Product Model Number

CKO-SA15-060027-4207

✓ Model Number Definitions

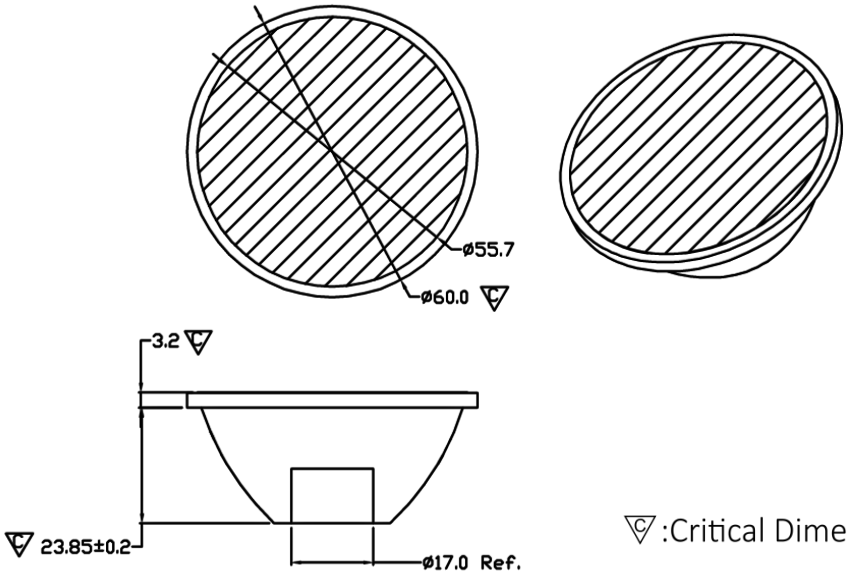
CKO-XXXX-XXXXXX-XXXX

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

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) : Φ60 x 26.85



:Critical Dimension

Chun Kuang Optics Corp.
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com

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✓ Optical Characteristics – Angle Performances

Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6	Φ9	14°x39°	26°x74°
Fortimo SLM 1203 L09 G6_DL	Φ9	14°x41°	25°x75°
Fortimo SLM 1203 L09 G6_PI	Φ9	14°x41°	25°x75°
Fortimo SLM PW 1204 L09 G7	Φ9	14°x38°	27°x75°
Fortimo SLM 1202 L09 G7N	Φ9.8	16°x39°	31°x74°
Fortimo SLM 1203 L09 G7N	Φ9.8	16°x39°	30°x74°
Fortimo SLM 1204 L09 G7N	Φ9.8	15°x39°	29°x74°
Fortimo SLM 1205 L13 G7	Φ13	21°x40°	43°x79°
Fortimo SLM PW 1205 L13 G6	Φ13	20°x41°	41°x78°
Fortimo SLM PW 1205 L13 G6_DL	Φ13	20°x41°	41°x78°
Fortimo SLM PW 1205 L13 G6_PI	Φ13	20°x41°	41°x78°
Fortimo SLM 1205 L15 G7N	Φ14.5	22°x40°	47°x79°
Fortimo SLM 1206 L15 G7N	Φ14.5	23°x41°	49°x79°
Fortimo SLM 1208 L15 G7	Φ15	22°x42°	47°x82°
Fortimo SLM 1208 L15 G6	Φ15	22°x42°	45°x80°
Fortimo SLM 1208 L15 G6_DL	Φ15	22°x41°	47°x80°
Fortimo SLM 1208 L15 G6_PI	Φ15	22°x41°	47°x80°

