

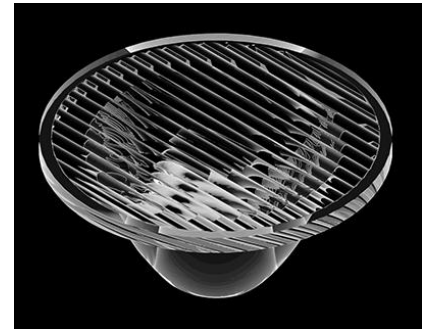


Product Model Number

CKO-SA15-060027-4209

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

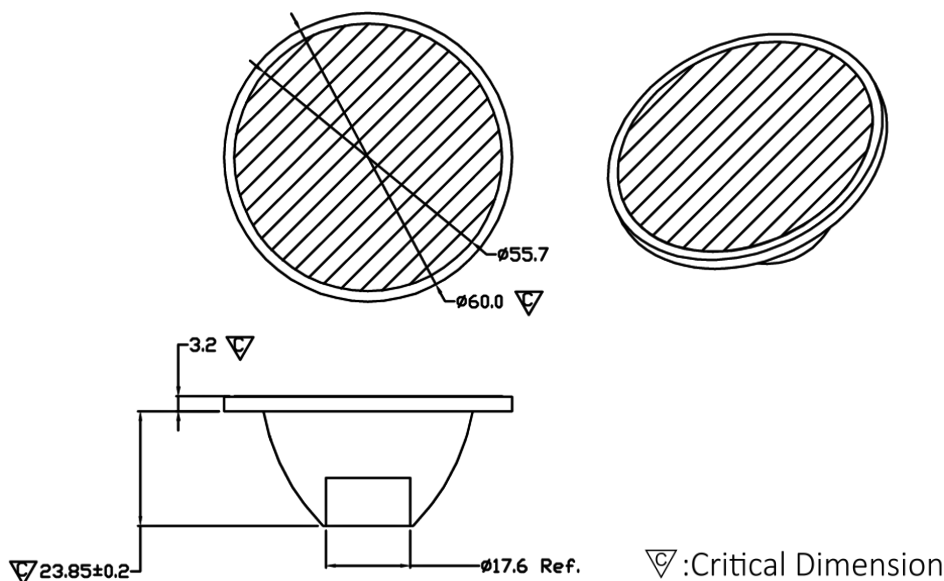


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ60 x 26.85





✓ Optical Characteristics – Angle Performances

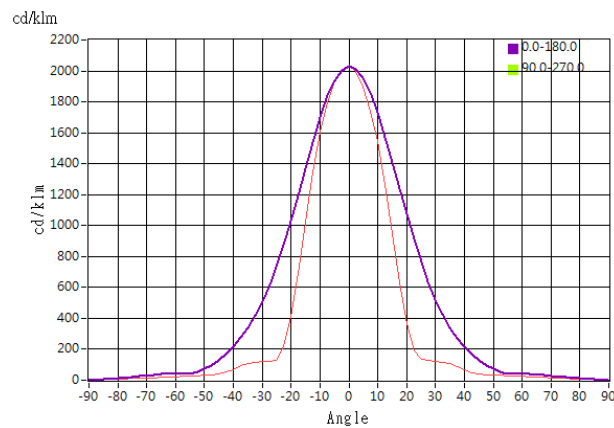
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6	Φ9	29°x41°	45°x81°
Fortimo SLM 1203 L09 G6_DL	Φ9	32°x41°	48°x82°
Fortimo SLM 1203 L09 G6_PI	Φ9	32°x41°	48°x82°
Fortimo SLM PW 1204 L09 G7	Φ9	29°x41°	46°x81°
Fortimo SLM 1203 L09 G7N	Φ9.8	30°x41°	47°x82°
Fortimo SLM 1204 L09 G7N	Φ9.8	29°x41°	46°x81°
Fortimo SLM 1205 L13 G7	Φ13	36°x45°	67°x89°
Fortimo SLM PW 1205 L13 G6	Φ13	35°x43°	62°x86°
Fortimo SLM 1205 L15 G7N	Φ14.5	37°x44°	64°x86°
Fortimo SLM 1206 L15 G7N	Φ14.5	38°x45°	68°x89°
Fortimo SLM 1208 L15 G7	Φ15	38°x45°	71°x90°
Fortimo SLM 1208 L15 G6	Φ15	38°x45°	68°x89°



