



Product Model Number

CKO-CH15-075033-4405

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

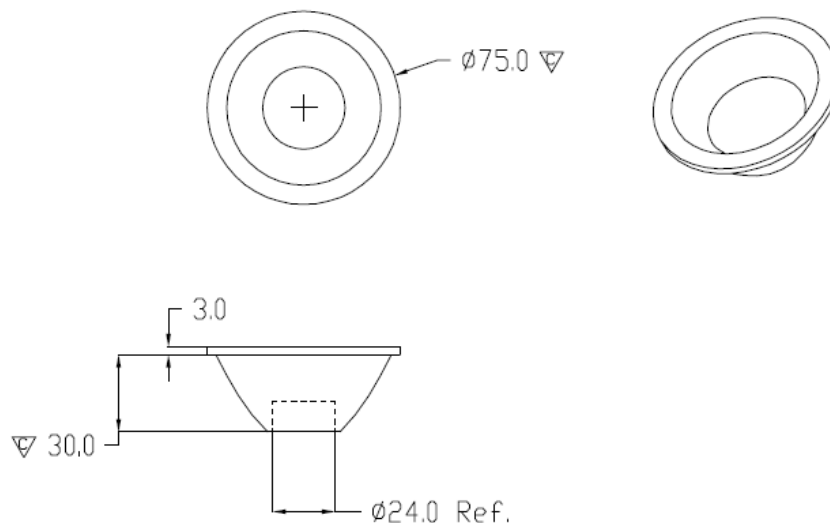


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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 33



▽:Critical Dimension



✓ Optical Characteristics – Angle Performances

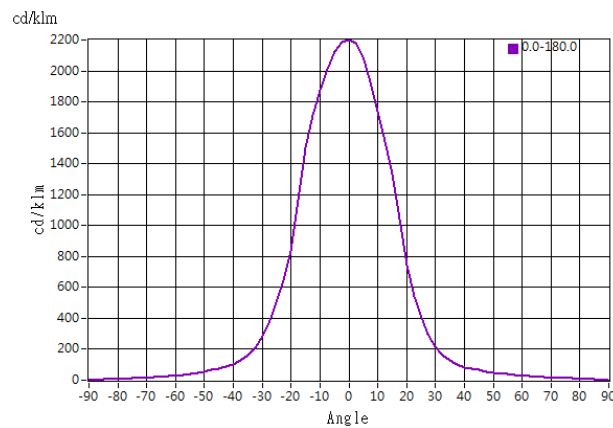
Philips	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
Fortimo SLM 1203 L09 G6	Φ9	35°	62°
Fortimo SLM 1203 L09 G6_DL	Φ9	35°	63°
Fortimo SLM 1203 L09 G6_PI	Φ9	35°	63°
Fortimo SLM PW 1204 L09 G7	Φ9	34°	63°
Fortimo SLM 1201 L09 G7N	Φ9.8	34°	62°
Fortimo SLM 1202 L09 G7N	Φ9.8	35°	62°
Fortimo SLM 1203 L09 G7N	Φ9.8	35°	62°
Fortimo SLM 1204 L09 G7N	Φ9.8	34°	62°
Fortimo SLM 1205 L13 G7	Φ13	37°	67°
Fortimo SLM PW 1205 L13 G6	Φ13	36°	67°
Fortimo SLM PW 1205 L13 G6_DL	Φ13	37°	67°
Fortimo SLM PW 1205 L13 G6_PI	Φ13	37°	67°
Fortimo SLM 1205 L15 G7N	Φ14.5	37°	67°
Fortimo SLM 1206 L15 G7N	Φ14.5	37°	68°
Fortimo SLM 1208 L15 G7N	Φ14.5	37°	68°
Fortimo SLM 1210 L15 G7N	Φ14.5	35°	64°
Fortimo SLM 1208 L15 G7	Φ15	37°	69°
Fortimo SLM 1208 L15 G6	Φ15	37°	68°
Fortimo SLM 1208 L15 G6_DL	Φ15	38°	69°
Fortimo SLM 1208 L15 G6_PI	Φ15	38°	69°
Fortimo SLM 1211 L19 G6	Φ19	40°	75°
Fortimo SLM 1211 L19 G6_DL	Φ19	41°	75°
Fortimo SLM 1211 L19 G6_PI	Φ19	41°	75°



