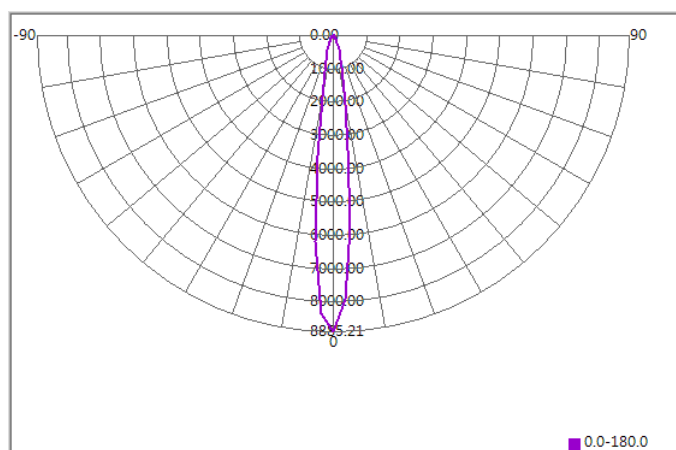




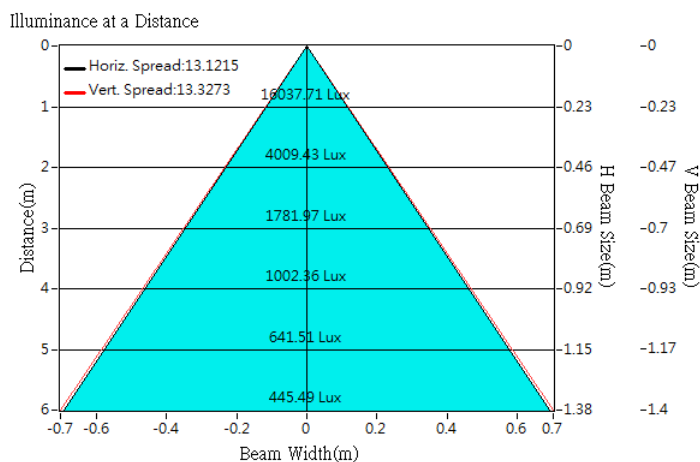
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	13°		
Field Angle (D10)	30°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1804 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm

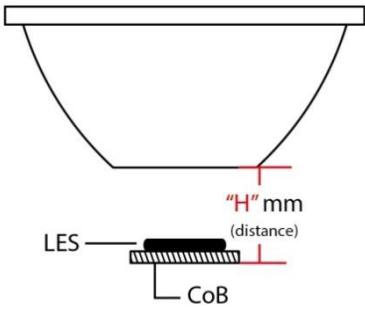


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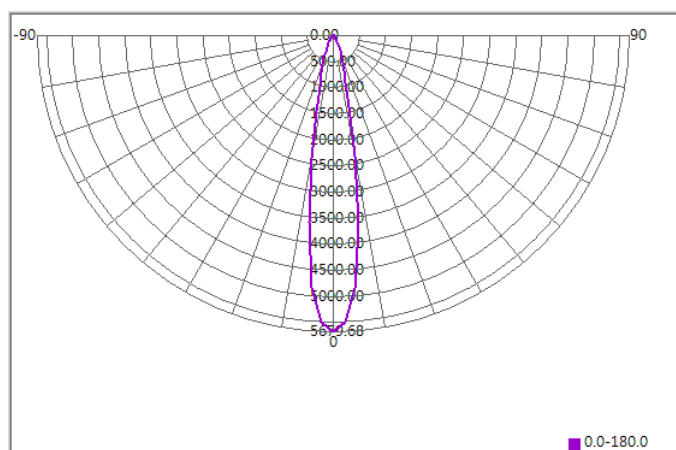




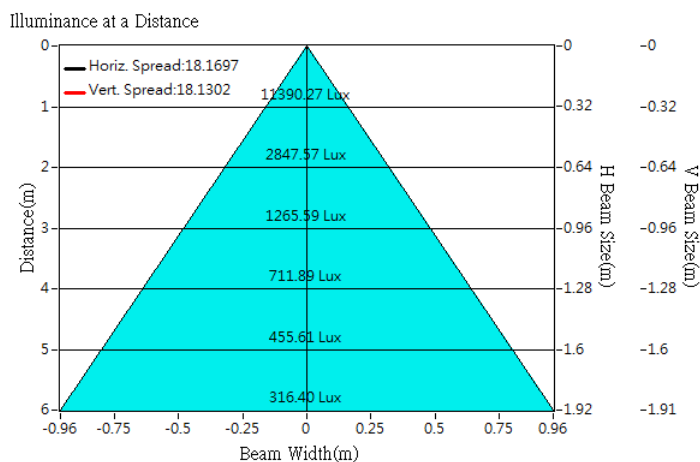
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	18°		
Field Angle (D10)	40°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2005 lm	Measured @ 17.4 W	
Material	PC / UL94V2		