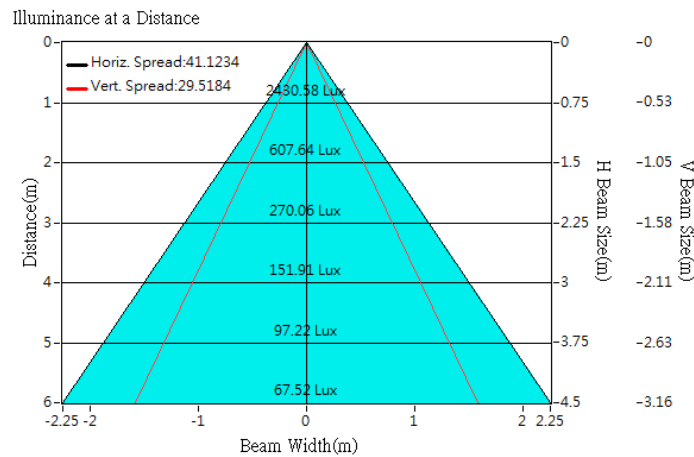
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	30°x41°		
Field Angle (D10)	45°x81°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1199 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

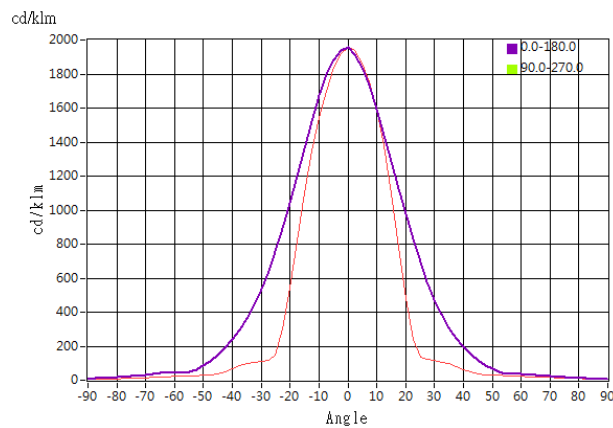




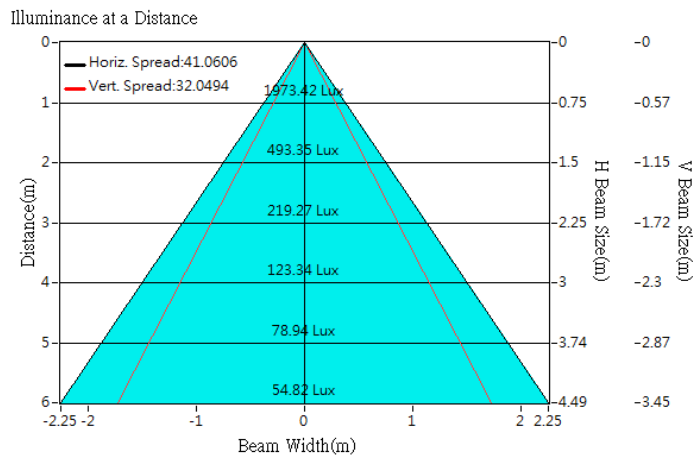
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM C 1203 L09 1619 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	32°x41°		
Field Angle (D10)	48°x82°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1010 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