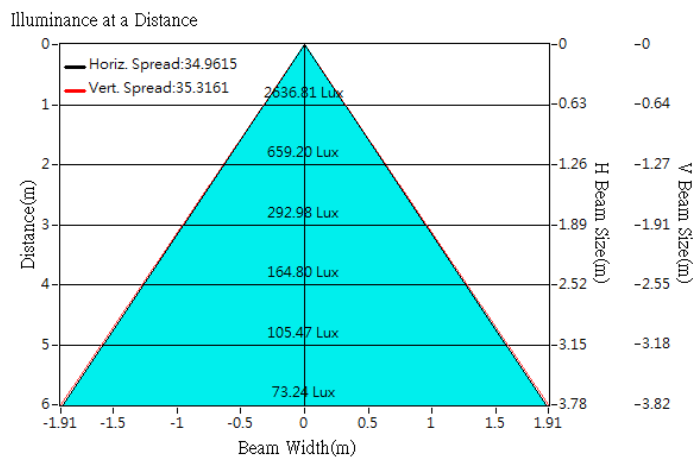
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	35°		
Field Angle (D10)	62°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1199 lm	Measured @10.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

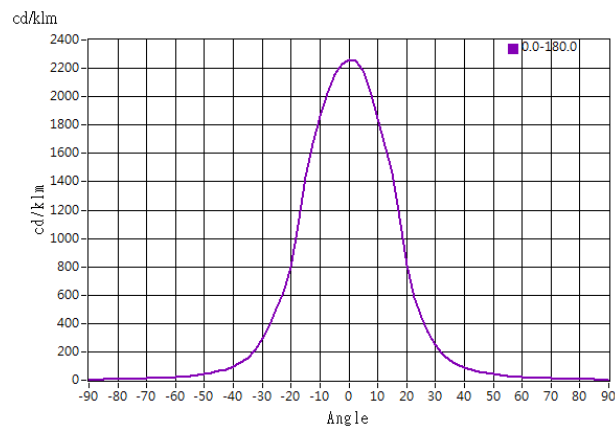




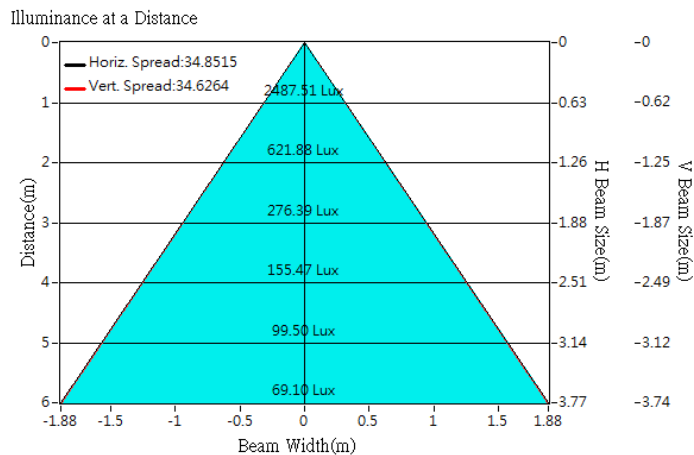
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1203 L09 1619 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	35°		
Field Angle (D10)	63°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1101 lm	Measured @10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

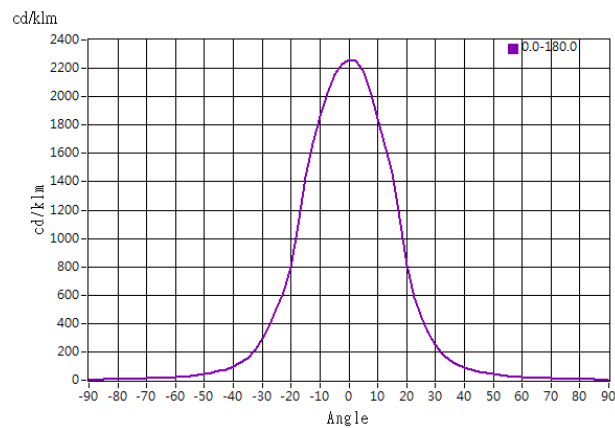




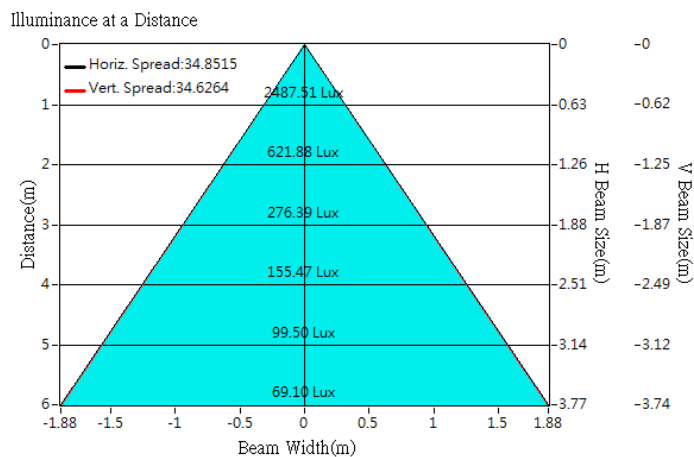
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1203 L09 1619 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	35°		
Field Angle (D10)	63°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1101 lm	Measured @10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

