



Product Model Number

CKO-CH17-075041-0301

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

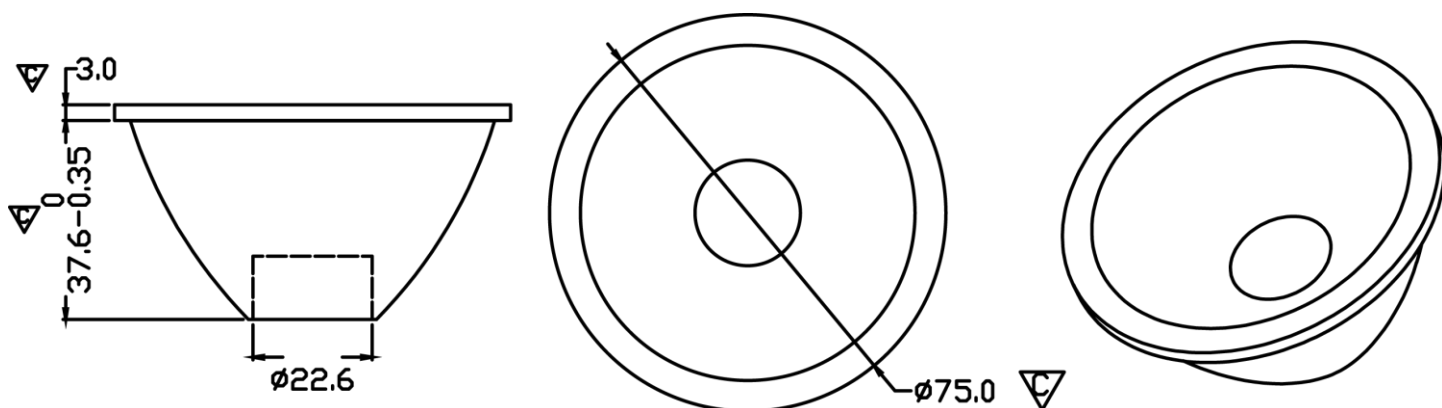


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ 75 x 40.6



▽:Critical Dimension



✓ **Optical Characteristics – Angle Performances**

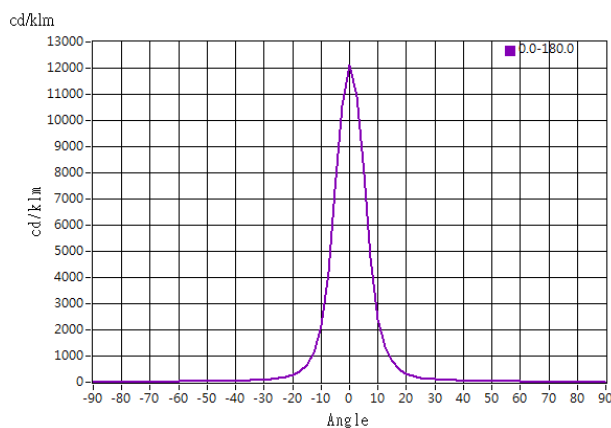
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6	Φ9	12°	25°
Fortimo SLM C 1203 L09 1619 G6_DL	Φ9	12°	25°
Fortimo SLM C 1203 L09 1619 G6_PI	Φ9	12°	25°
Fortimo SLM 1204 L09 G7	Φ9	11°	24°
Fortimo SLM C 1204 L09 1619 G7_DL	Φ9	12°	24°
Fortimo SLM C 1204 L09 1619 G7_PI	Φ9	12°	24°
Fortimo SLM 1205 L13 G6	Φ13	16°	37°
Fortimo SLM C 1205 L13 2024 G6_DL	Φ13	17°	34°
Fortimo SLM C 1205 L13 2024 G6_PI	Φ13	17°	34°
Fortimo SLM 830 1205 L13 G7	Φ13	16°	36°
Fortimo SLM C 830 1205 L13 2024 G7_DL	Φ13	16°	35°
Fortimo SLM C 830 1205 L13 2024 G7_PI	Φ13	16°	35°
Fortimo SLM 1208 L15 G6	Φ15	18°	40°
Fortimo SLM C 1208 L15 2024 G6_DL	Φ15	17°	39°
Fortimo SLM C 1208 L15 2024 G6_PI	Φ15	17°	39°
Fortimo SLM 1208 L15 G7	Φ15	18°	41°
Fortimo SLM 1211 L19 G6	Φ19	22°	50°
Fortimo SLM 1211 L19 G6_DL	Φ19	22°	48°
Fortimo SLM 1211 L19 G6_PI	Φ19	22°	48°
Fortimo SLM 1216 L23 G6	Φ23	26°	60°
Fortimo SLM 1216 L23 G6_DL	Φ23	25°	57°
Fortimo SLM 1216 L23 G6_PI	Φ23	25°	57°



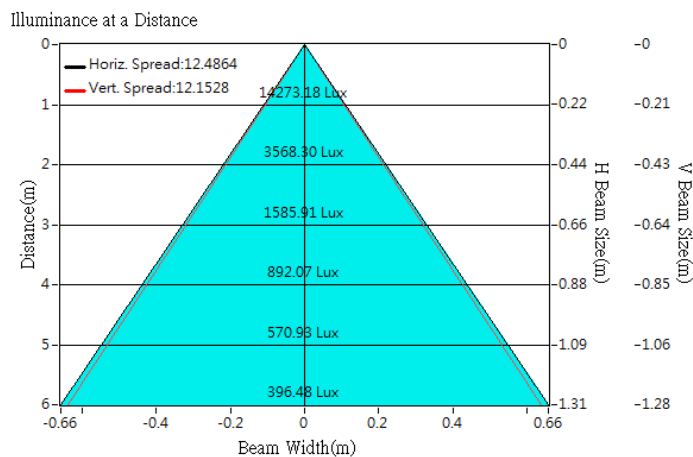
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1176 lm	Measured @ 10.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

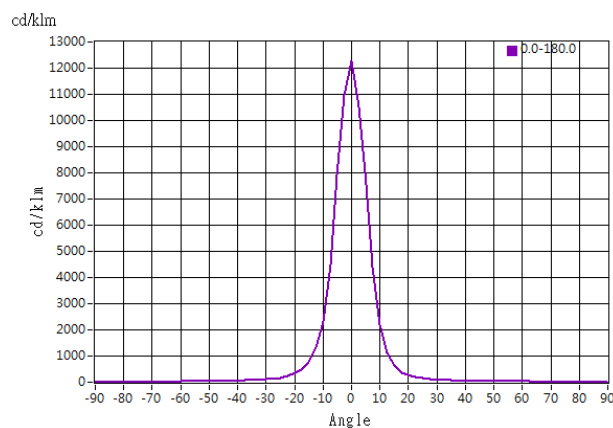




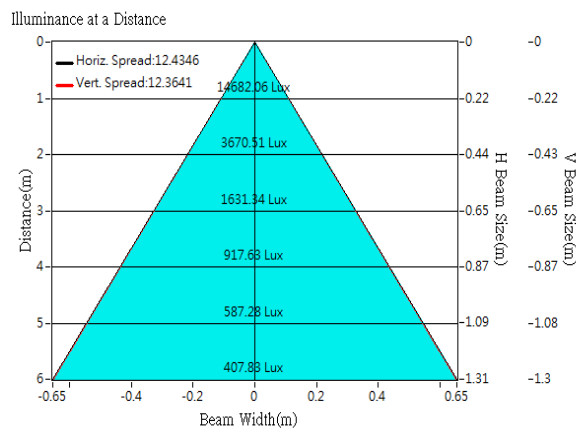
Optical Characteristics

Model Number	CKO-CH17-075041-0301		“H” definition
LED	Fortimo SLM C 1203 L09 1619 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1197 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