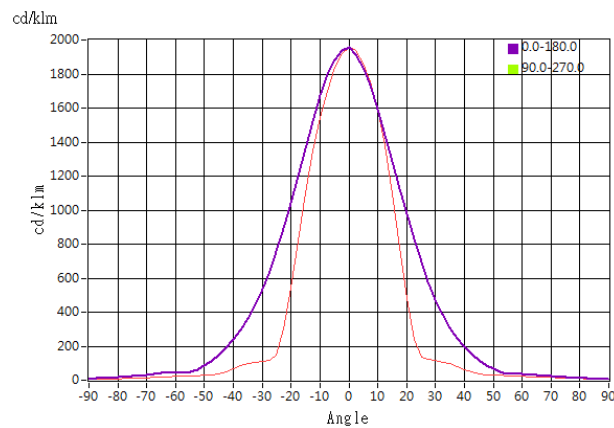




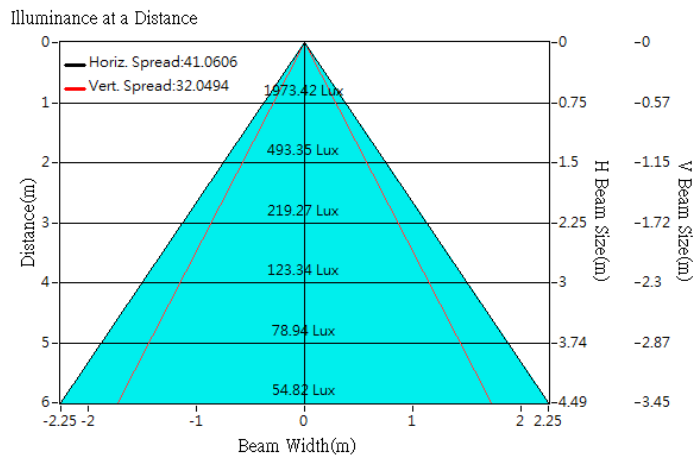
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM C 1203 L09 1619 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	32°x41°		
Field Angle (D10)	48°x82°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1010 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

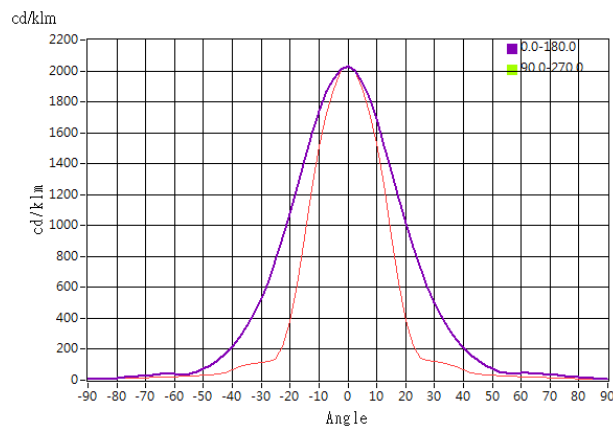




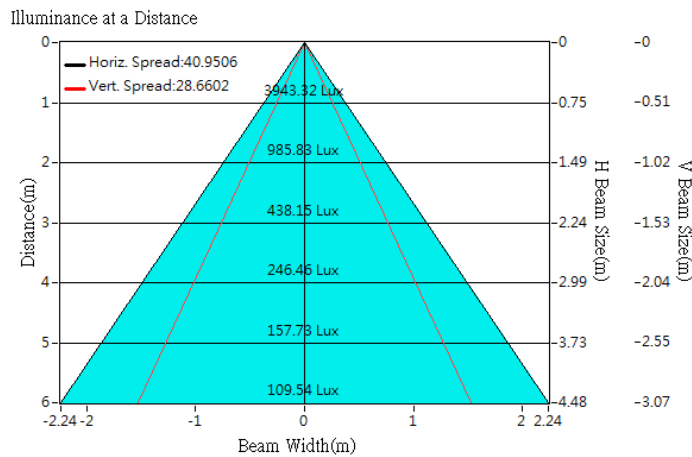
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	29°x41°		
Field Angle (D10)	46°x81°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1943 lm	Measured @ 21.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

