



Product Model Number

CKO-CH15-075033-4407

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

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(A)

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(B)

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(C)

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(D)

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(E)

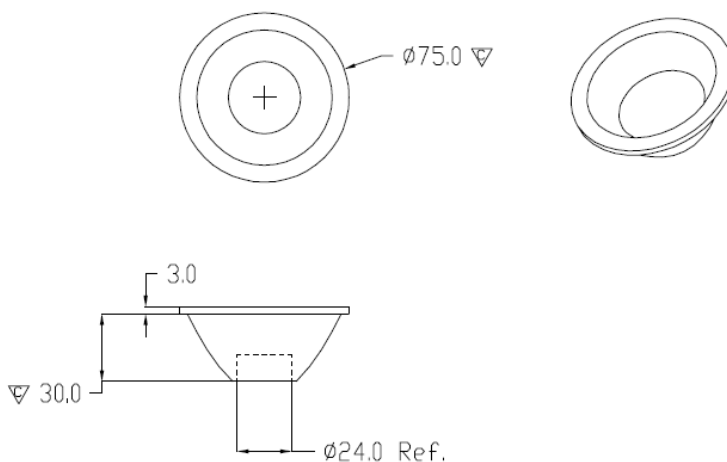


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ75 x 33



▽:Critical Dimension

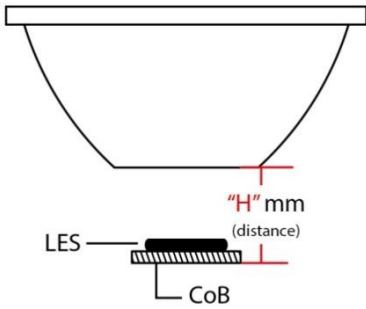


✓ **Optical Characteristics – Angle Performances**

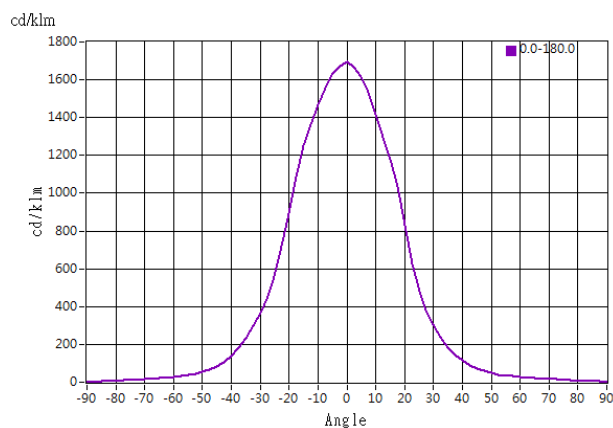
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6	Φ9	40°	74°
Fortimo SLM 1203 L09 G6_DL	Φ9	40°	75°
Fortimo SLM 1203 L09 G6_PI	Φ9	40°	75°
Fortimo SLM PW 1204 L09 G7	Φ9	40°	75°
Fortimo SLM 1201 L09 G7N	Φ9.8	40°	75°
Fortimo SLM 1202 L09 G7N	Φ9.8	40°	75°
Fortimo SLM 1203 L09 G7N	Φ9.8	40°	75°
Fortimo SLM 1204 L09 G7N	Φ9.8	40°	74°
Fortimo SLM 1205 L13 G7	Φ13	43°	80°
Fortimo SLM PW 1205 L13 G6	Φ13	42°	79°
Fortimo SLM PW 1205 L13 G6_DL	Φ13	42°	79°
Fortimo SLM PW 1205 L13 G6_PI	Φ13	42°	79°
Fortimo SLM 1205 L15 G7N	Φ14.5	43°	79°
Fortimo SLM 1206 L15 G7N	Φ14.5	43°	80°
Fortimo SLM 1208 L15 G7N	Φ14.5	44°	81°
Fortimo SLM 1210 L15 G7N	Φ14.5	46°	82°
Fortimo SLM 1208 L15 G7	Φ15	44°	81°
Fortimo SLM 1208 L15 G6	Φ15	44°	80°
Fortimo SLM 1208 L15 G6_DL	Φ15	44°	81°
Fortimo SLM 1208 L15 G6_PI	Φ15	44°	81°
Fortimo SLM 1211 L19 G6	Φ19	48°	86°
Fortimo SLM 1211 L19 G6_DL	Φ19	48°	86°
Fortimo SLM 1211 L19 G6_PI	Φ19	48°	86°



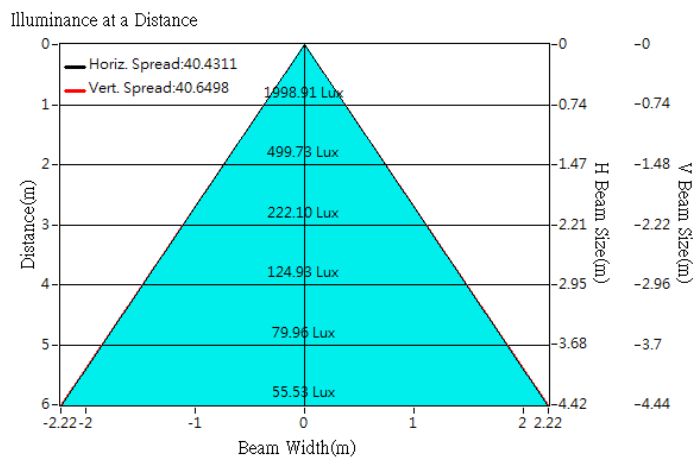
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°		
Field Angle (D10)	74°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1180 lm	Measured @ 10.5W	
Material	PC / UL94V2		

cd/klm

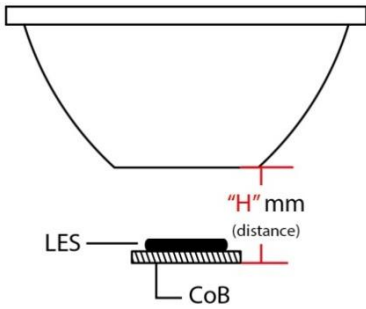


Illuminance At Distances

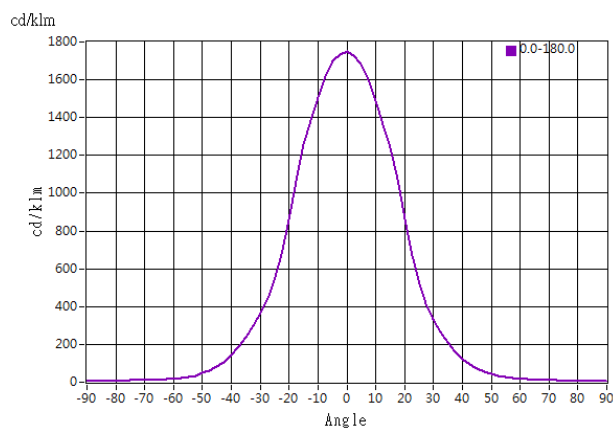




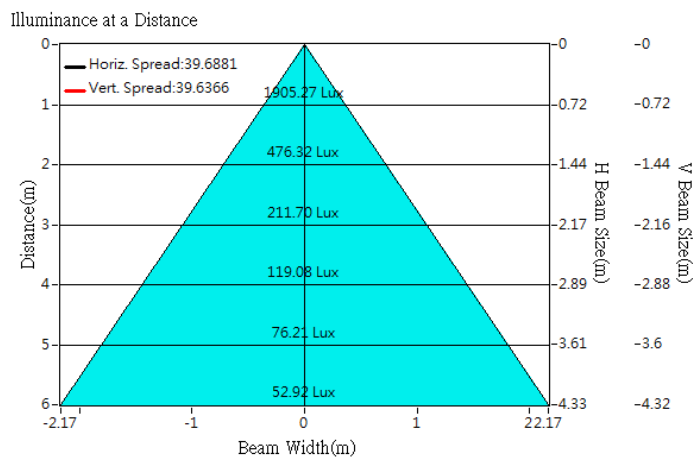
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1203 L09 1619 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1090 lm	Measured @10.4 W	
Material	PC / UL94V2		