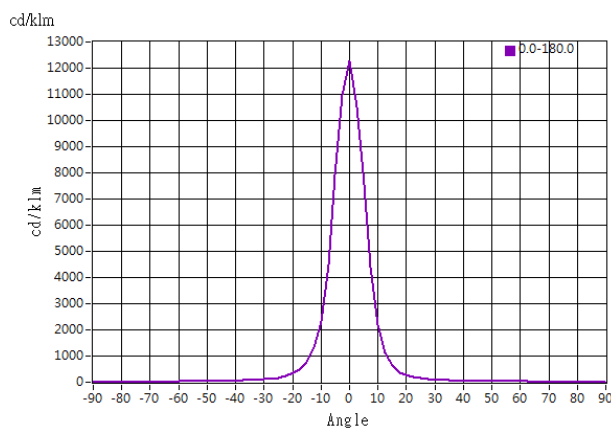




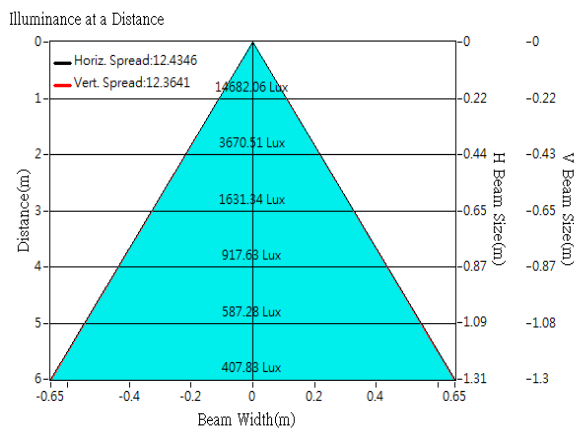
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM C 1203 L09 1619 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	12°		
Field Angle (D10)	25°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1197 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

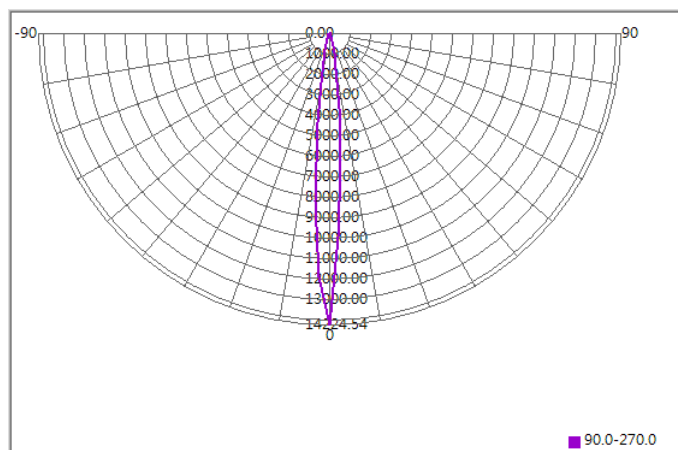




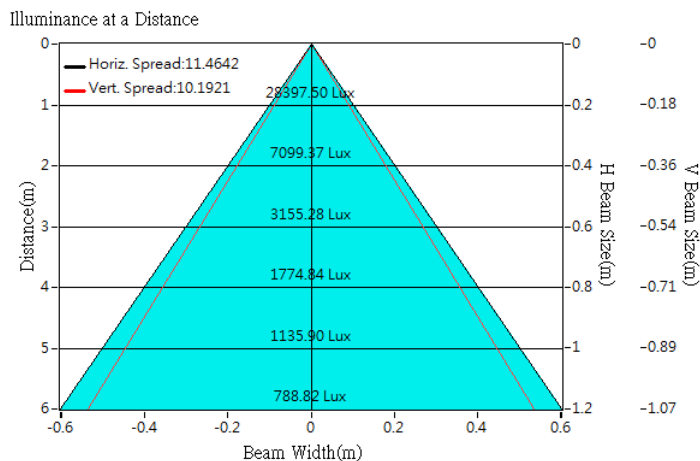
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	11°		
Field Angle (D10)	24°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1996 lm	Measured @ 24.2 W	
Material	PC / UL94V2		

cd/klm

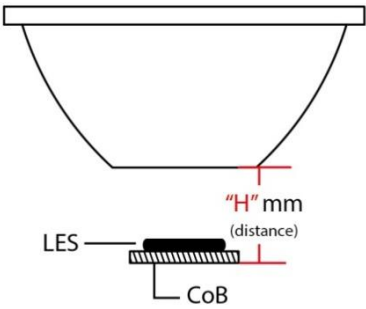


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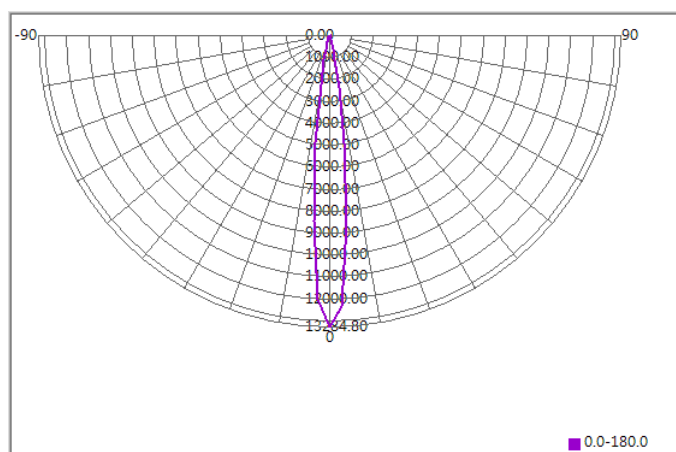




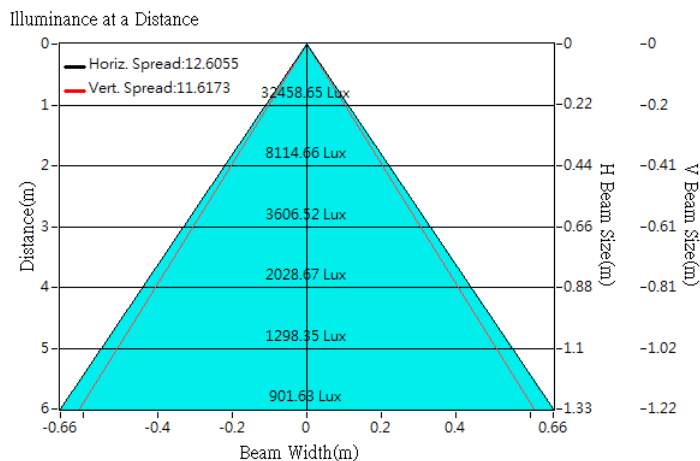
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM C 1204 L09 1619 G7_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	12°		
Field Angle (D10)	24°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2443 lm	Measured @ 25.5 W	
Material	PC / UL94V2		