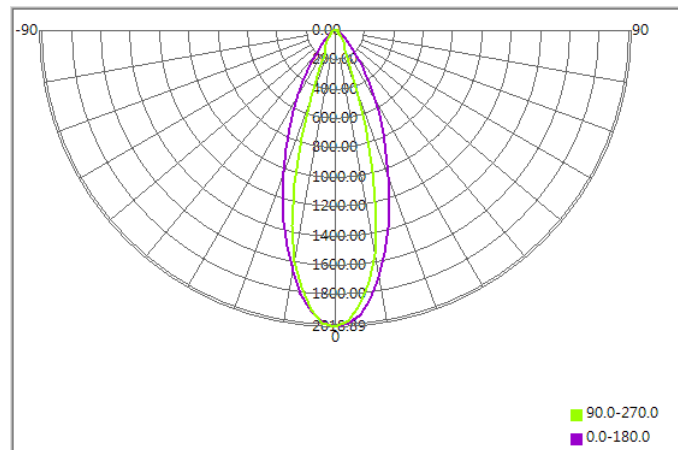




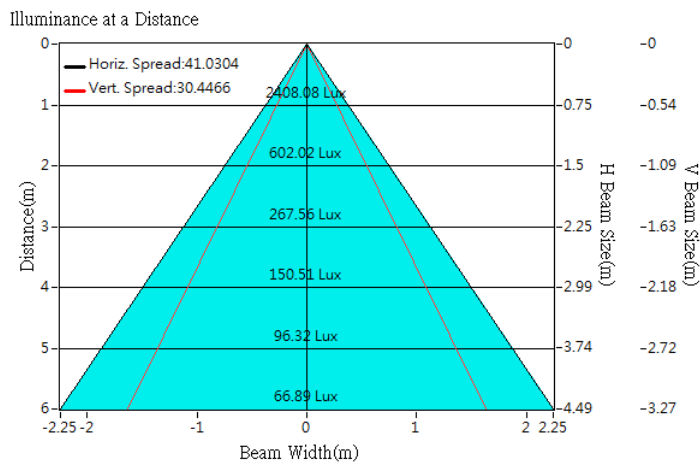
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	30°x41°		
Field Angle (D10)	47°x82°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1192 lm	Measured @ 9.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

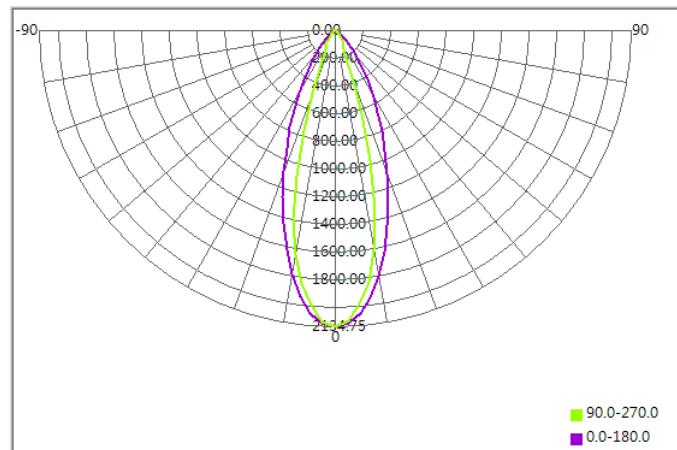




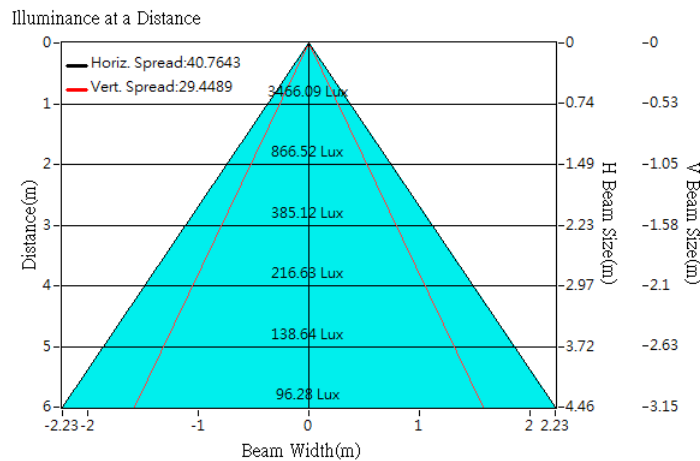
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	29°x41°		
Field Angle (D10)	46°x81°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1623 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