cd/klm

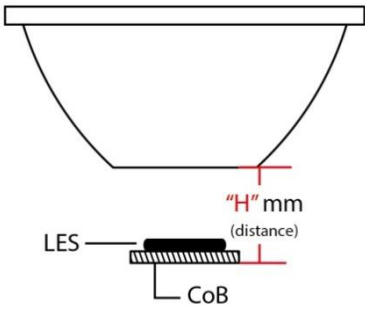


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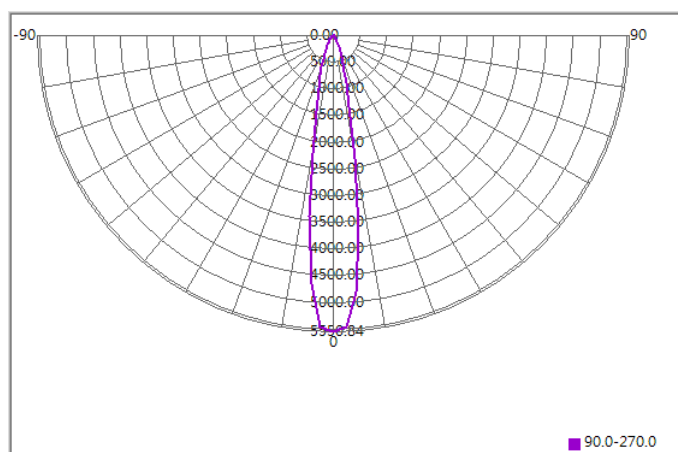




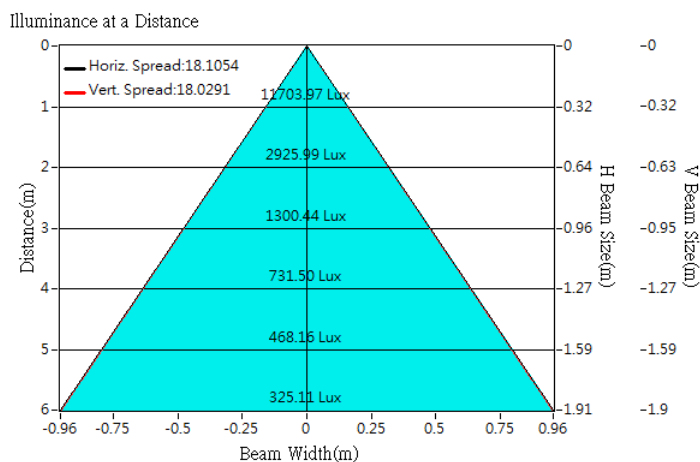
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM PW 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	18°		
Field Angle (D10)	41°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2108 lm	Measured @ 17.8 W	
Material	PC / UL94V2		

cd/klm

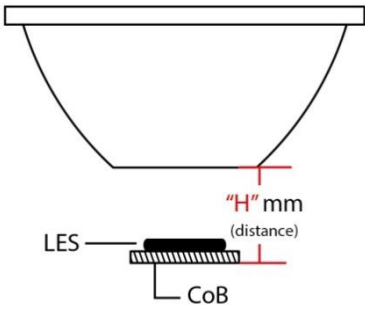


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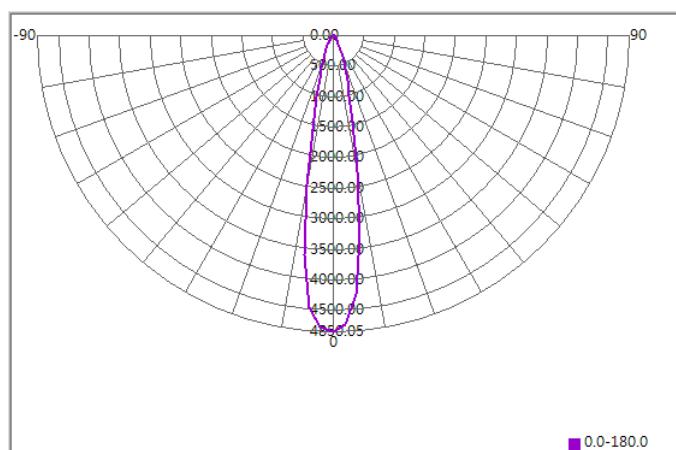