cd/klm

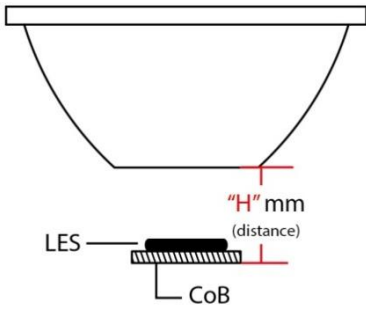


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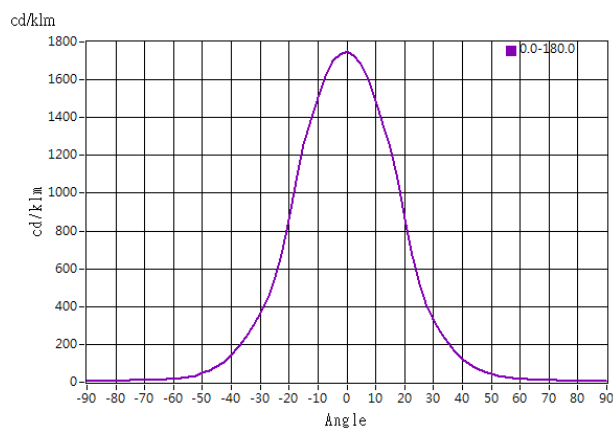




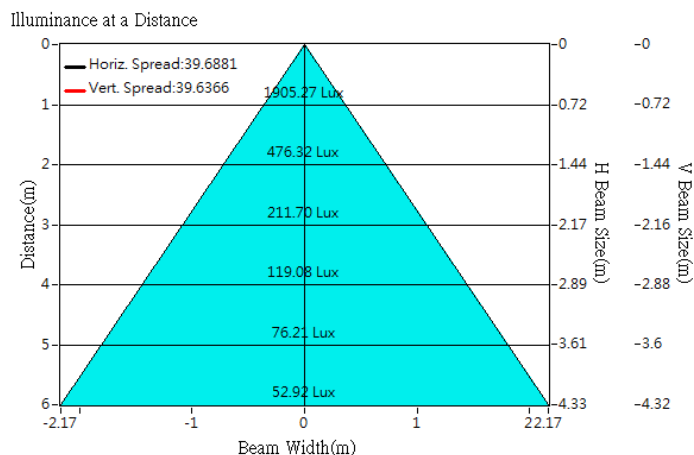
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1203 L09 1619 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1090 lm	Measured @10.4 W	
Material	PC / UL94V2		

cd/klm

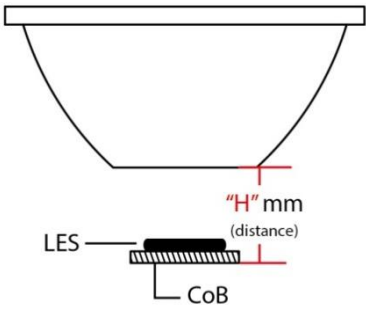


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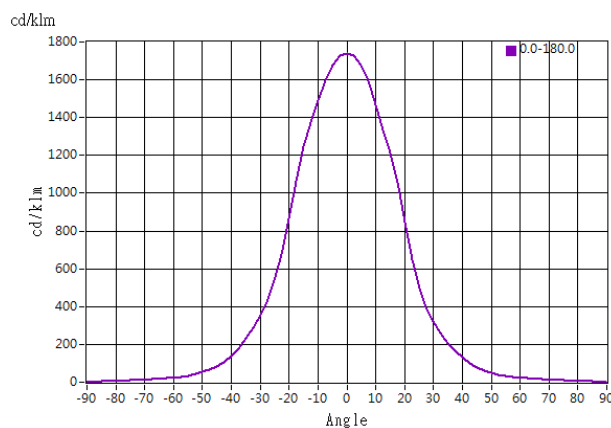




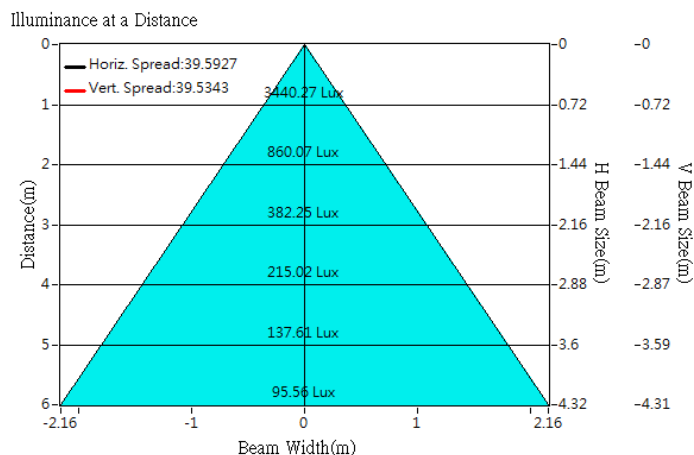
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1977 lm	Measured @21.6 W	
Material	PC / UL94V2		

cd/klm

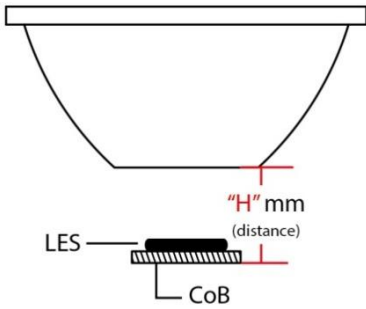


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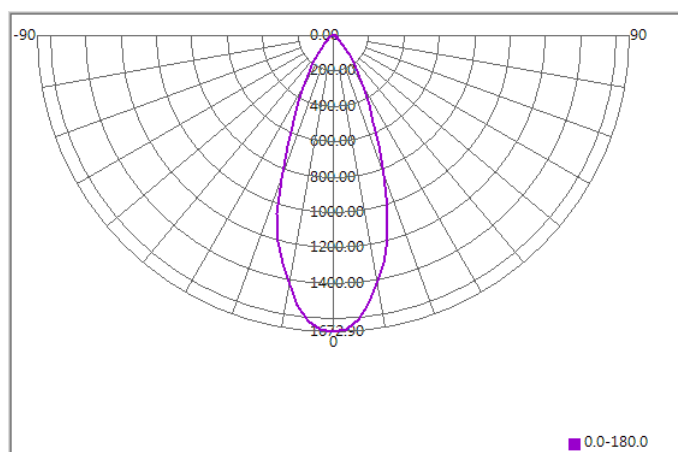