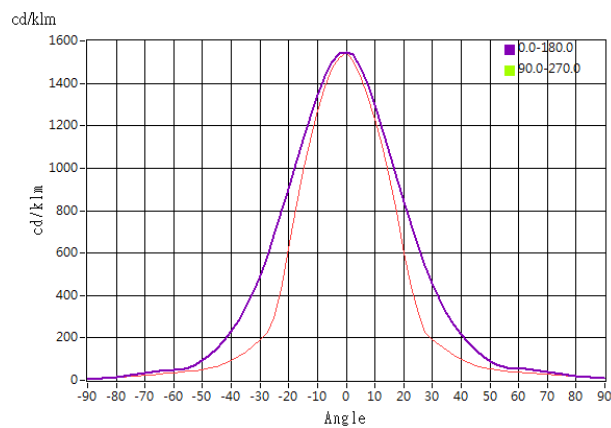




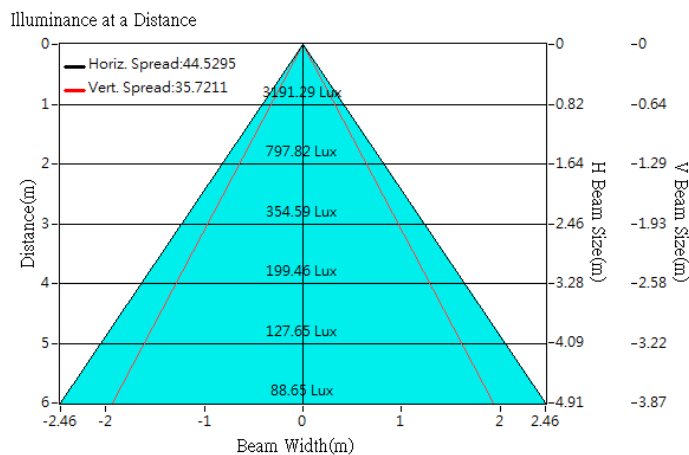
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo 830 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	36°x45°		
Field Angle (D10)	67°x89°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2065 lm	Measured @ 17.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

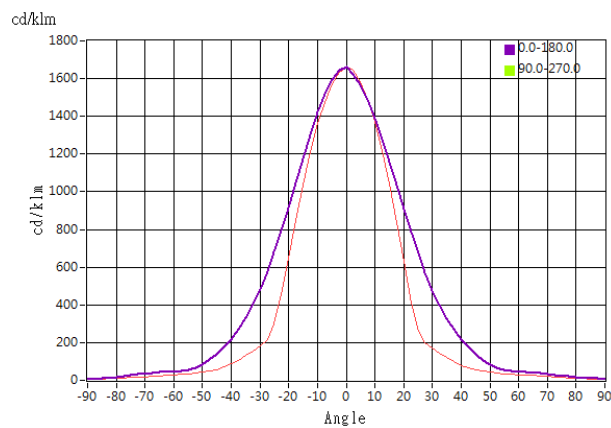




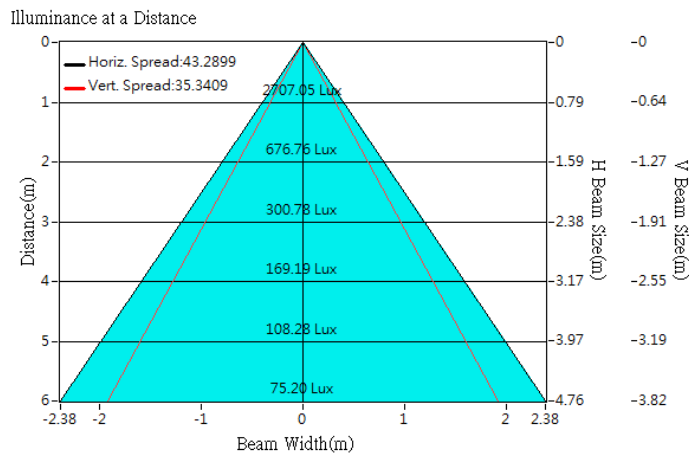
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	35°x43°		
Field Angle (D10)	62°x86°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1631 lm	Measured @ 13.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