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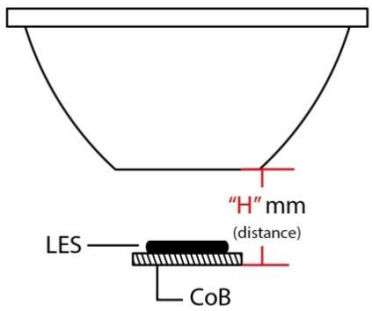
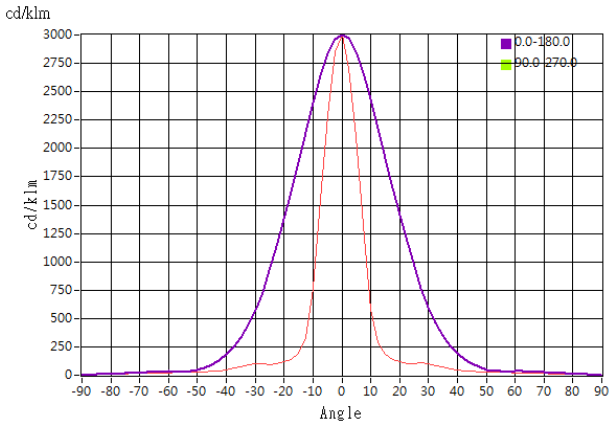
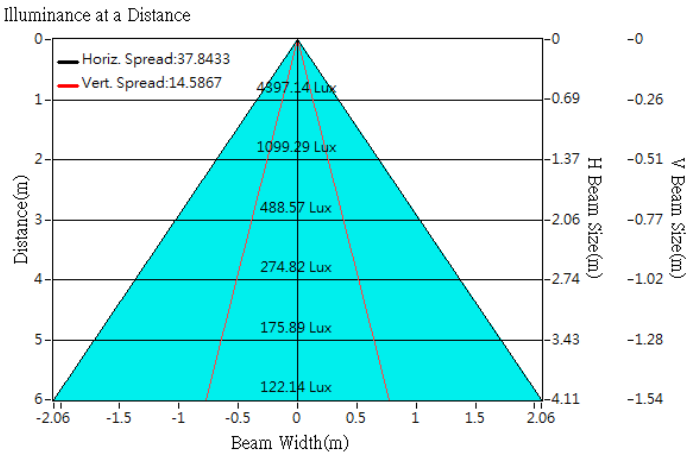
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1203 L09 G6**		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x38°		
Field Angle (D10)	25°x72°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1467 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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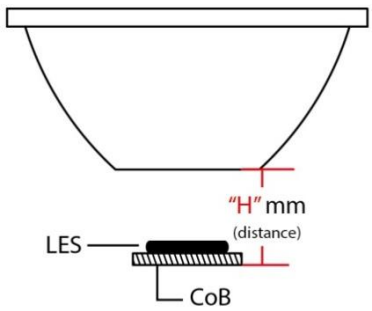
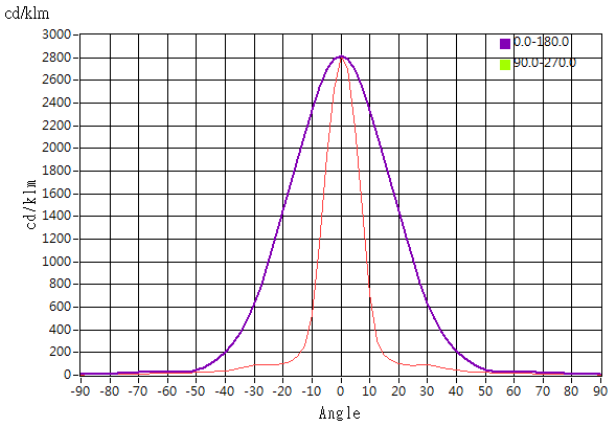
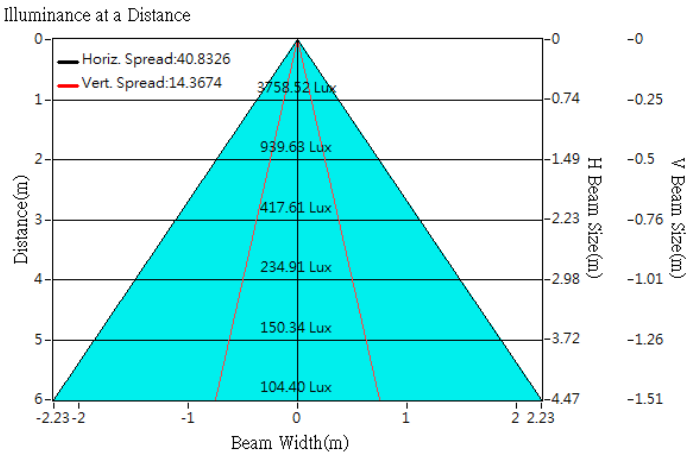
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	Fortimo SLM C 1203 L09 1619 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x41°		
Field Angle (D10)	25°x75°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1333 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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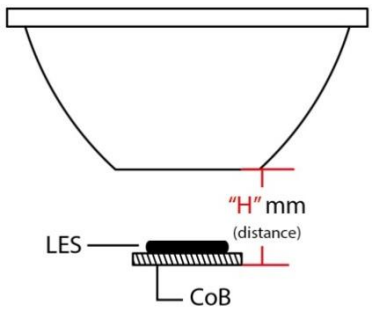
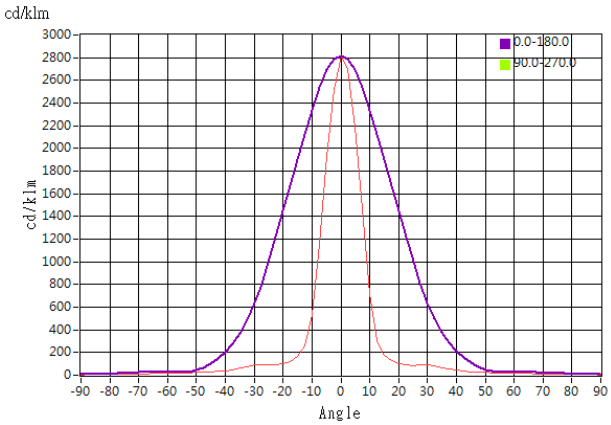
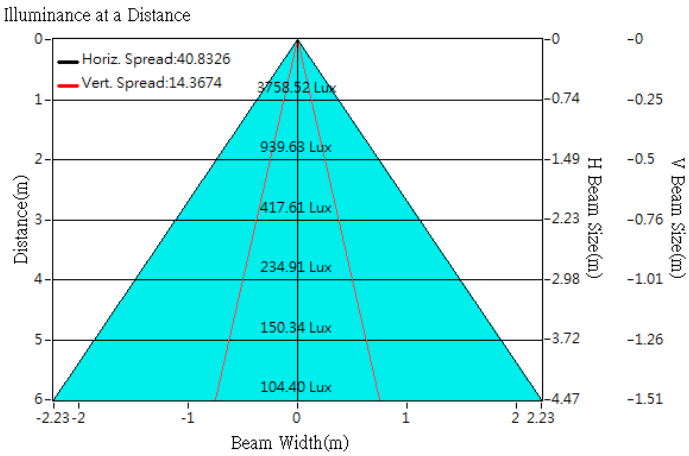
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	Fortimo SLM C 1203 L09 1619 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x41°		
Field Angle (D10)	25°x75°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1333 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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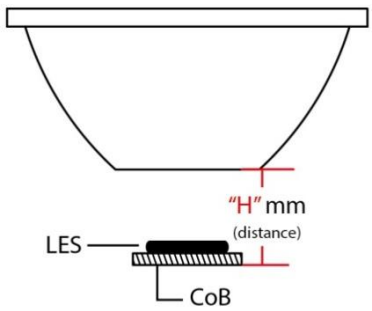
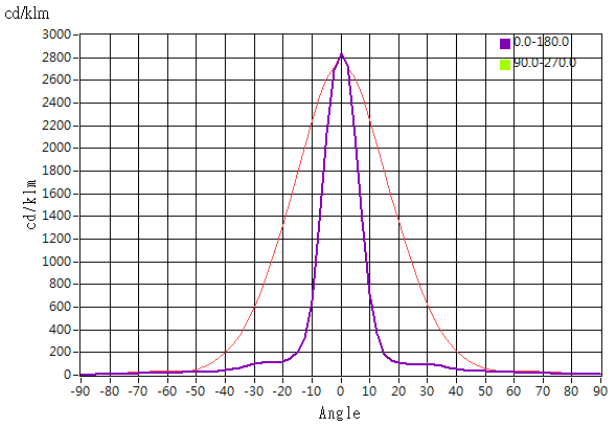
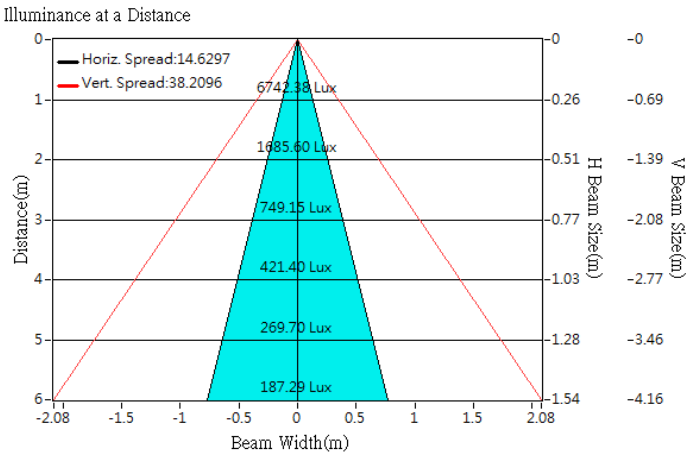
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1204 L09 G7**		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x38°		
Field Angle (D10)	27°x75°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2381 lm	Measured @ 21.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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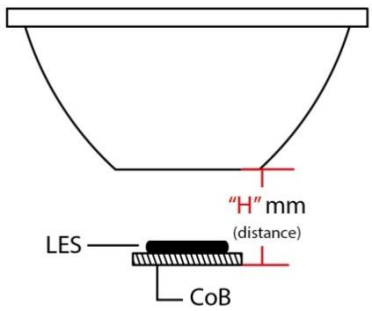