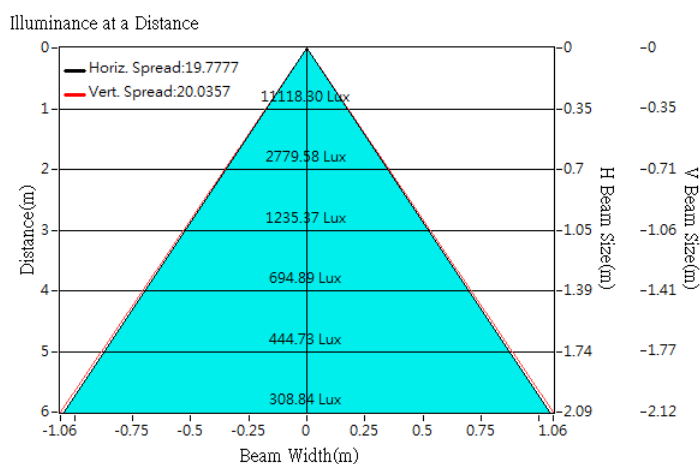
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	19°		
Field Angle (D10)	44°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2292 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm

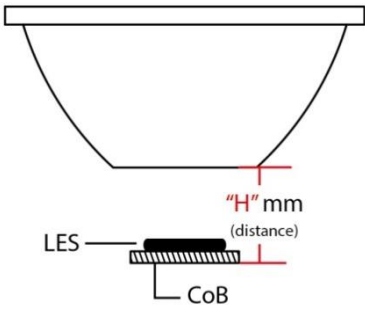


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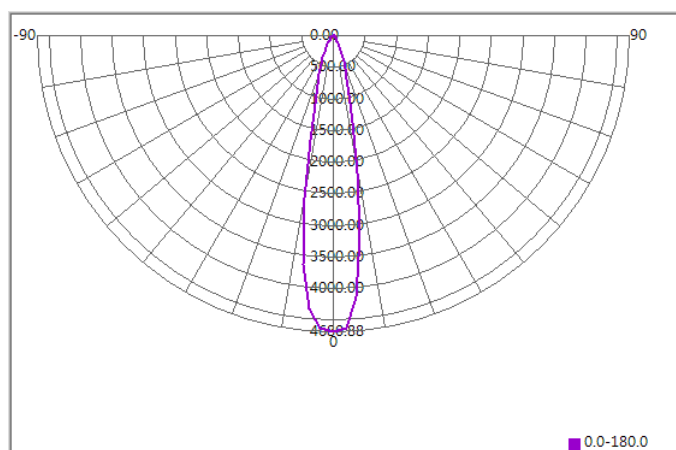




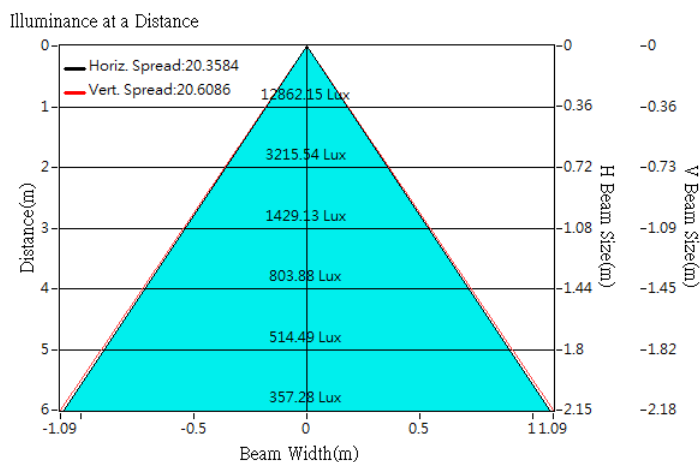
Optical Characteristics

Model Number	CKO-CC20-075026-0401		"H" definition 
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	20°		
Field Angle (D10)	45°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2747 lm	Measured @ 18.5 W	
Material	PC / UL94V2		