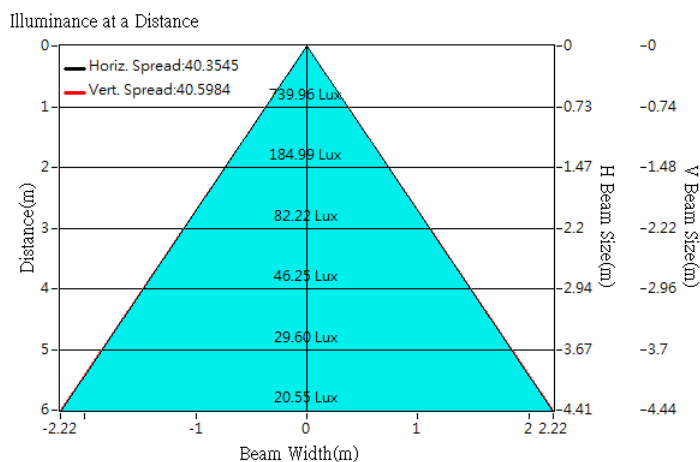
Optical Characteristics

Model Number	CKO-CH15-075033-4407		“H” definition 
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	442 lm	Measured @3.0W	
Material	PC / UL94V2		

cd/klm

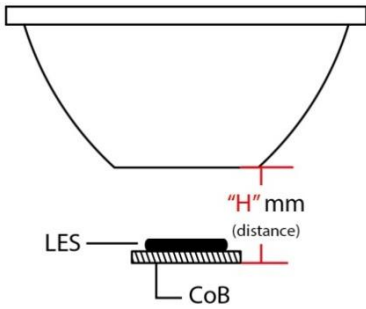


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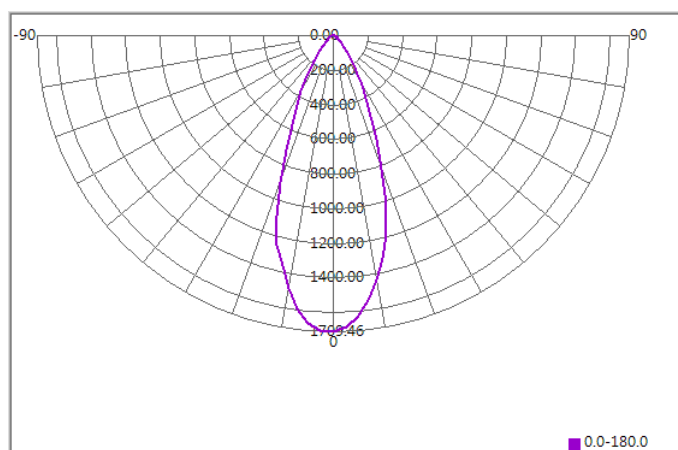




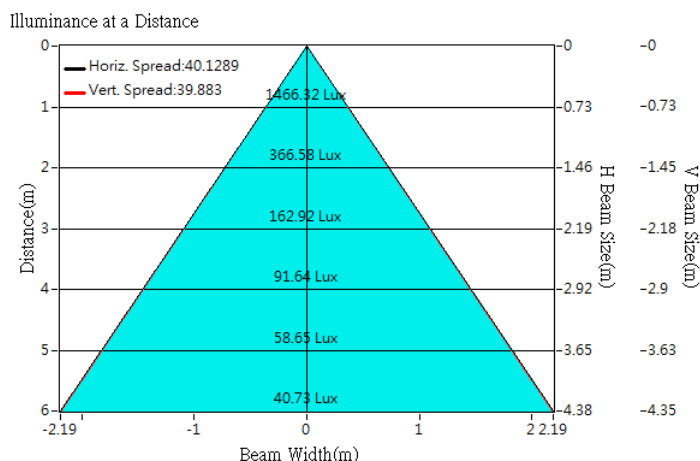
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	857 lm	Measured @6.1 W	
Material	PC / UL94V2		

cd/klm

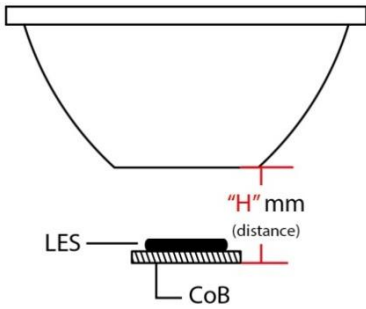


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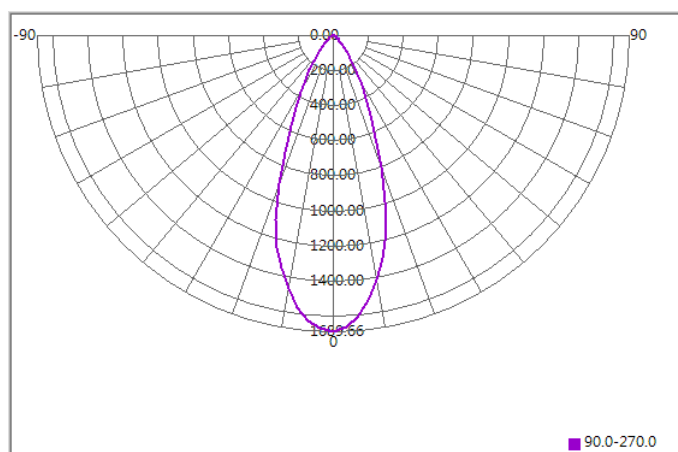




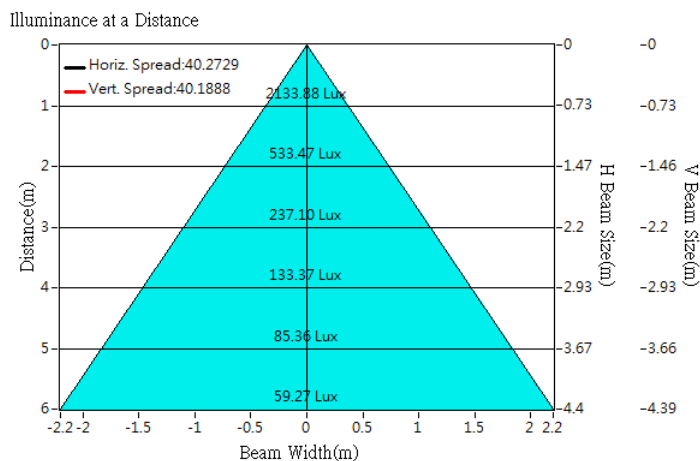
Optical Characteristics

Model Number	CKO-CH15-075033-4407		“H” definition 
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1262 lm	Measured @9.2 W	
Material	PC / UL94V2		

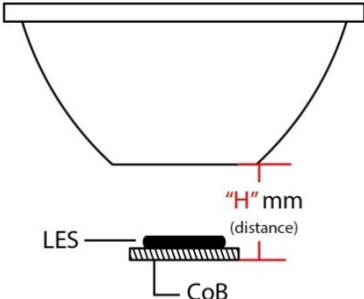
cd/klm



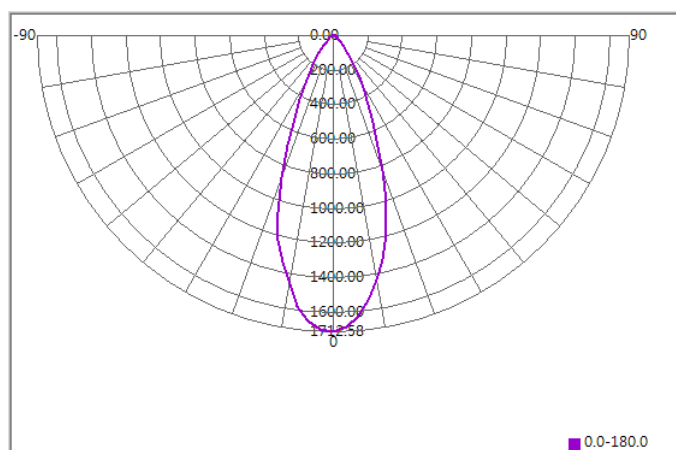
Illuminance At Distances



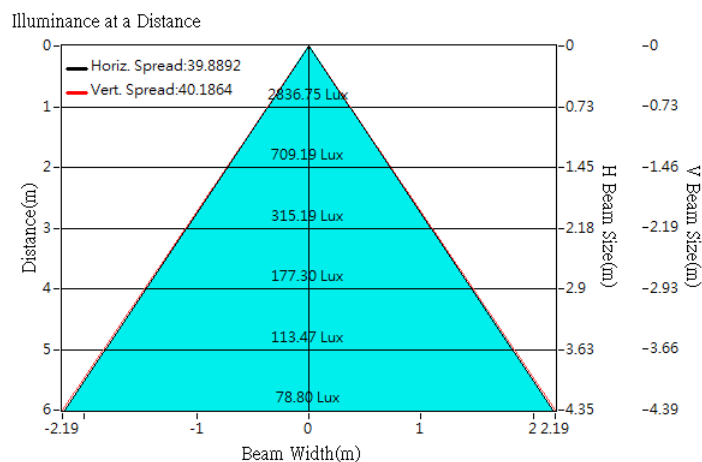
Optical Characteristics

Model Number	CKO-CH15-075033-4405		“H” definition 
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	40°		
Field Angle (D10)	74°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1656 lm	Measured @12.2W	
Material	PC / UL94V2		