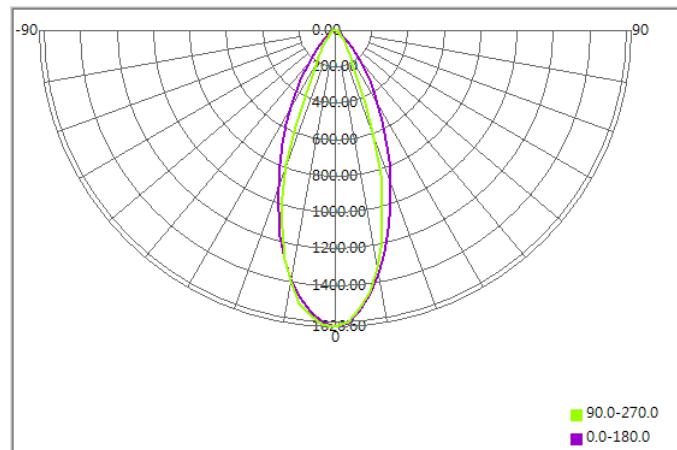




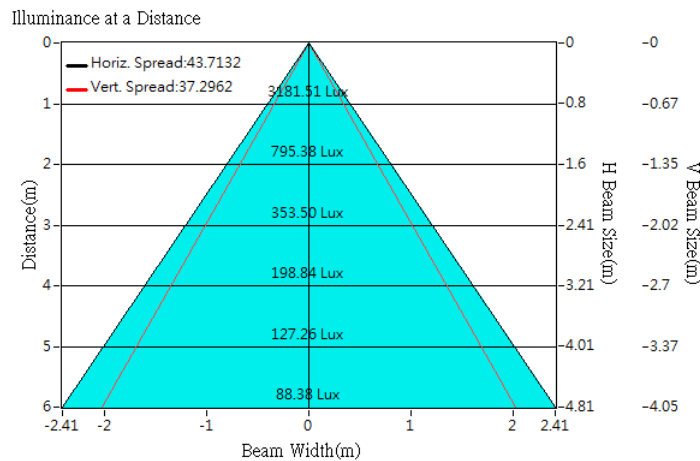
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	37°x44°		
Field Angle (D10)	64°x86°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1955 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