cd/klm

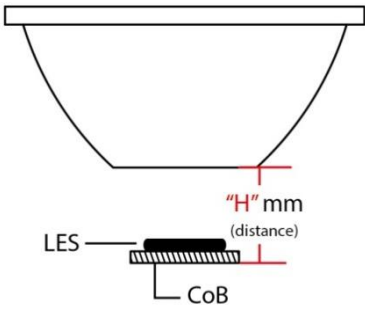


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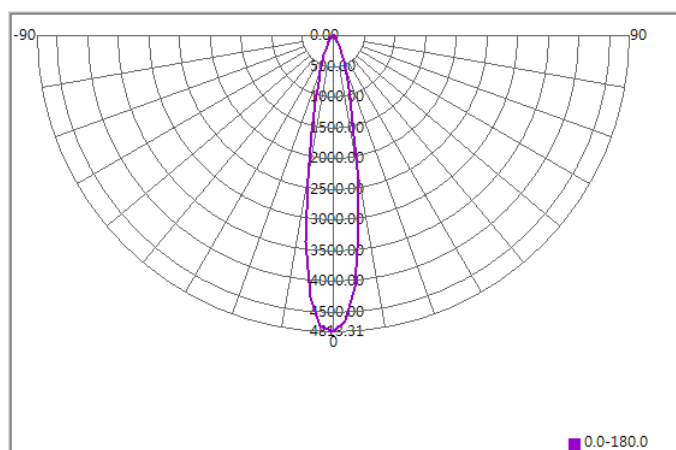




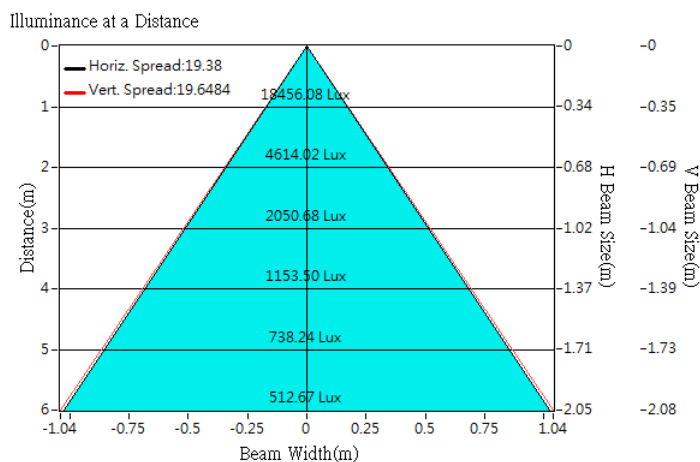
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	19°		
Field Angle (D10)	44°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	3834 lm	Measured @ 24.7 W	
Material	PC / UL94V2		

cd/klm

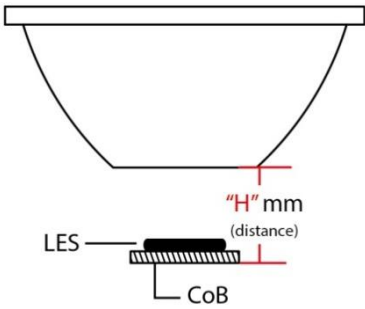


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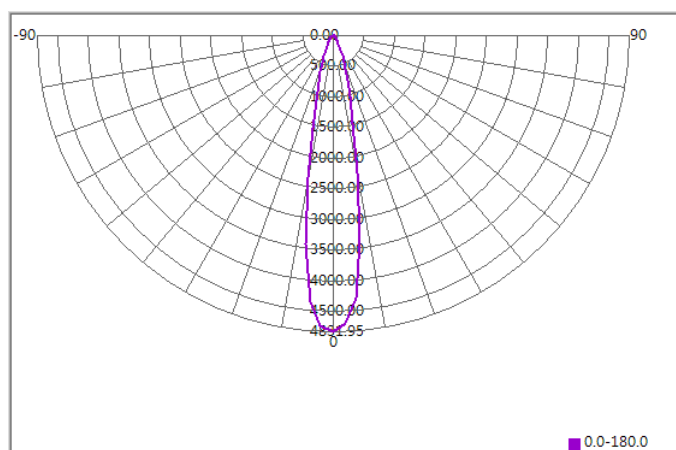




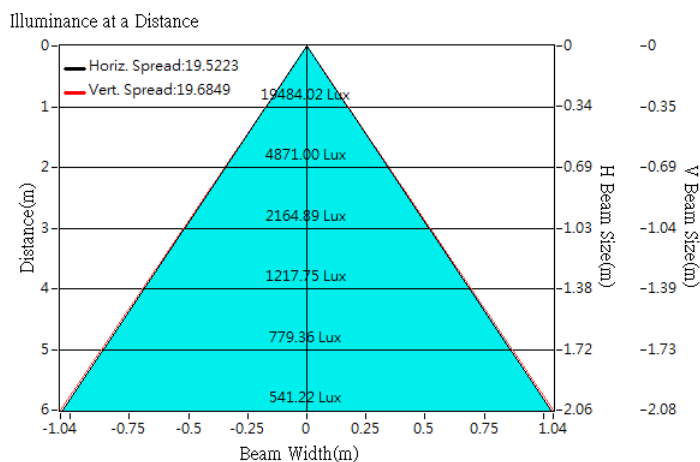
Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1210 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	19°		
Field Angle (D10)	44°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	4032 lm	Measured @ 30.9 W	
Material	PC / UL94V2		