cd/klm

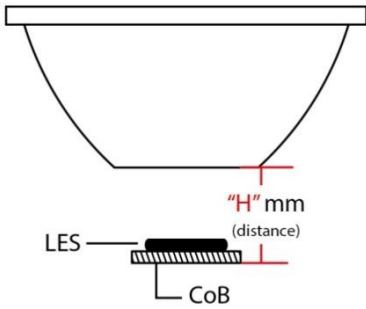


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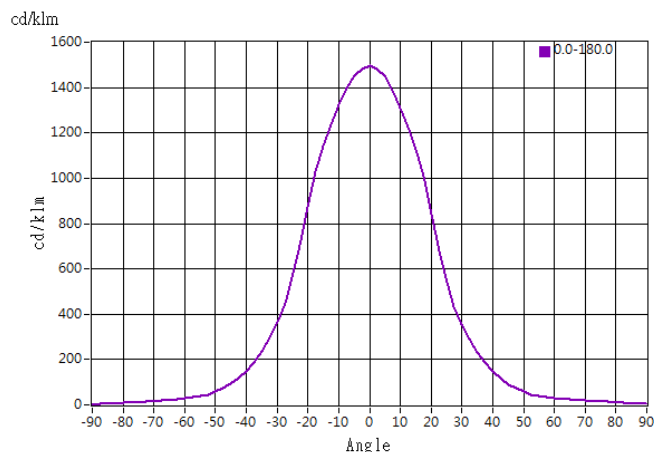




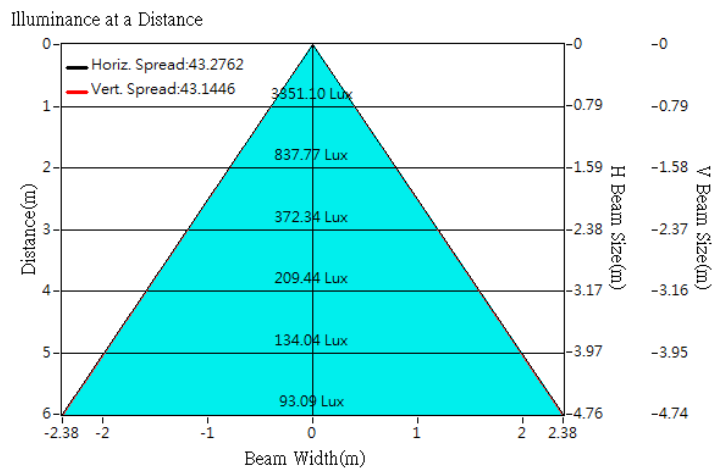
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM 830 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	43°		
Field Angle (D10)	80°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2242 lm	Measured @17.6 W	
Material	PC / UL94V2		

cd/klm

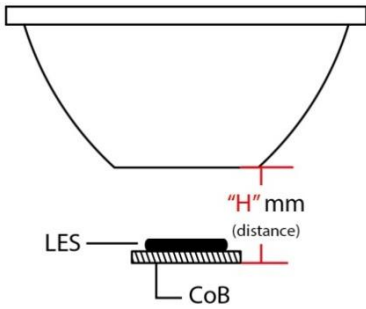


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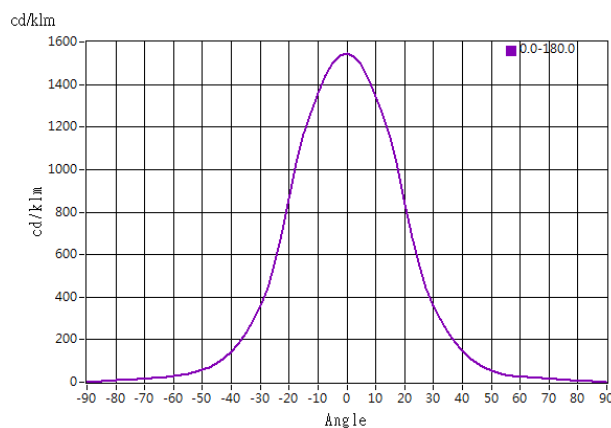




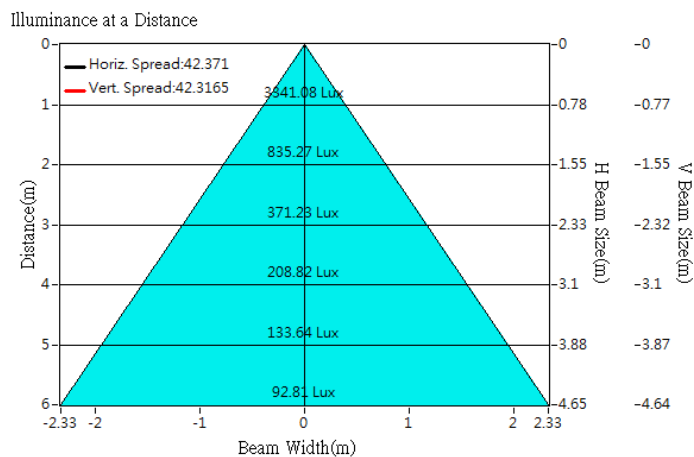
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	42°		
Field Angle (D10)	79°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2164 lm	Measured @17.4 W	
Material	PC / UL94V2		

cd/klm

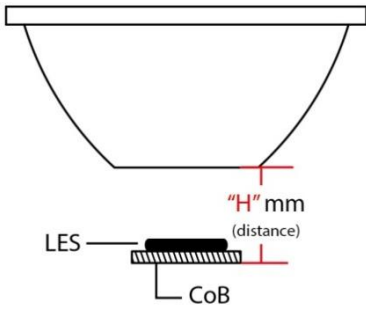


Illuminance At Distances

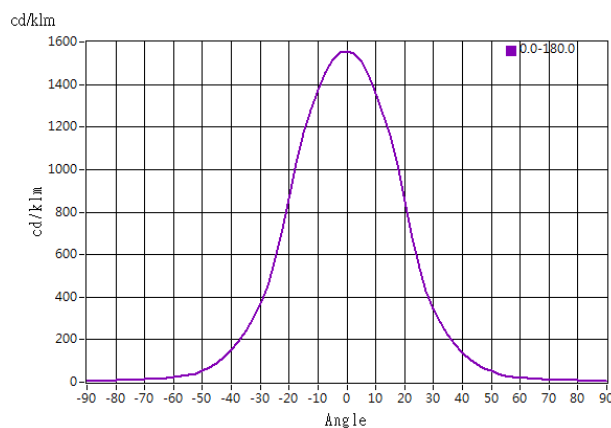




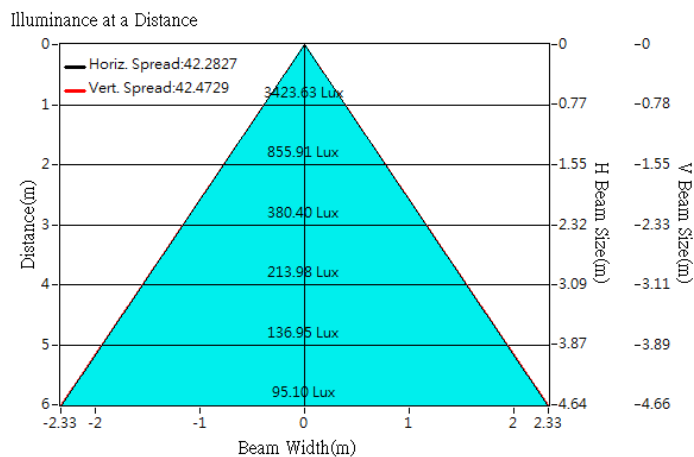
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	42°		
Field Angle (D10)	79°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2199 lm	Measured @17.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



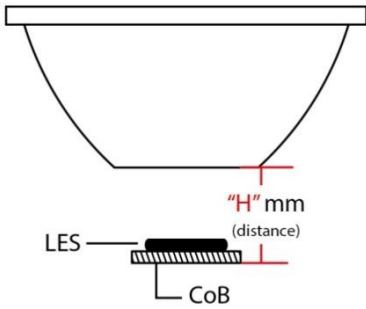
Chun Kuang Optics Corp.