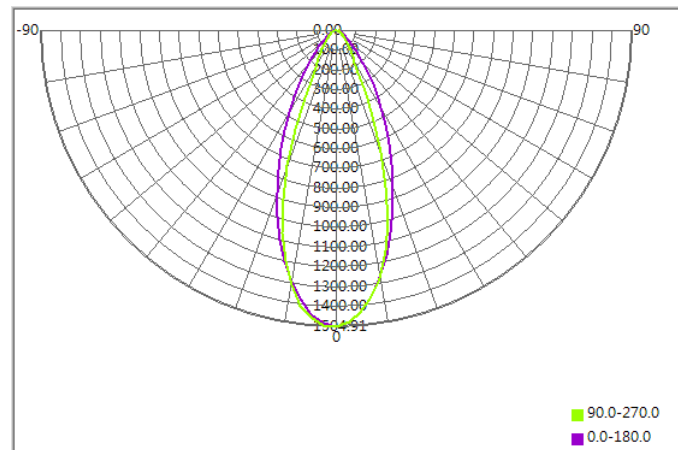




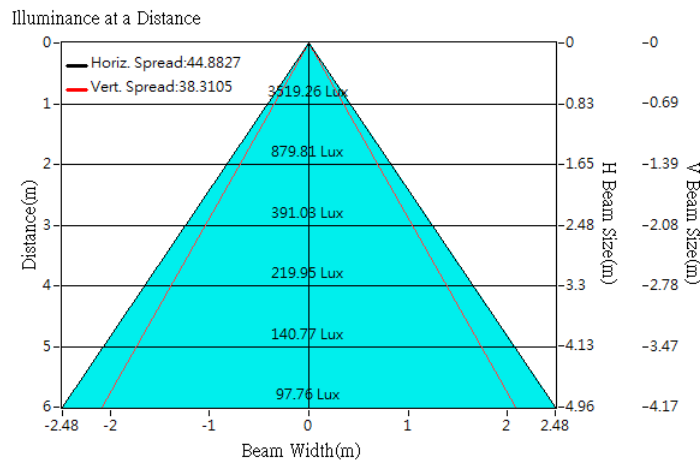
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	38°x45°		
Field Angle (D10)	68°x89°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2338 lm	Measured @ 19.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

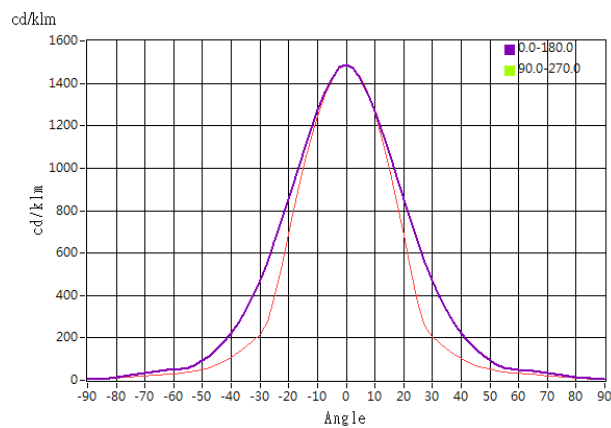




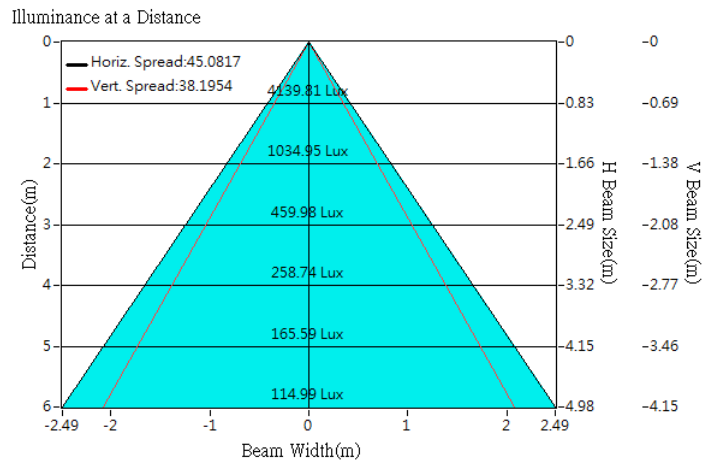
Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	38°x45°		
Field Angle (D10)	71°x90°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2780 lm	Measured @ 25.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

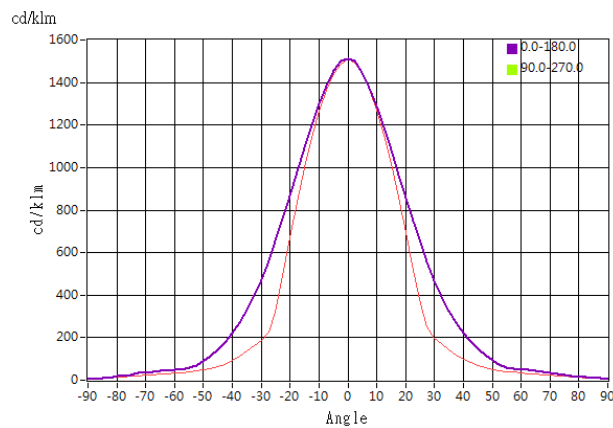




Optical Characteristics

Model Number	CKO-SA15-060027-4209		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	38°x45°		
Field Angle (D10)	68°x89°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2330 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