cd/klm

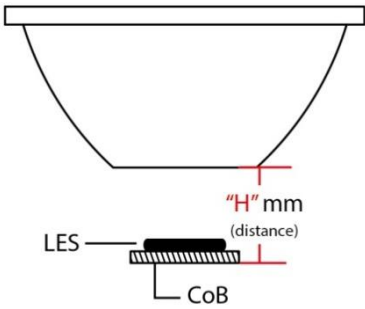


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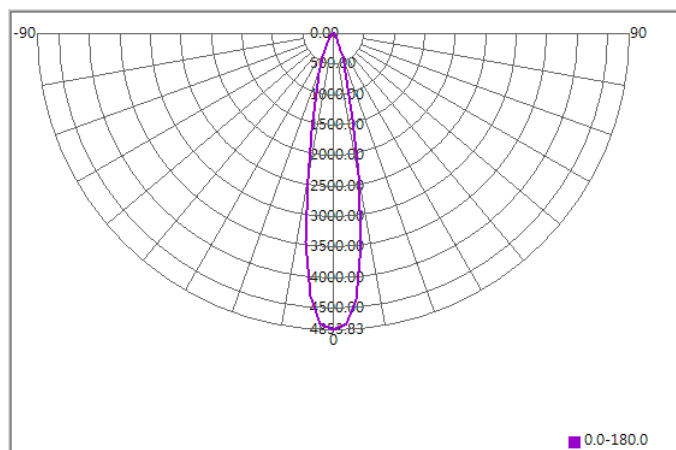




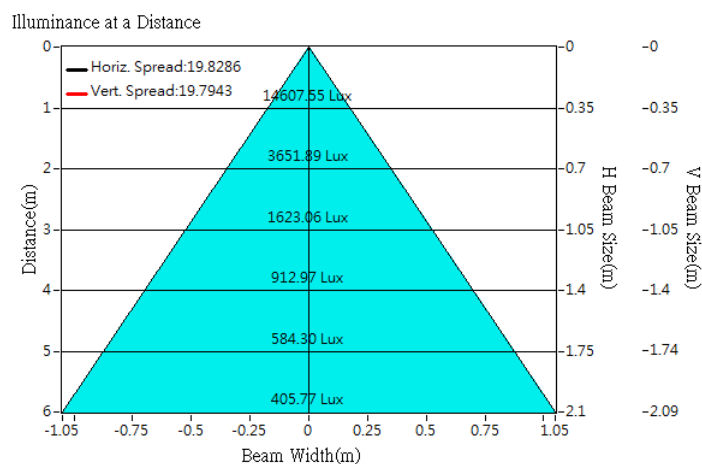
Optical Characteristics

Model Number	CKO-CC20-075026-0401		"H" definition
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	19°		
Field Angle (D10)	44°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	3009 lm	Measured @ 25.5 W	
Material	PC / UL94V2		

cd/klm

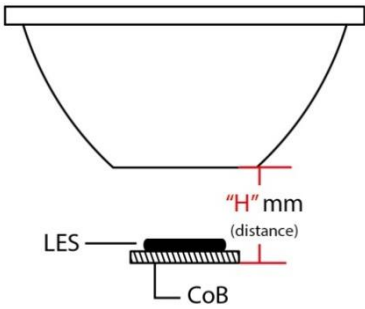


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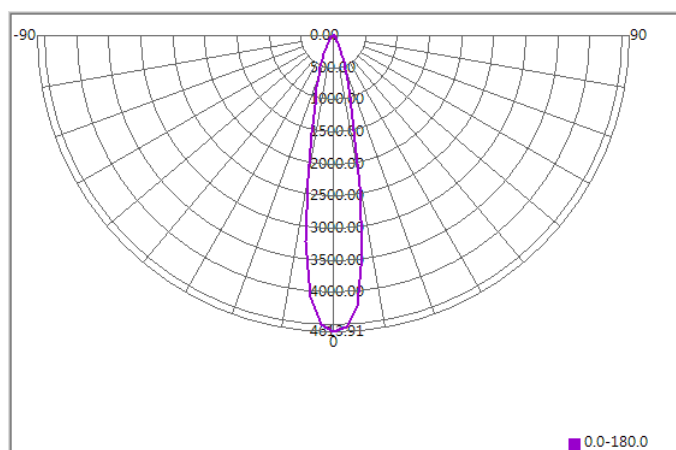




Optical Characteristics

Model Number	CKO-CC20-075026-0401		
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	20°		
Field Angle (D10)	46°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2497 lm	Measured @ 26.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