2022/5/10

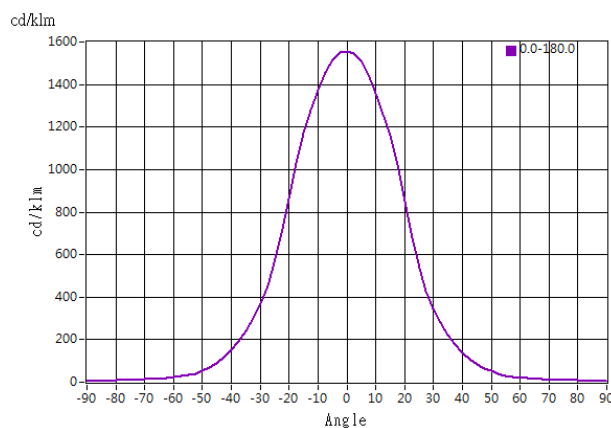
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com



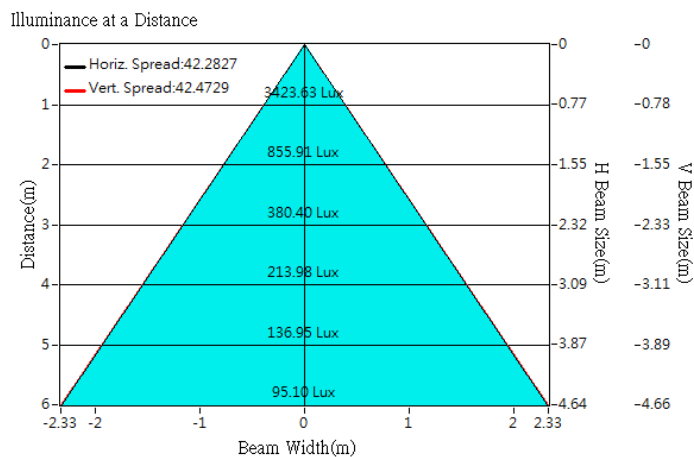
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	42°		
Field Angle (D10)	79°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2199 lm	Measured @17.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances



Chun Kuang Optics Corp.

2022/5/10

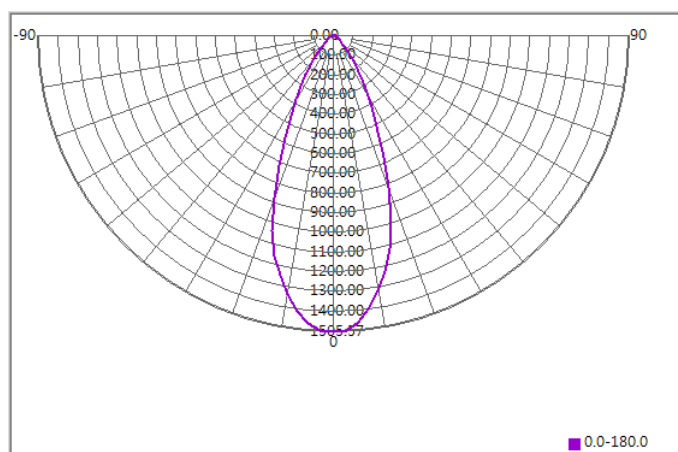
5F.,No. 122-8, Jhonghua Rd, Hukou Township, Hsinchu County 303 , Taiwan
TEL : +886-3-6960168 / FAX : +886-3-6960228 / E-mail: sales@ckoptics.com



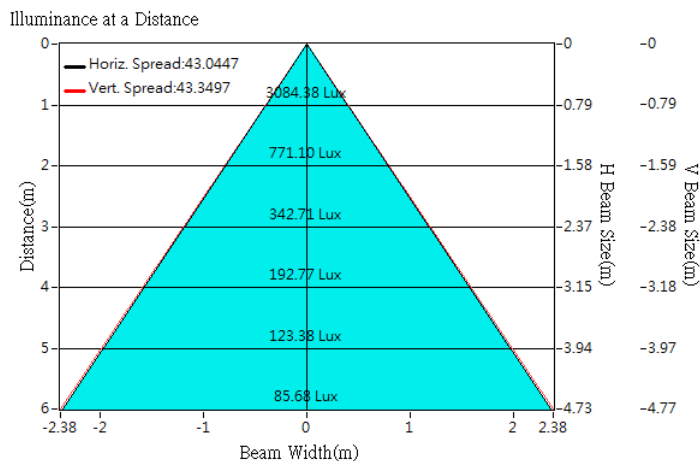
Optical Characteristics

Model Number	CKO-CH15-075033-4407		“H” definition
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	43°		
Field Angle (D10)	79°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2048 lm	Measured @15.4 W	
Material	PC / UL94V2		

cd/klm

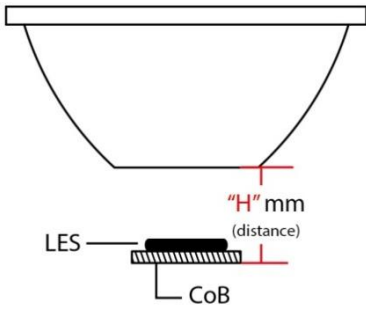


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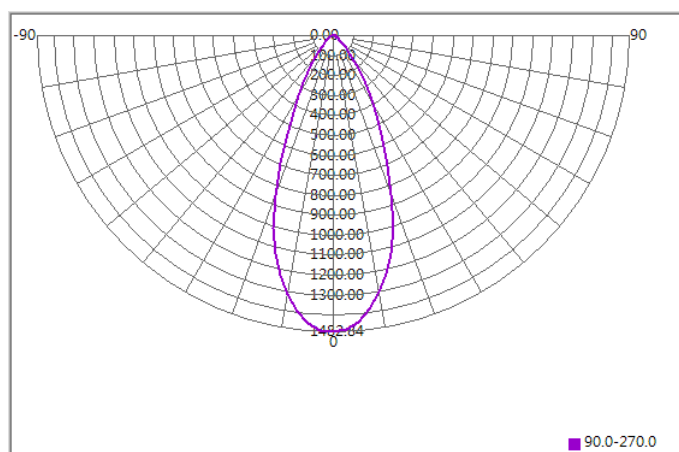