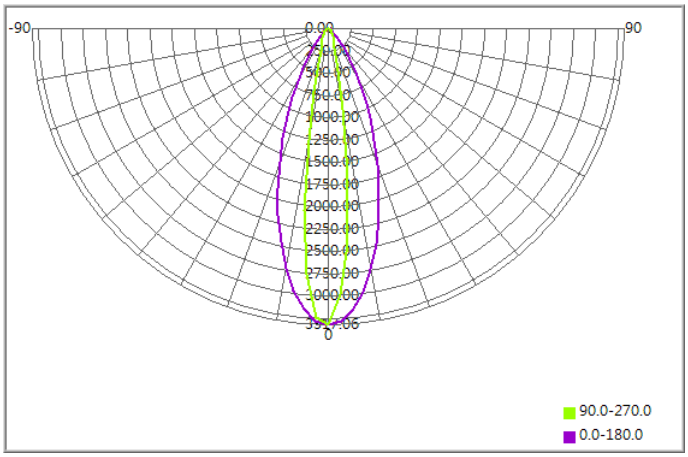
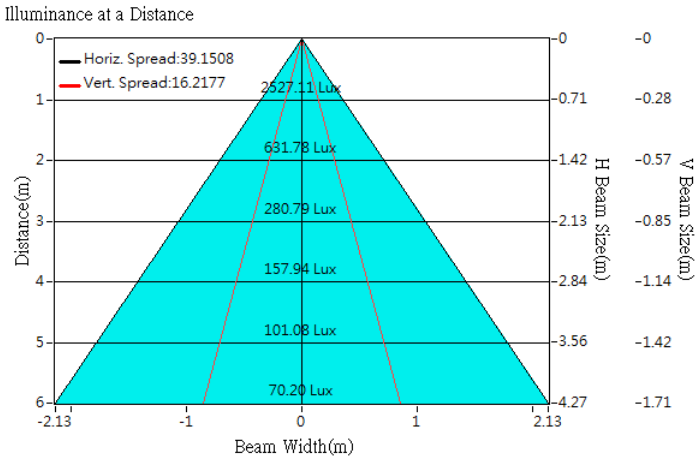
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1202 L09 G7N**		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	16°x39°		
Field Angle (D10)	31°x74°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	761 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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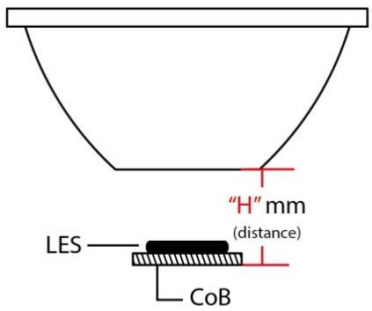
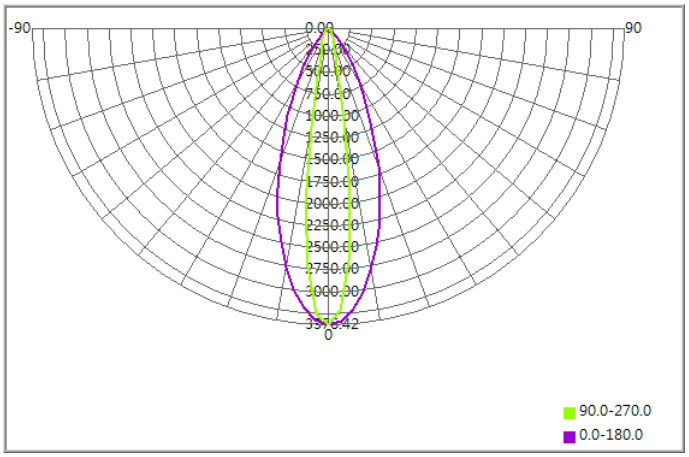
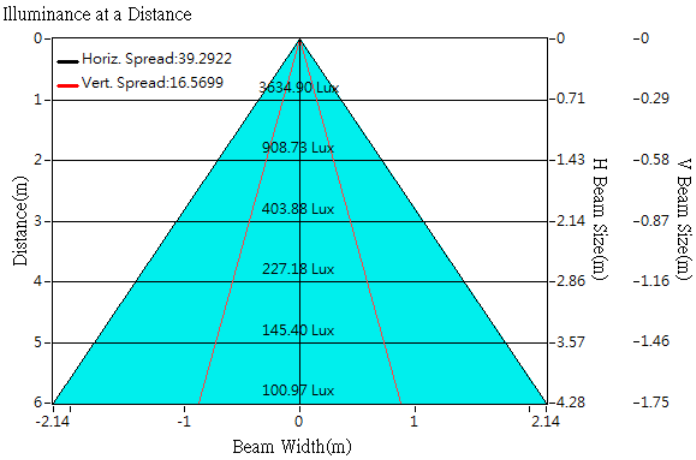
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1203 L09 G7N**		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	16°x39°		
Field Angle (D10)	30°x74°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1076 lm	Measured @ 9.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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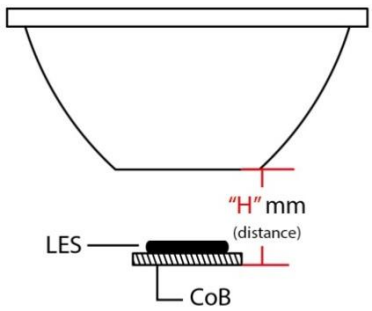
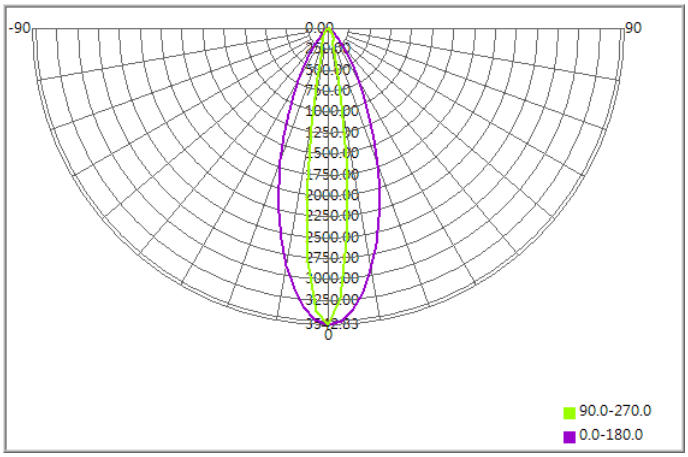
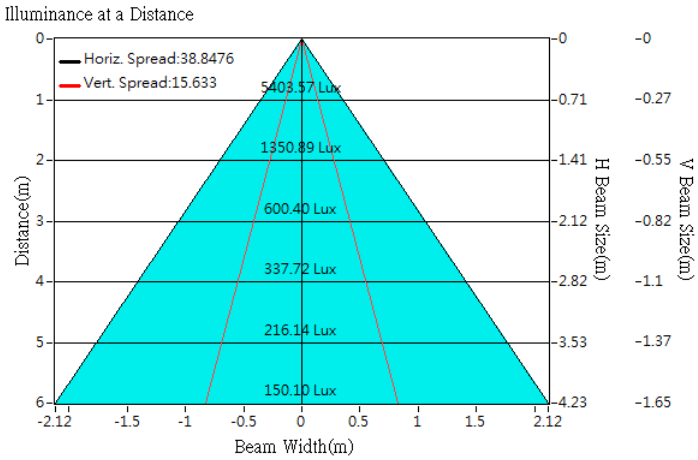
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1204 L09 G7N**		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	15°x39°		
Field Angle (D10)	29°x74°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1525 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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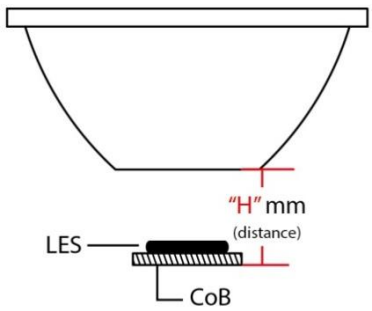
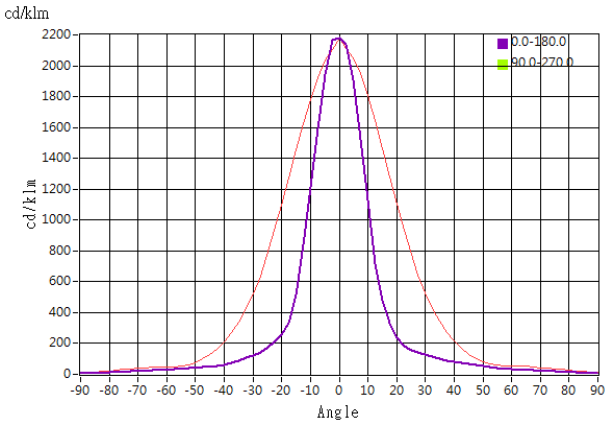
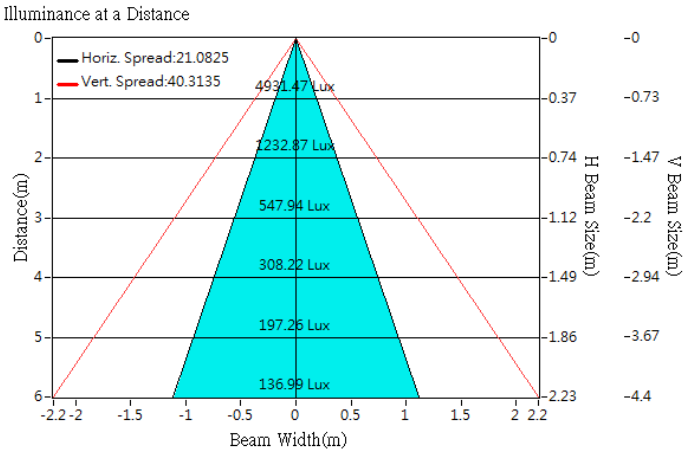
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 830 1205 L13 G7**		
LES / LED Size	Φ 13 mm		
FWHM (D50)	21°x40°		
Field Angle (D10)	43°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2264 lm	Measured @ 17.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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Optical Characteristics