cd/klm

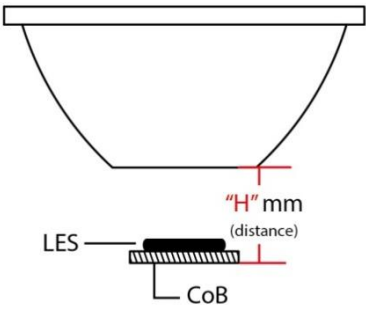


Illuminance At Distances

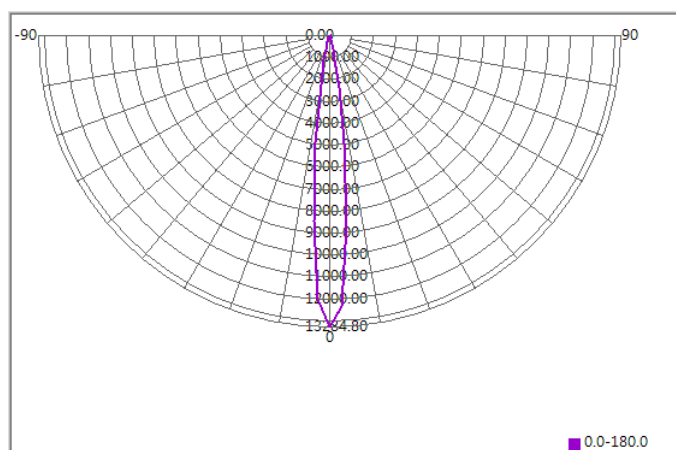




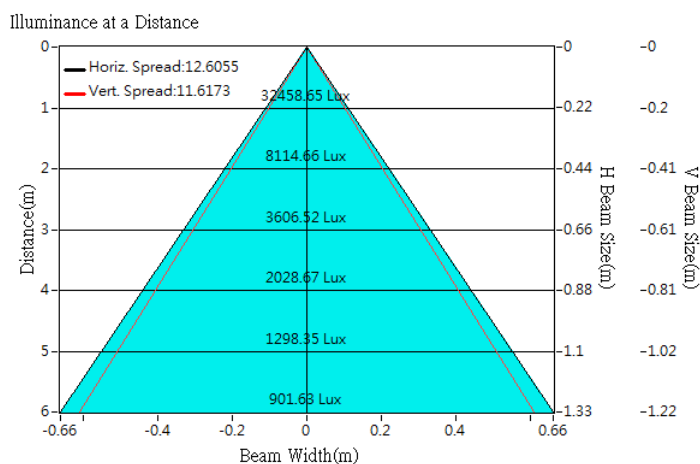
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM C 1204 L09 1619 G7_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	12°		
Field Angle (D10)	24°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2443 lm	Measured @ 25.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

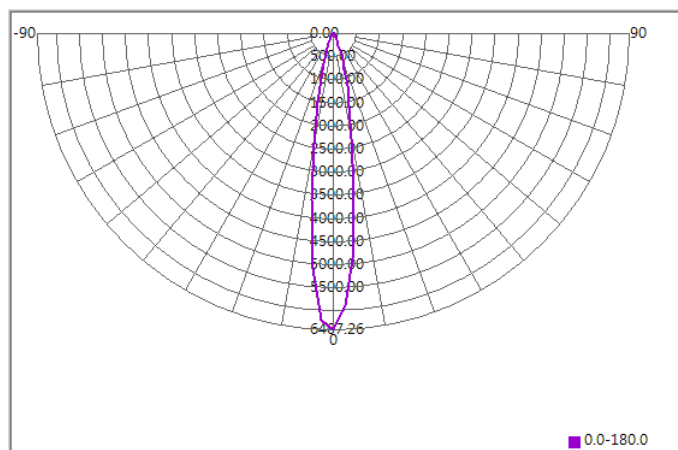




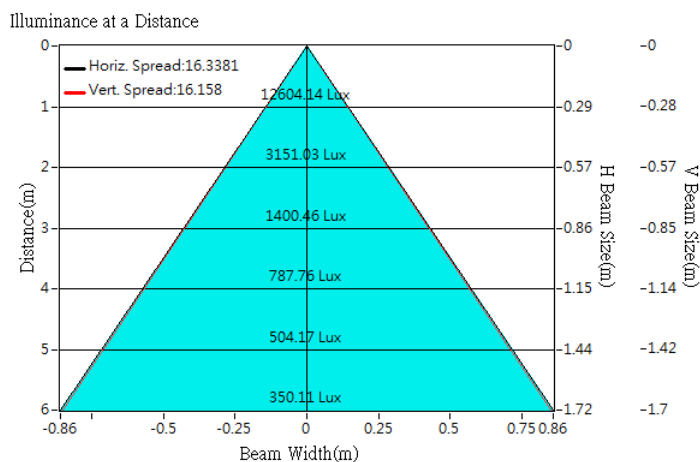
Optical Characteristics

Model Number	CKO-CH17-075041-0301		"H" definition 
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	16°		
Field Angle (D10)	37°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1967 lm	Measured @ 17.6 W	
Material	PC / UL94V2		

cd/klm

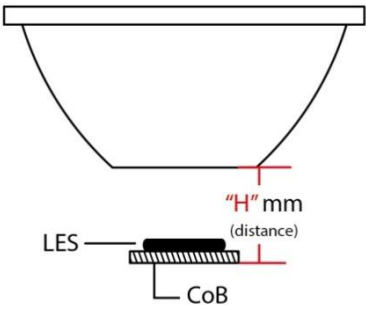


Illuminance At Distances

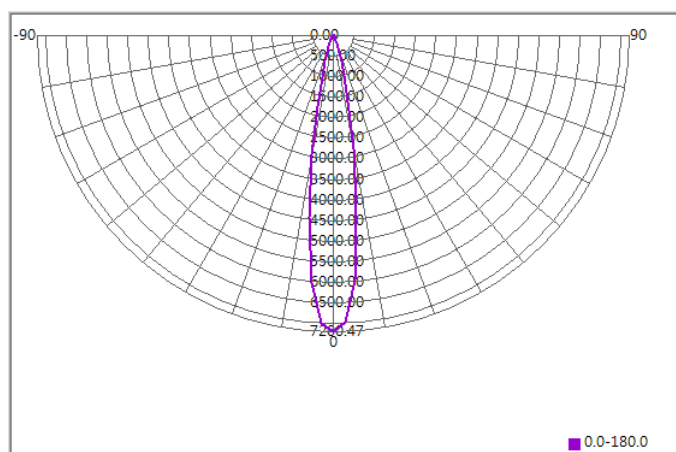




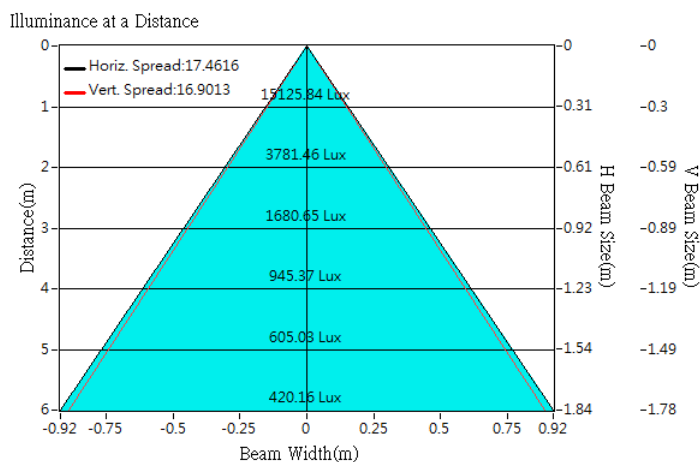
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	17°		
Field Angle (D10)	34°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2100 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm

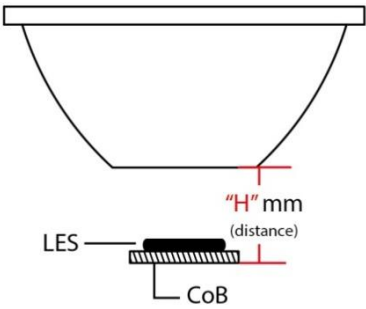


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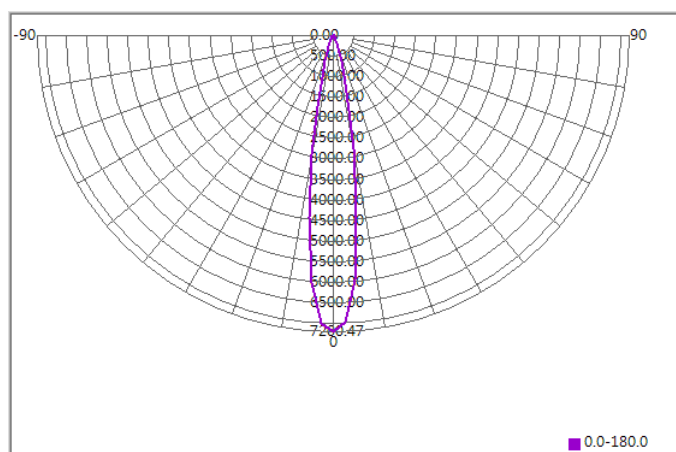




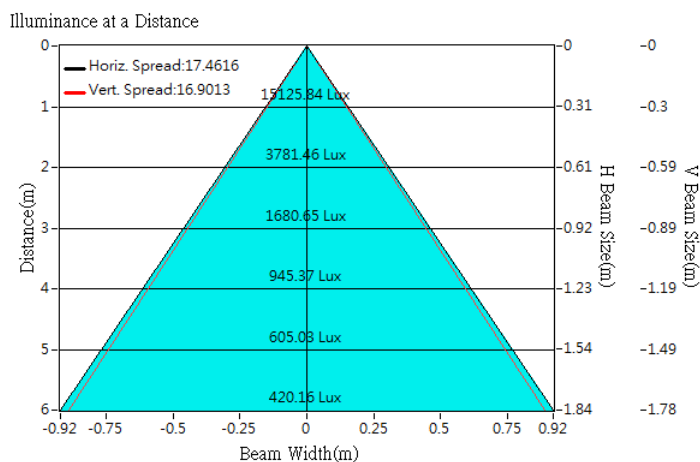
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	17°		
Field Angle (D10)	34°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2100 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm

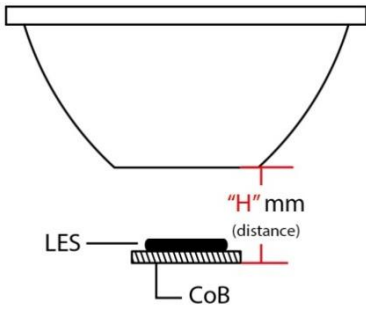


Illuminance At Distances

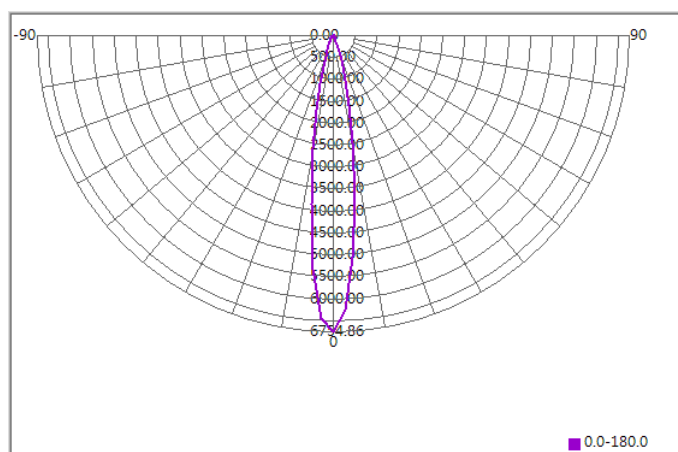




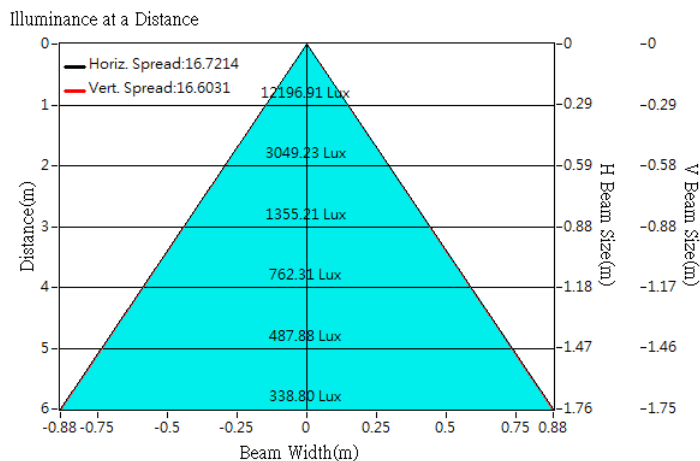
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM 830 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	16°		
Field Angle (D10)	36°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	1805 lm	Measured @ 17.3 W	
Material	PC / UL94V2		

cd/klm

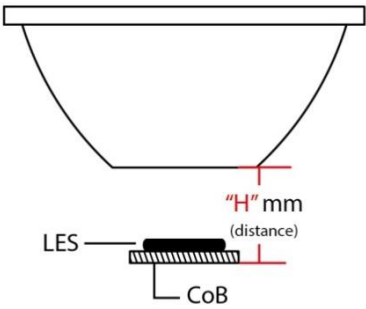


Illuminance At Distances

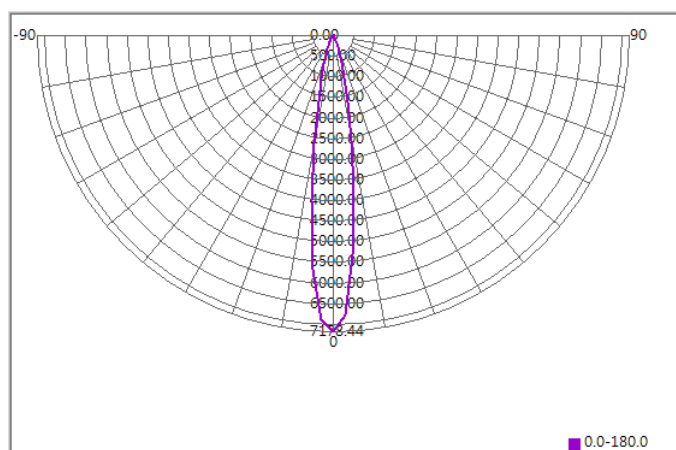




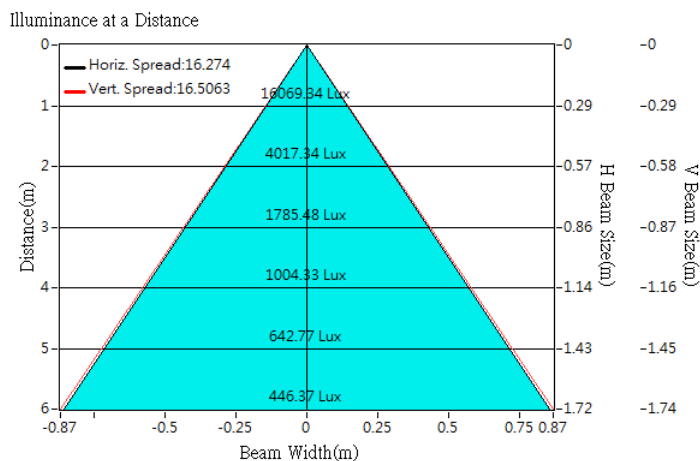
Optical Characteristics

Model Number		CKO-CH17-075041-0301		"H" definition
LED		Fortimo SLM C 830 1205 L13 2024 G7_DL		
LES / LED Size		Φ 13 mm		
FWHM (D50)		16°		
Field Angle (D10)		35°		
H (distance)		3.5 mm		
Dimension		Φ =75 mm, Thickness=40.6 mm		
Luminous Flux		2238 lm	Measured @ 16.1 W	
Material		PC / UL94V2		