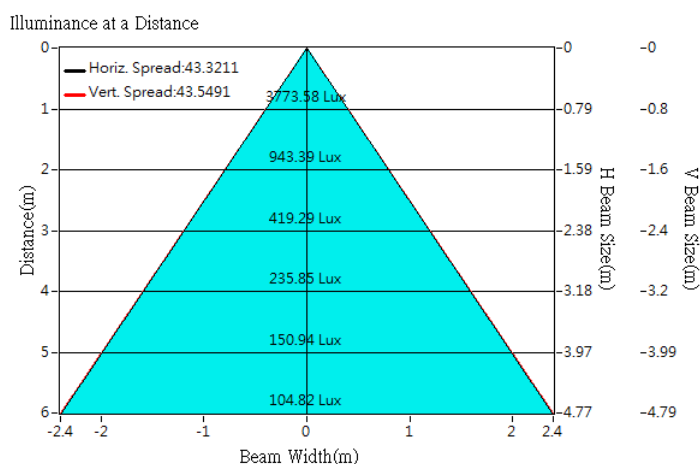
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition 
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	43°		
Field Angle (D10)	80°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2544 lm	Measured @18.5 W	
Material	PC / UL94V2		

cd/klm

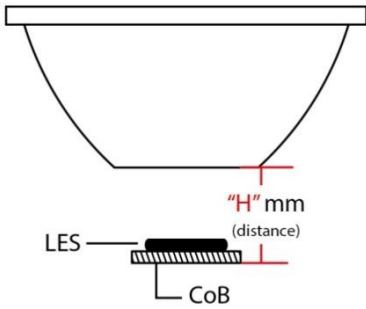


Illuminance At Distances

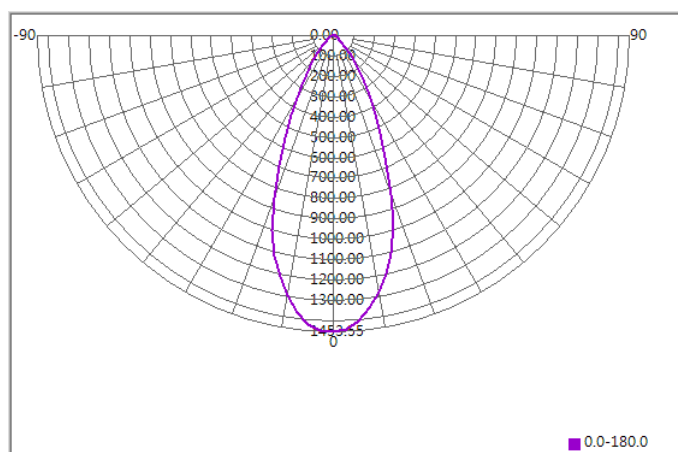




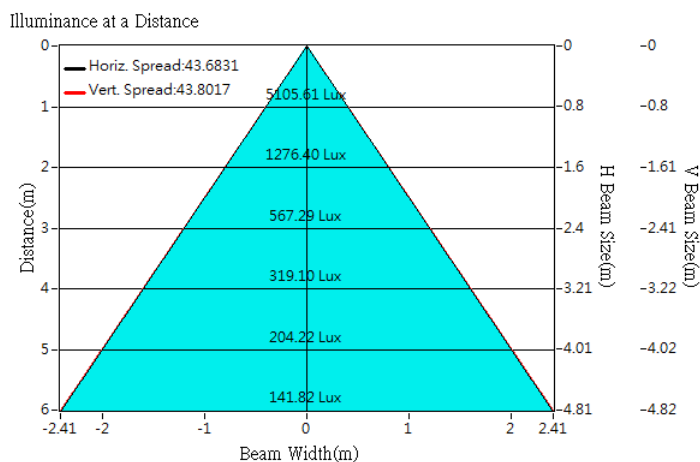
Optical Characteristics

Model Number	CKO-CH15-075033-4407		“H” definition 
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	44°		
Field Angle (D10)	81°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3512 lm	Measured @24.7 W	
Material	PC / UL94V2		

cd/klm

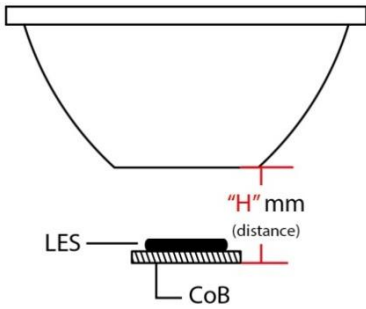


Illuminance At Distances

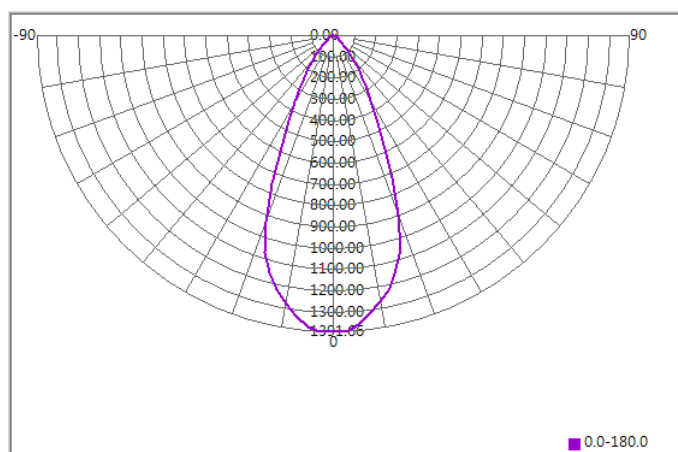




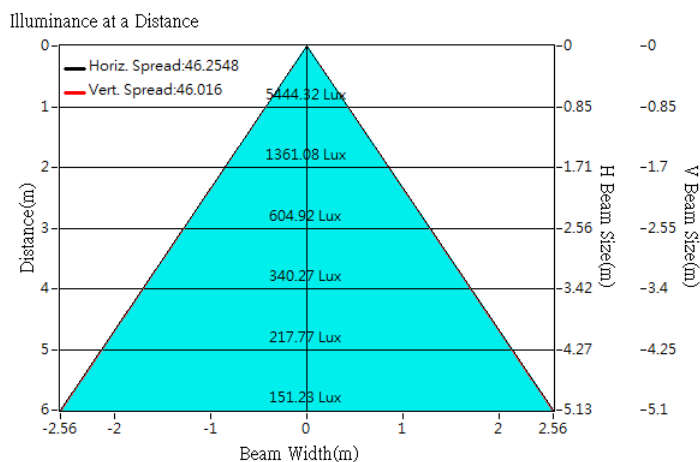
Optical Characteristics

Model Number	CKO-CH15-075033-4407		“H” definition 
LED	Fortimo SLM 1210 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	46°		
Field Angle (D10)	82°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3912 lm	Measured @31.6 W	
Material	PC / UL94V2		

cd/klm

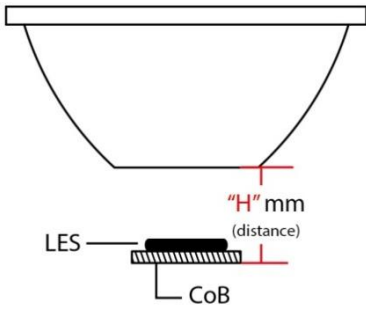


Illuminance At Distances

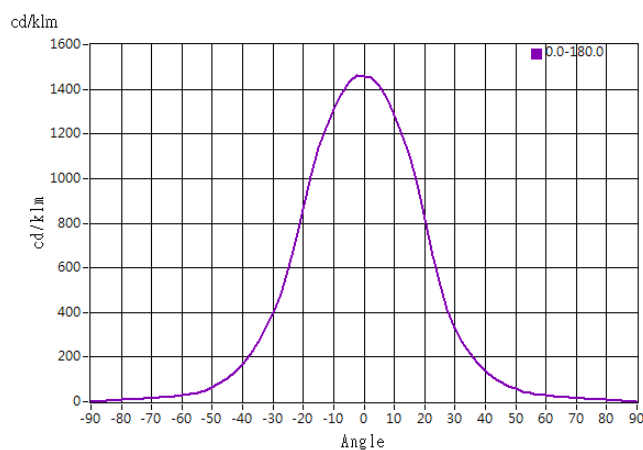




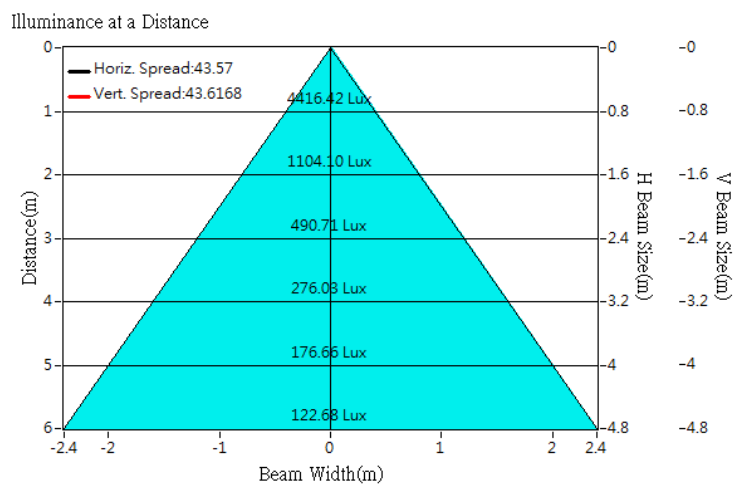
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	44°		
Field Angle (D10)	81°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3303 lm	Measured @25.9 W	
Material	PC / UL94V2		