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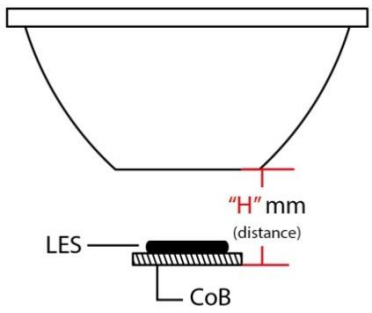
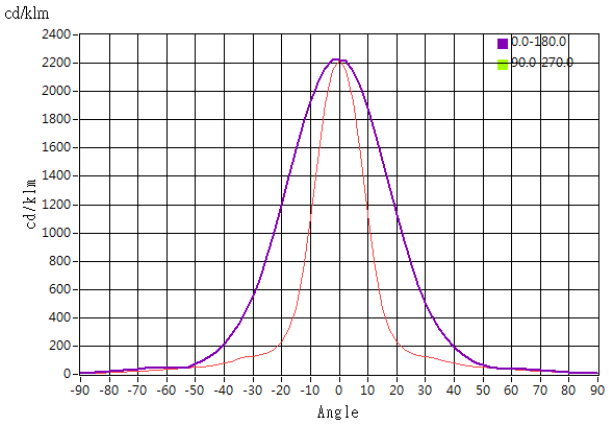
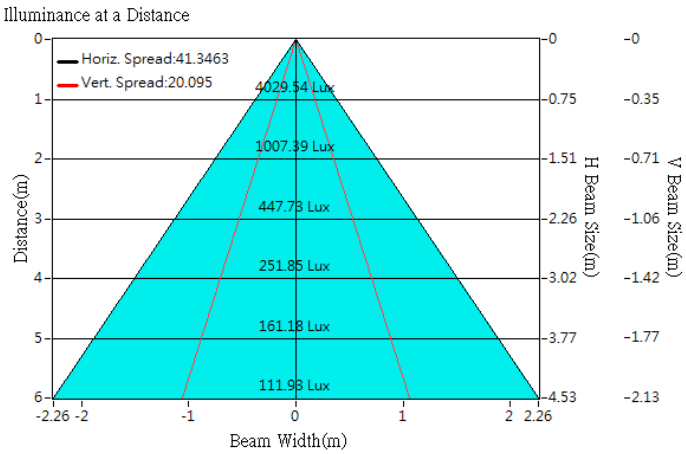
LED	**Fortimo SLM 1205 L13 G6**		
LES / LED Size	Φ 13 mm		
FWHM (D50)	20°x41°		
Field Angle (D10)	41°x78°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1812 lm	Measured @ 13.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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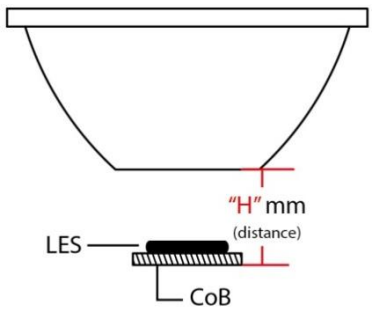
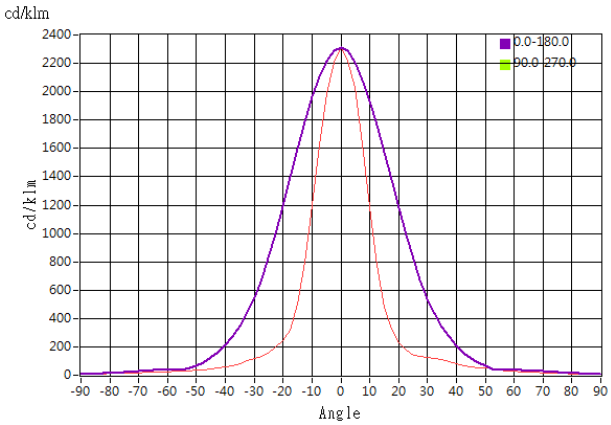
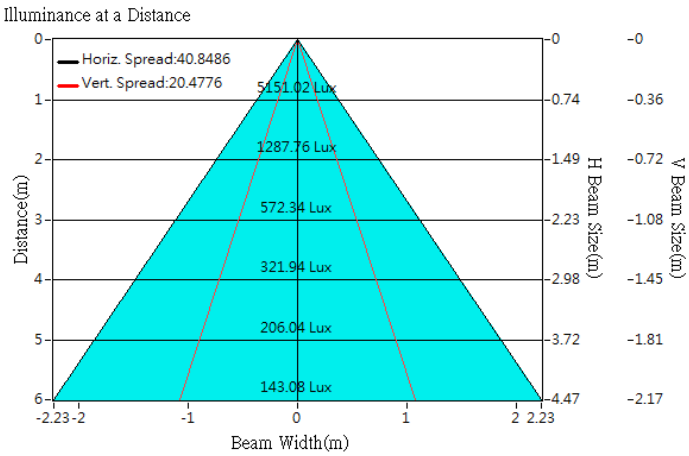
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	20°x41°		
Field Angle (D10)	41°x78°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2232 lm	Measured @ 17.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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Optical Characteristics