cd/klm



Illuminance At Distances



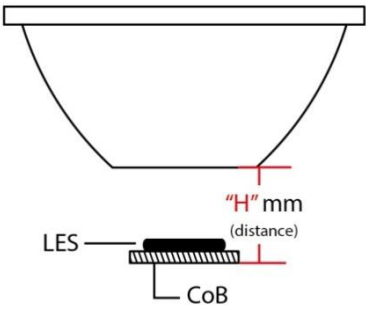
Chun Kuang Optics Corp.

2021/4/7

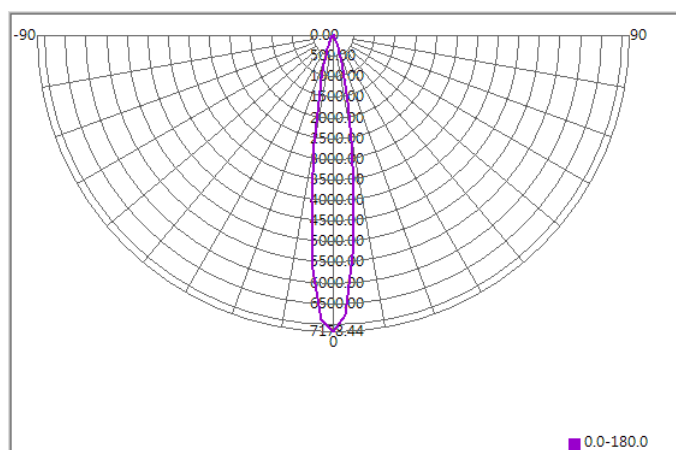
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com



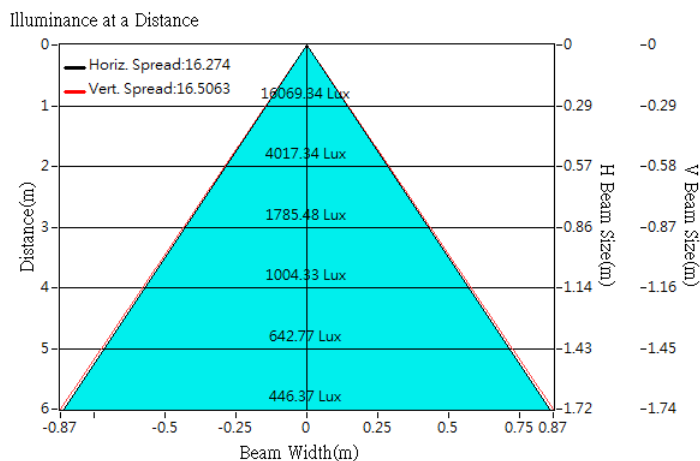
Optical Characteristics

Model Number	CKO-CH17-075041-0301		“H” definition 
LED	Fortimo SLM C 830 1205 L13 2024 G7_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	16°		
Field Angle (D10)	35°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2238 lm	Measured @ 16.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



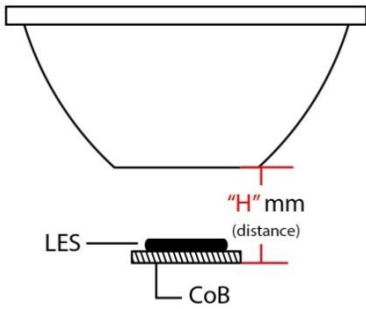
Chun Kuang Optics Corp.

2021/4/7

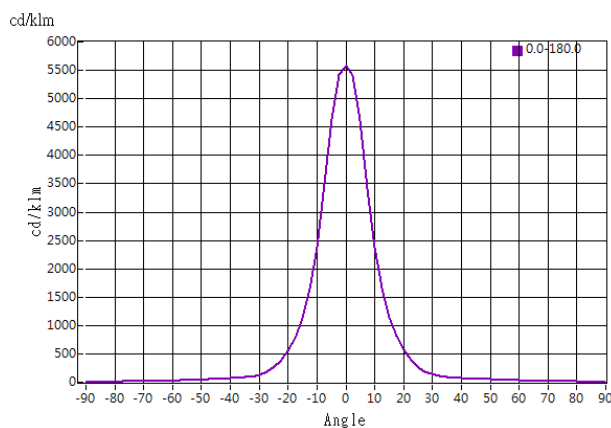
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com



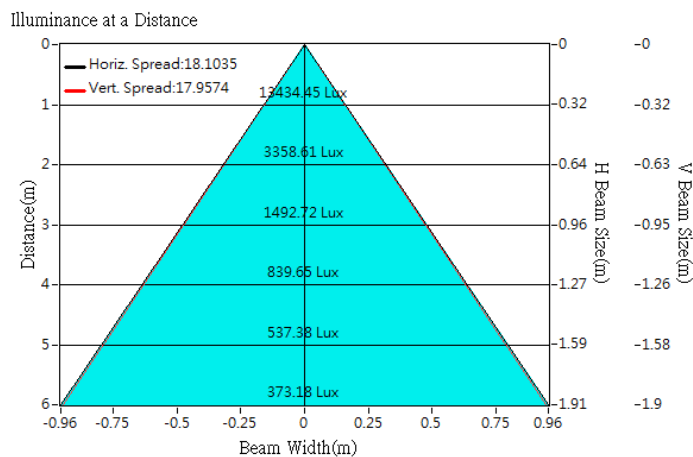
Optical Characteristics

Model Number	CKO-CH17-075041-0301		"H" definition 
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	18°		
Field Angle (D10)	40°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2409 lm	Measured @ 26.9 W	
Material	PC / UL94V2		

cd/klm

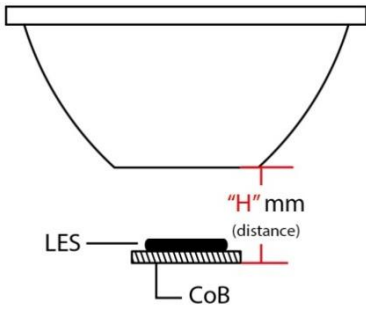


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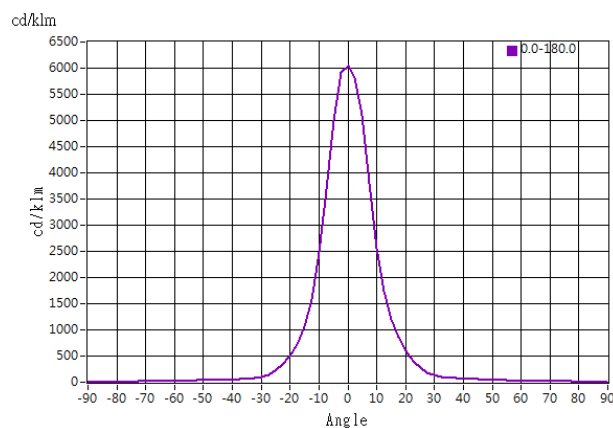