cd/klm

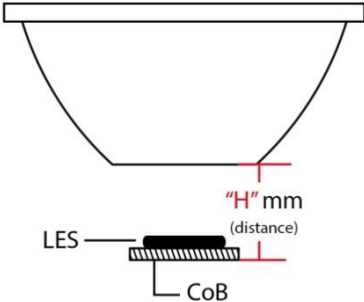


Illuminance At Distances

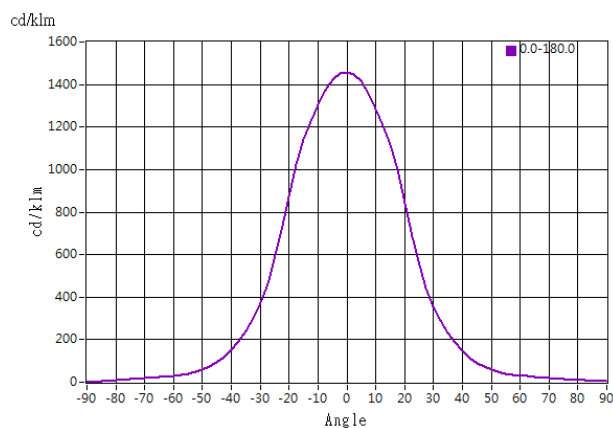




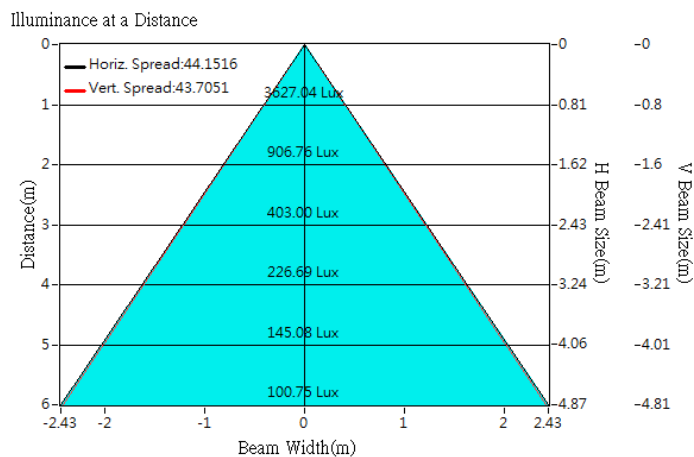
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	44°		
Field Angle (D10)	80°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2493 lm	Measured @26.8 W	
Material	PC / UL94V2		

cd/klm

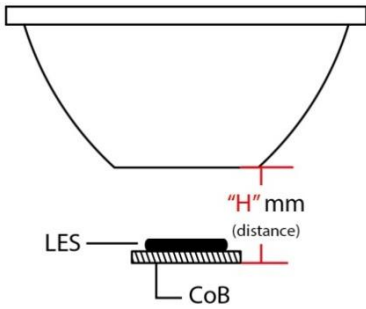


Illuminance At Distances

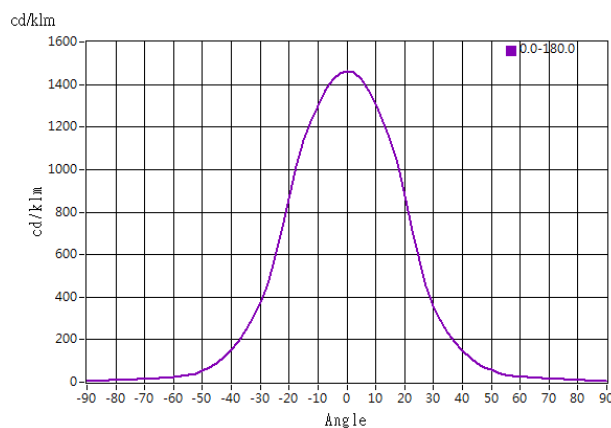




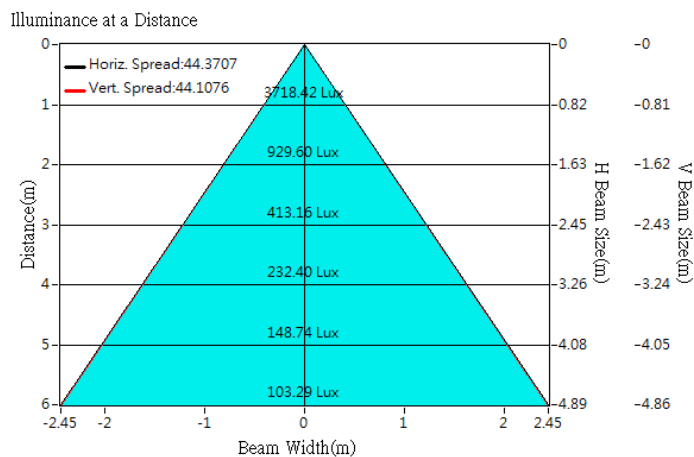
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size	Φ 15 mm		
FWHM (D50)	44°		
Field Angle (D10)	81°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2544 lm	Measured @26.8 W	
Material	PC / UL94V2		

cd/klm

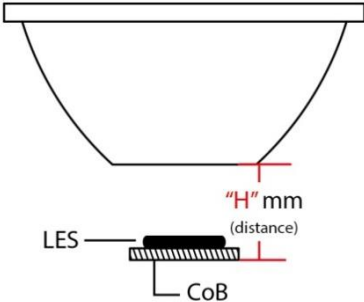


Illuminance At Distances

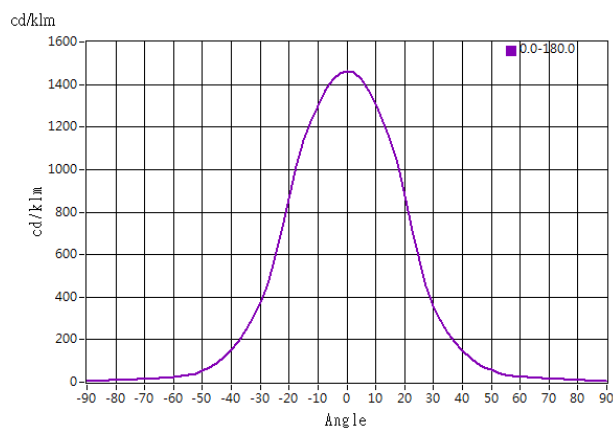




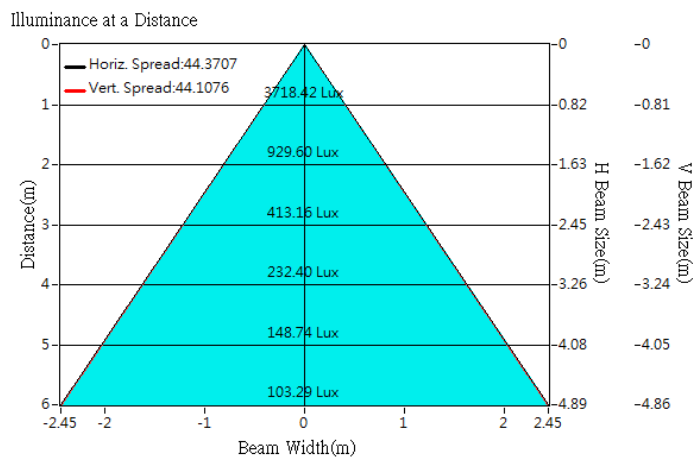
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size	Φ 15 mm		
FWHM (D50)	44°		
Field Angle (D10)	81°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2544 lm	Measured @26.8 W	
Material	PC / UL94V2		