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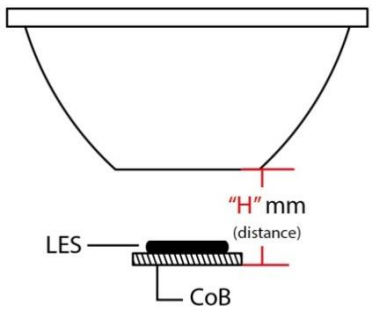
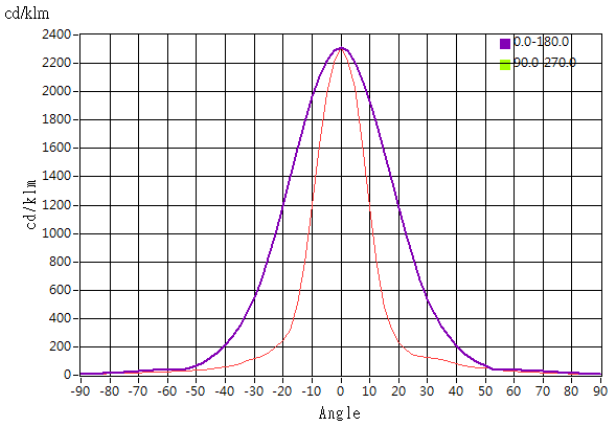
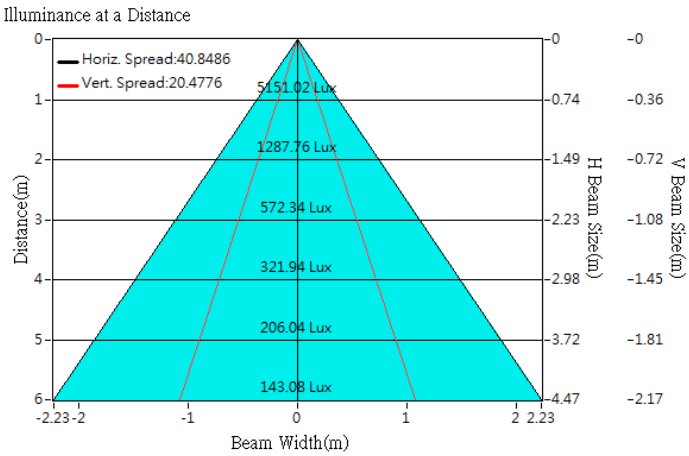
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	20°x41°		
Field Angle (D10)	41°x78°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2232 lm	Measured @ 17.4 W	
Material	PC / UL94V2		