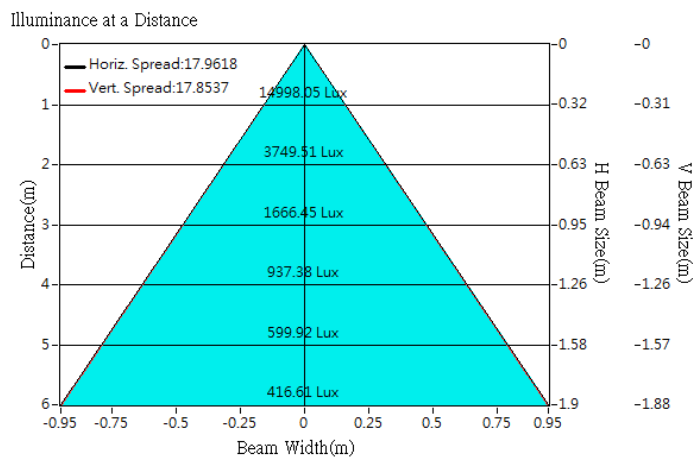
Optical Characteristics

Model Number		CKO-CH17-075041-0301		"H" definition
LED		Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size		Φ 15 mm		
FWHM (D50)		17°		
Field Angle (D10)		39°		
H (distance)		3.5 mm		
Dimension		Φ =75 mm, Thickness=40.6 mm		
Luminous Flux		2483 lm	Measured @ 26.8 W	
Material		PC / UL94V2		

cd/klm

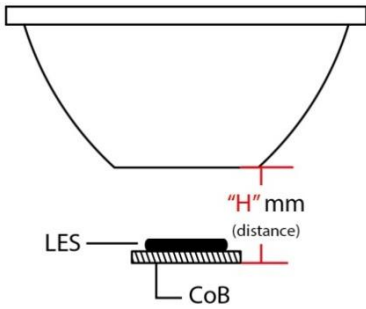


Illuminance At Distances

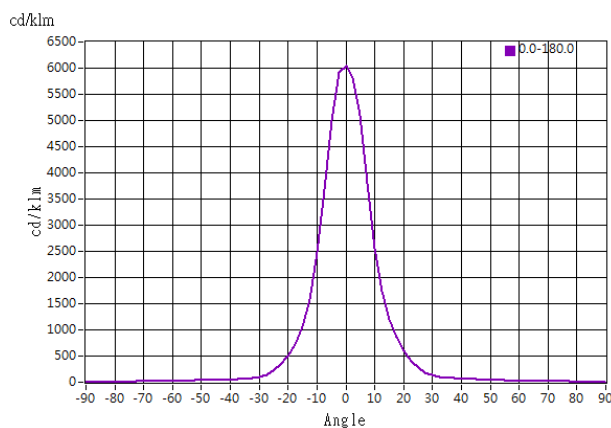




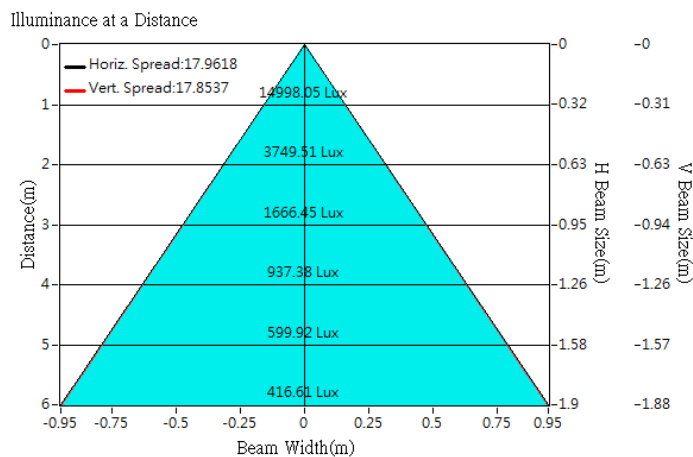
Optical Characteristics

Model Number		CKO-CH17-075041-0301		"H" definition
LED		Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size		Φ 15 mm		
FWHM (D50)		17°		
Field Angle (D10)		39°		
H (distance)		3.5 mm		
Dimension		Φ =75 mm, Thickness=40.6 mm		
Luminous Flux		2483 lm	Measured @ 26.8 W	
Material		PC / UL94V2		

cd/klm

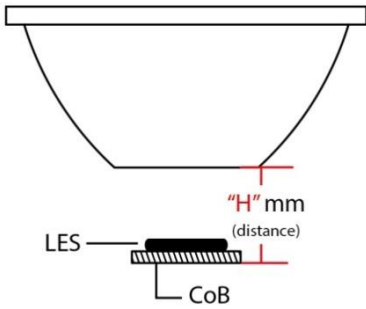


Illuminance At Distances

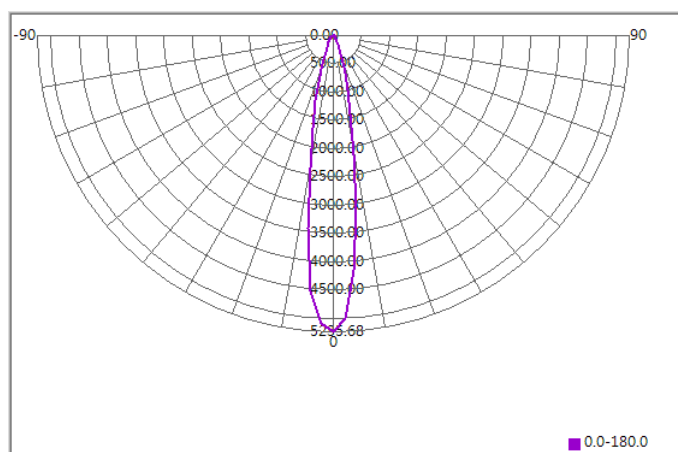




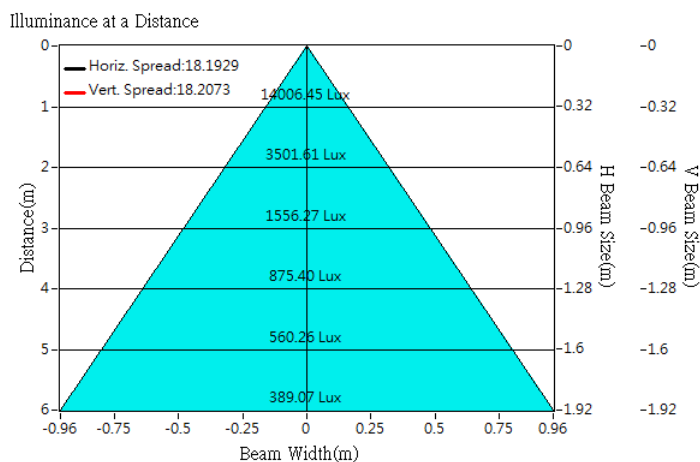
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	18°		
Field Angle (D10)	41°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	2675 lm	Measured @ 26.4 W	
Material	PC / UL94V2		