cd/klm

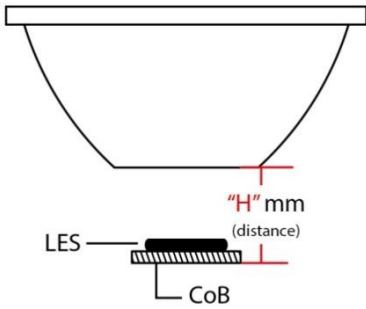


Illuminance At Distances

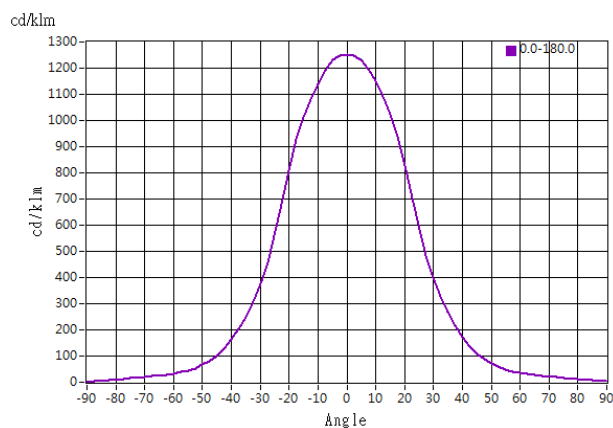




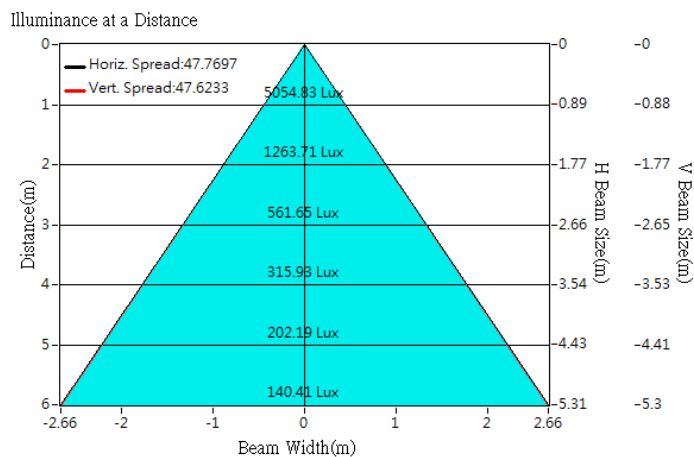
Optical Characteristics

Model Number	CKO-CH15-075033-4407		
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	48°		
Field Angle (D10)	86°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4042 lm	Measured @ 36.1W	
Material	PC / UL94V2		

cd/klm

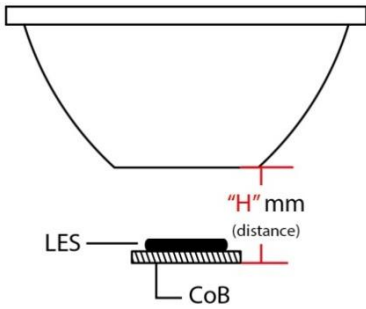


Illuminance At Distances

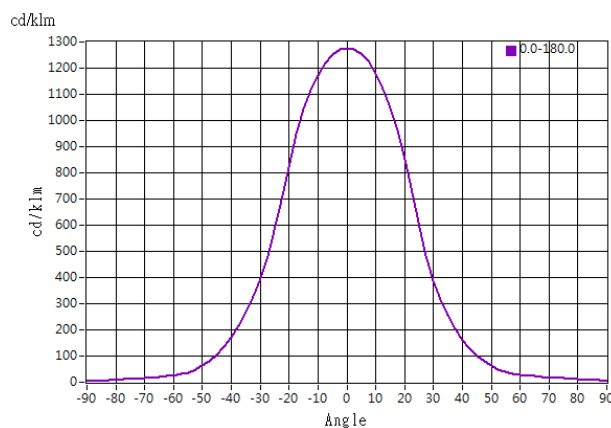




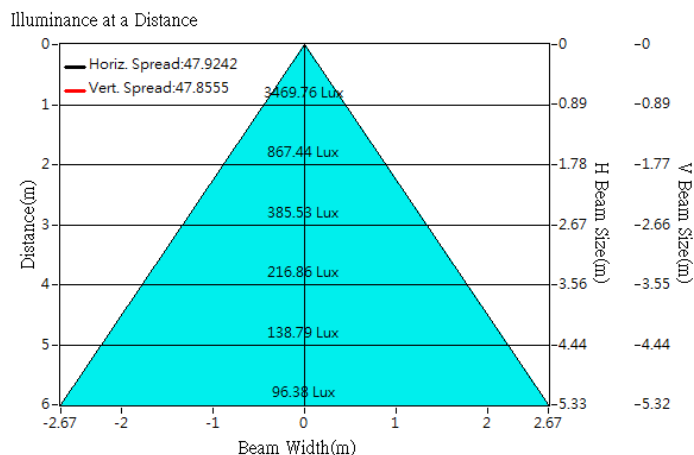
Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1211 L19 2828 G6_DL		
LES / LED Size	Φ 19 mm		
FWHM (D50)	48°		
Field Angle (D10)	86°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2729 lm	Measured @35.6 W	
Material	PC / UL94V2		

cd/klm

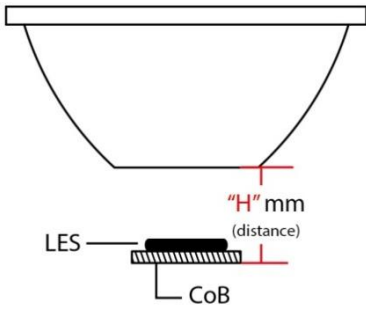


Illuminance At Distances

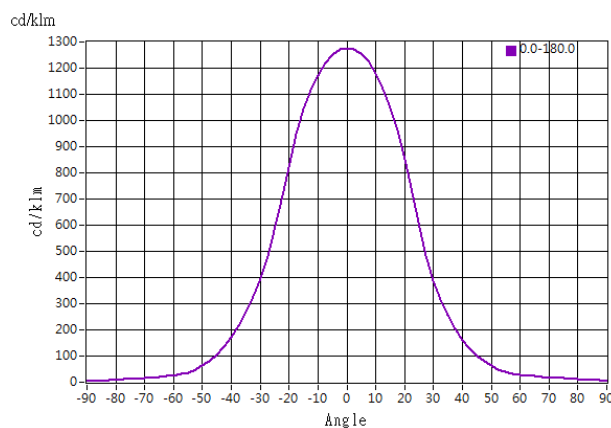




Optical Characteristics

Model Number	CKO-CH15-075033-4407		"H" definition
LED	Fortimo SLM C 1211 L19 2828 G6_PI		
LES / LED Size	Φ 19 mm		
FWHM (D50)	48°		
Field Angle (D10)	86°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2729 lm	Measured @35.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