cd/klm



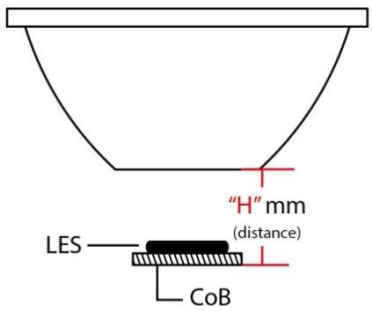
Illuminance At Distances



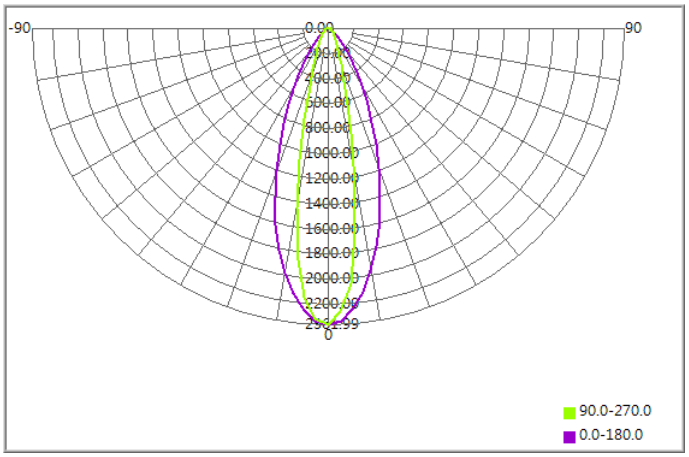
Chun Kuang Optics Corp.
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com

2021/12/6

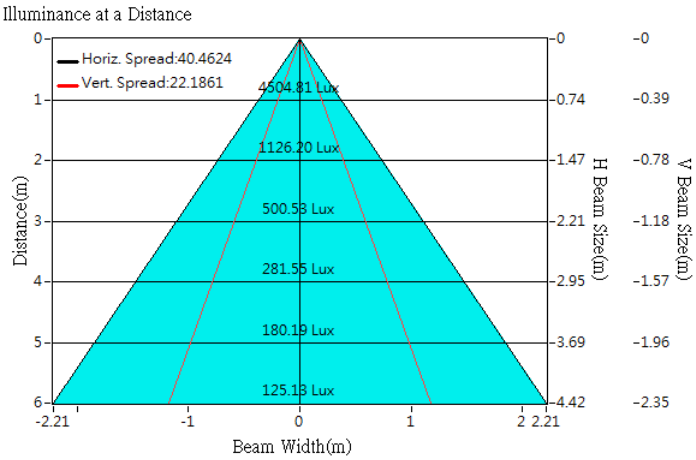
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1205 L15 G7N**		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	22°x40°		
Field Angle (D10)	47°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1907 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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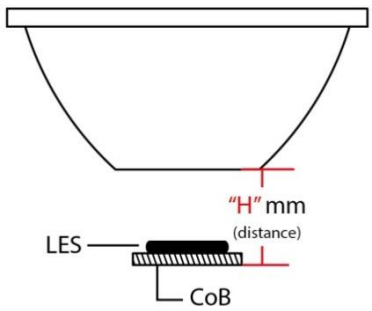
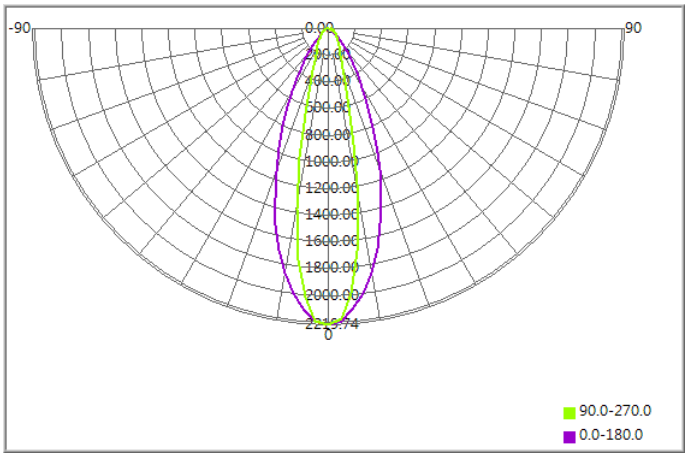
2021/12/6