cd/klm

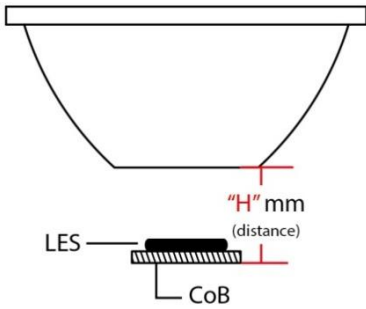


Illuminance At Distances

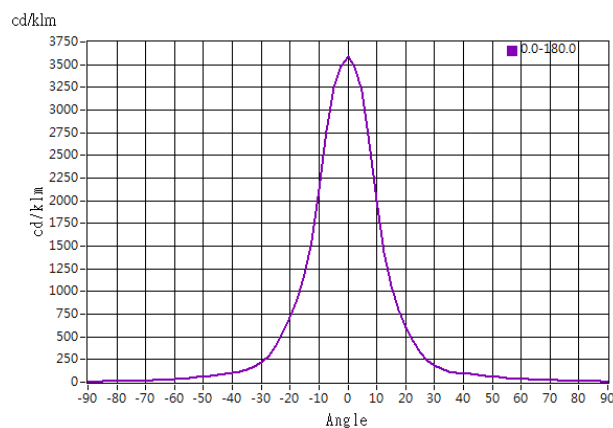




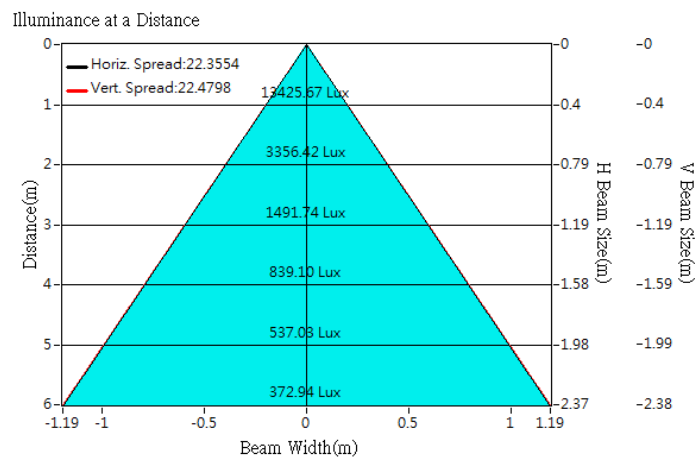
Optical Characteristics

Model Number	CKO-CH17-075041-0301		“H” definition 
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	22°		
Field Angle (D10)	50°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	3739 lm	Measured @ 33.7 W	
Material	PC / UL94V2		

cd/klm

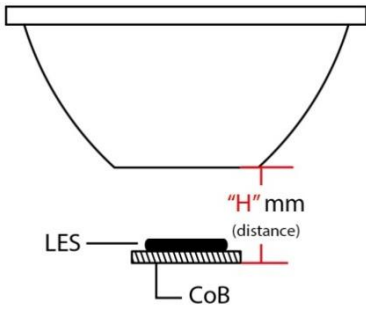


Illuminance At Distances

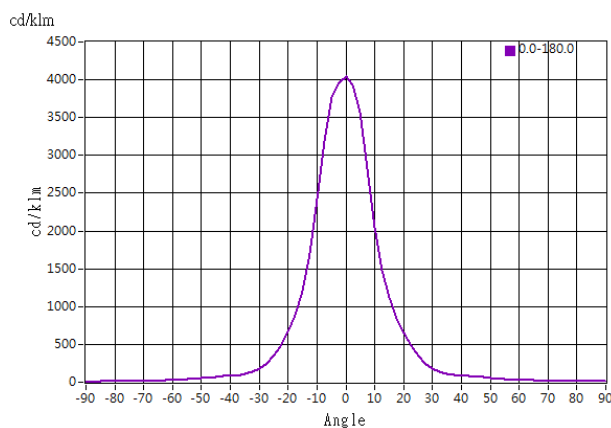




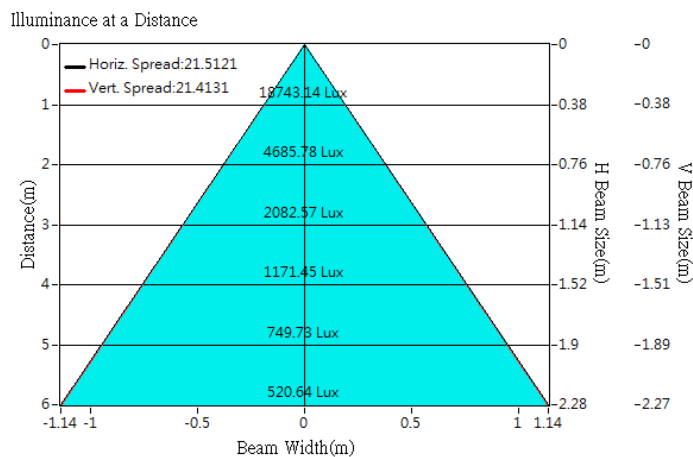
Optical Characteristics

Model Number		CKO-CH17-075041-0301		"H" definition
LED		Fortimo SLM C 1211 L19 2828 G6_DL		
LES / LED Size		Φ 19 mm		
FWHM (D50)		22°		
Field Angle (D10)		48°		
H (distance)		3.5 mm		
Dimension		Φ =75 mm, Thickness=40.6 mm		
Luminous Flux		4642 lm	Measured @ 44.12 W	
Material		PC / UL94V2		

cd/klm

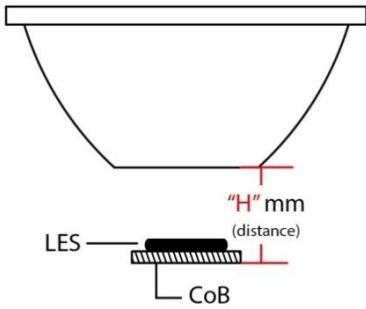


Illuminance At Distances

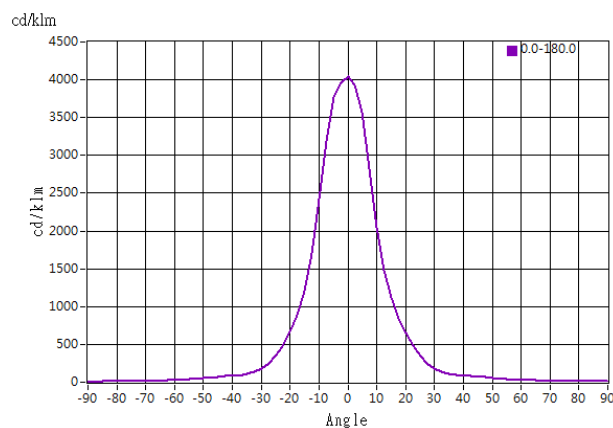




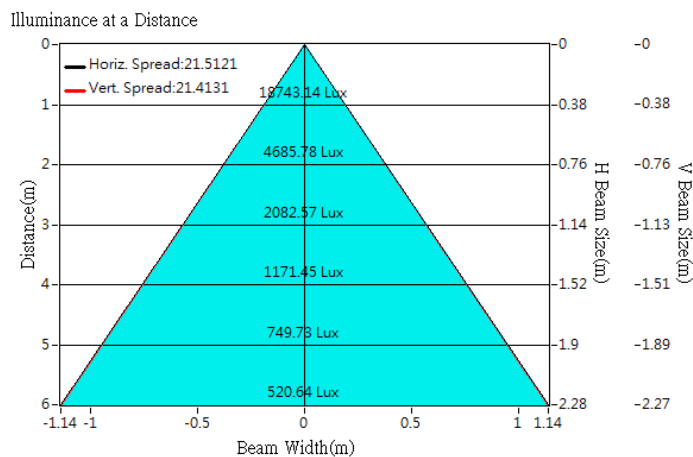
Optical Characteristics

Model Number		CKO-CH17-075041-0301		"H" definition
LED		Fortimo SLM C 1211 L19 2828 G6_PI		
LES / LED Size		Φ 19 mm		
FWHM (D50)		22°		
Field Angle (D10)		48°		
H (distance)		3.5 mm		
Dimension		Φ =75 mm, Thickness=40.6 mm		
Luminous Flux		4642 lm	Measured @ 44.12 W	
Material		PC / UL94V2		