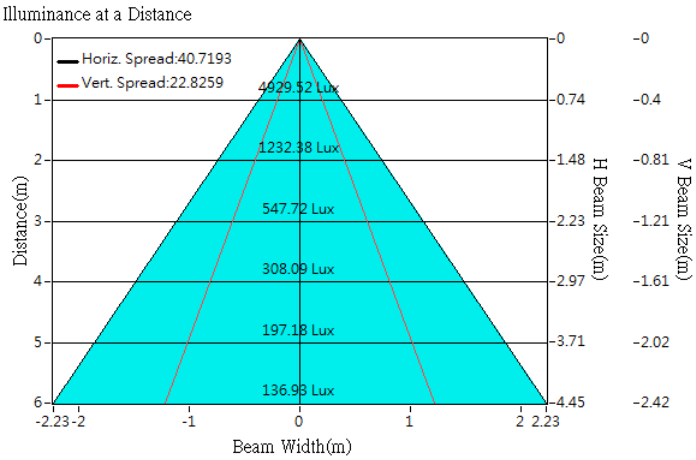
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1206 L15 G7N**		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	23°x41°		
Field Angle (D10)	49°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2220 lm	Measured @ 19.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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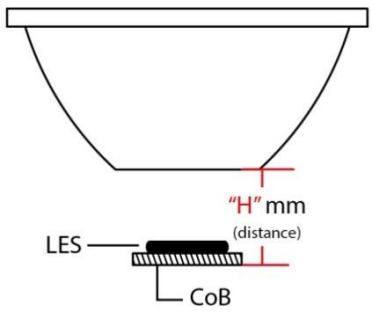
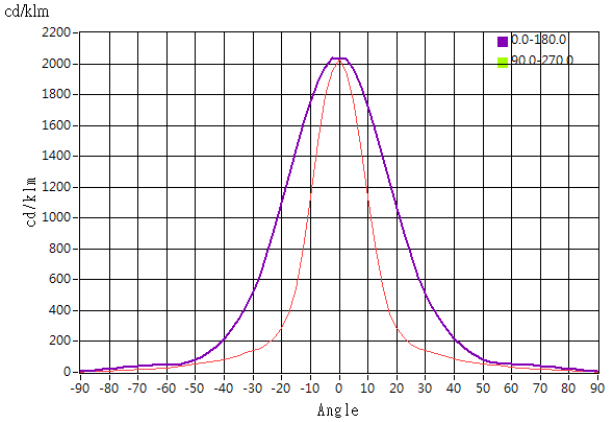
2021/12/6

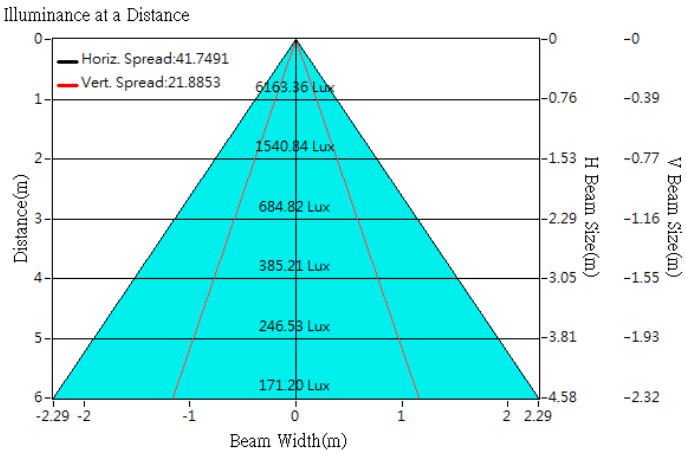
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1208 L15 G7**		
LES / LED Size	Φ 15 mm		
FWHM (D50)	22°x42°		
Field Angle (D10)	47°x82°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3031 lm	Measured @ 25.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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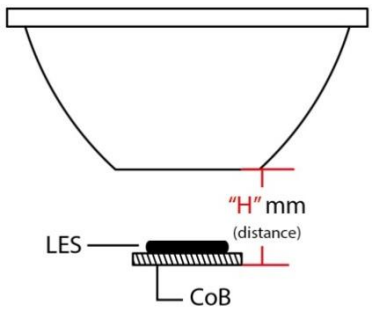
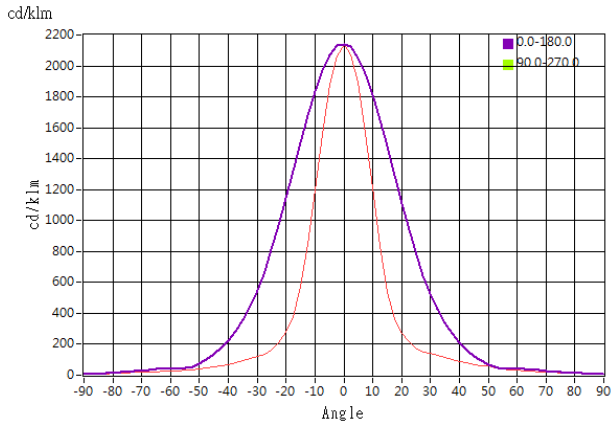
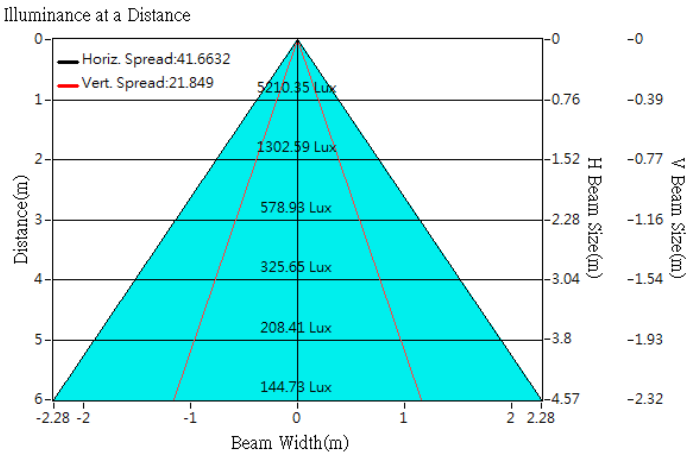
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	**Fortimo SLM 1208 L15 G6**		
LES / LED Size	Φ 15 mm		
FWHM (D50)	22°x42°		
Field Angle (D10)	45°x80°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2436 lm	Measured @ 26.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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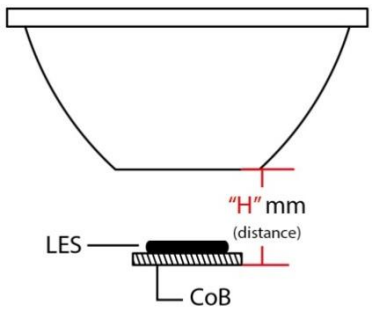
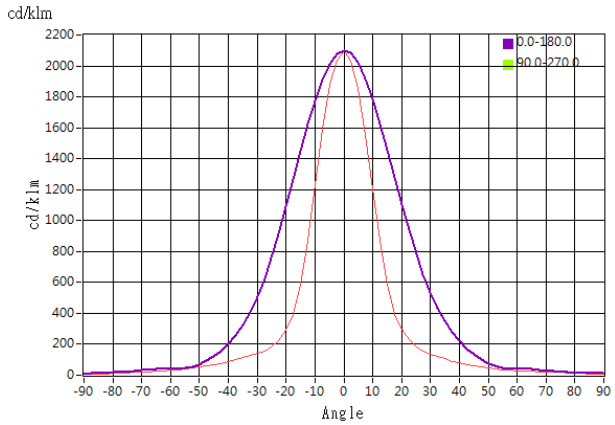
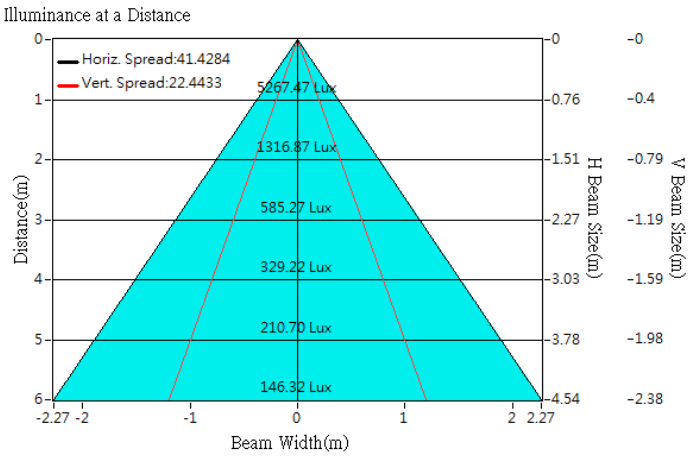
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size	Φ 15 mm		
FWHM (D50)	22°x41°		
Field Angle (D10)	47°x80°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2512 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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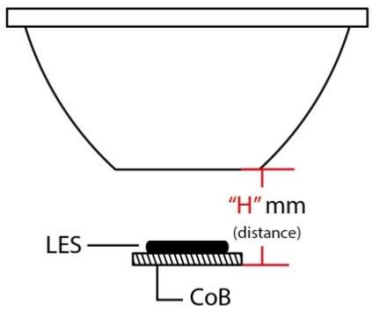
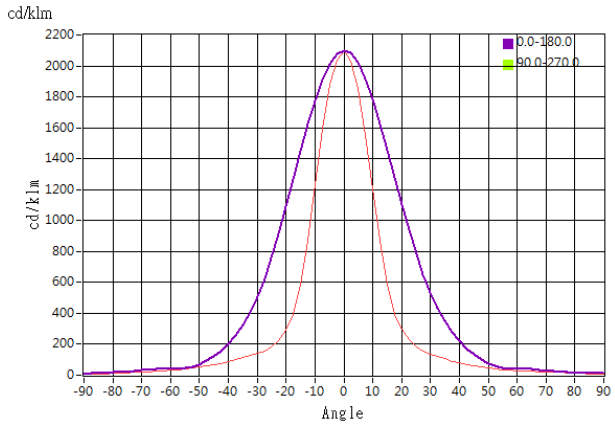
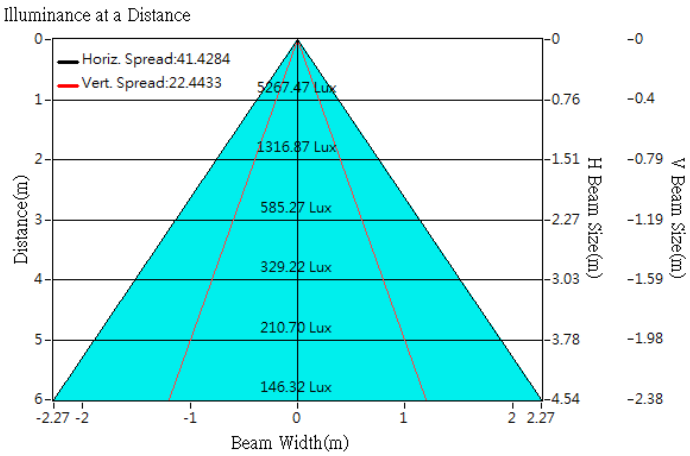
Optical Characteristics

Model Number	CKO-SA15-060027-4207		"H" definition
LED	Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size	Φ 15 mm		
FWHM (D50)	22°x41°		
Field Angle (D10)	47°x80°		
H (distance)	3.5 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2512 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



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