cd/klm

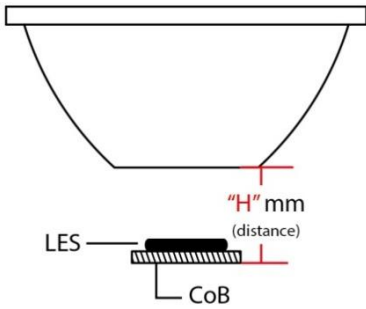


Illuminance At Distances

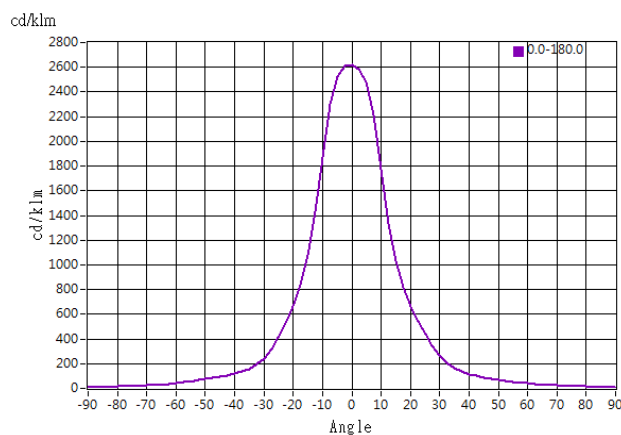




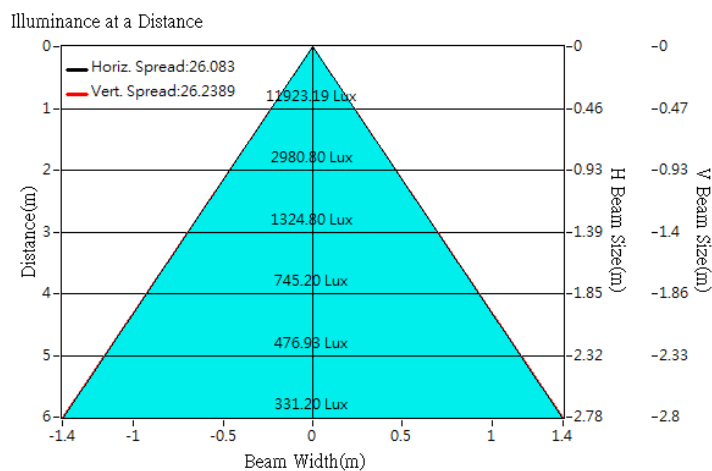
Optical Characteristics

Model Number	CKO-CH17-075041-0301		
LED	Fortimo SLM 1216 L23 G6		
LES / LED Size	Φ 23 mm		
FWHM (D50)	26°		
Field Angle (D10)	60°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	4556 lm	Measured @ 42.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

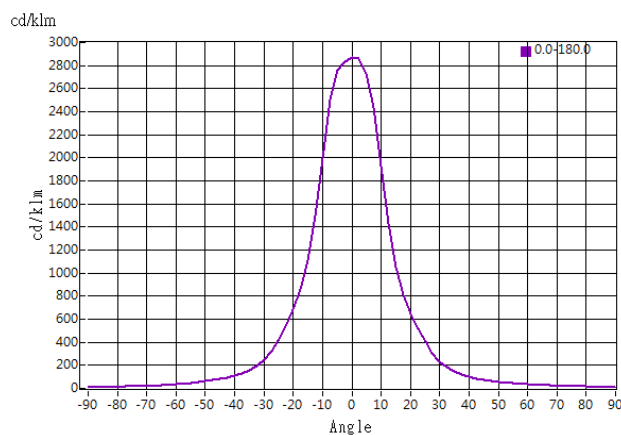




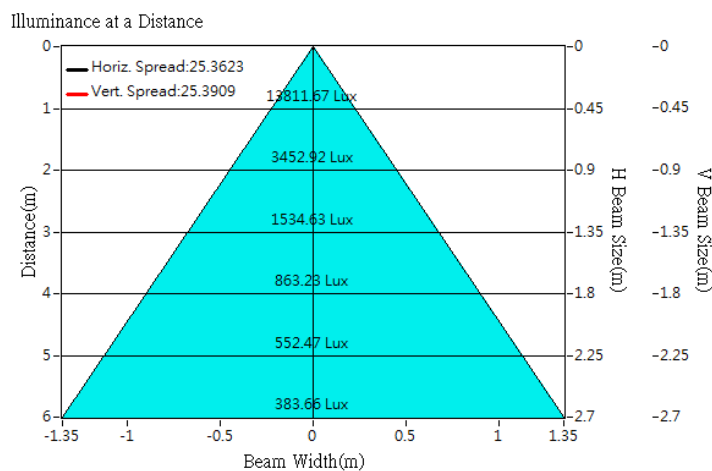
Optical Characteristics

Model Number	CKO-CH17-075041-0301		“H” definition LES CoB “H” mm (distance)
LED	Fortimo SLM 1216 L23 G6_DL		
LES / LED Size	Φ 23 mm		
FWHM (D50)	25°		
Field Angle (D10)	57°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	4809 lm	Measured @ 42.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

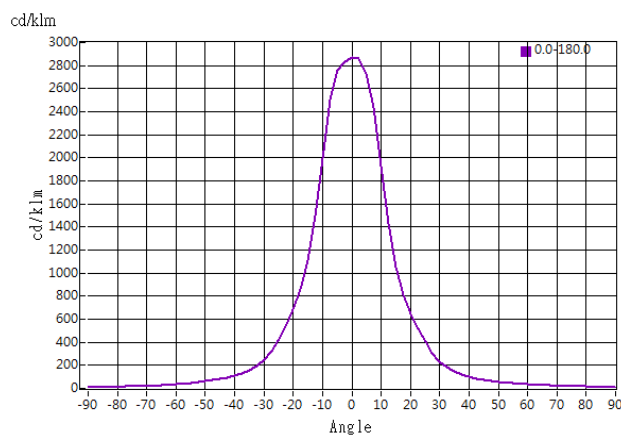




Optical Characteristics

Model Number	CKO-CH17-075041-0301		"H" definition
LED	Fortimo SLM 1216 L23 G6_PI		
LES / LED Size	Φ 23 mm		
FWHM (D50)	25°		
Field Angle (D10)	57°		
H (distance)	3.5 mm		
Dimension	Φ =75 mm, Thickness=40.6 mm		
Luminous Flux	4809 lm	Measured @ 42.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