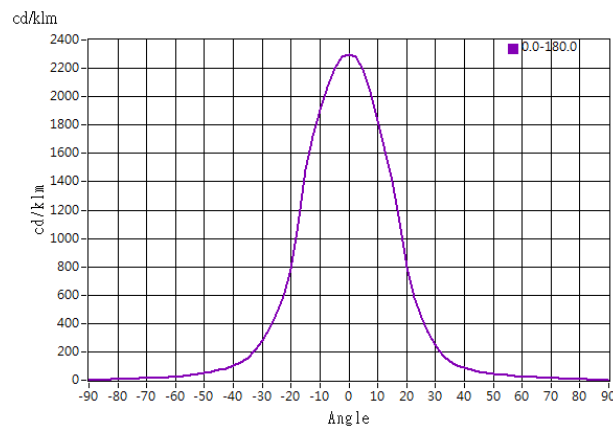




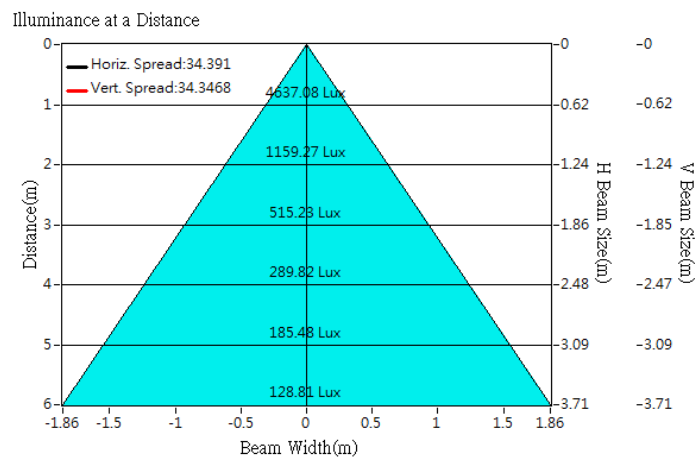
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	34°		
Field Angle (D10)	63°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2020 lm	Measured @ 21.6W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

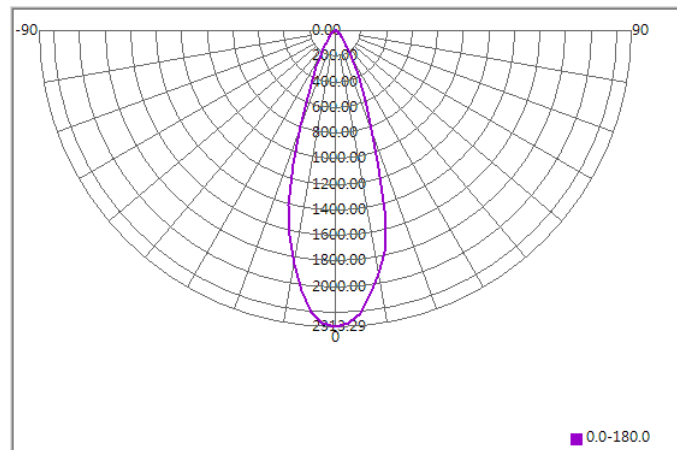




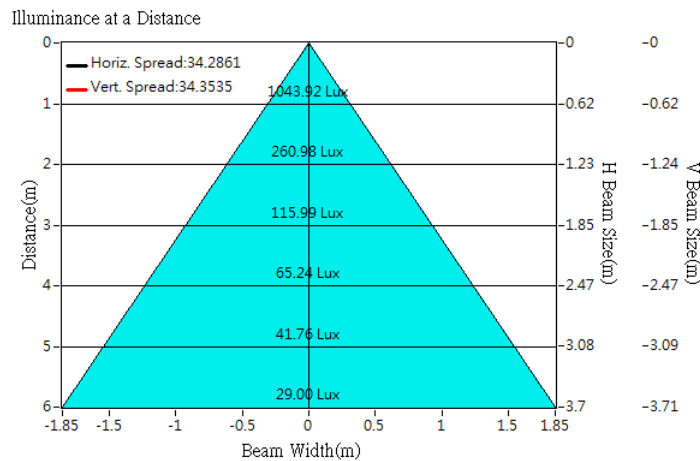
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	34°		
Field Angle (D10)	62°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	451 lm	Measured @3.0W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

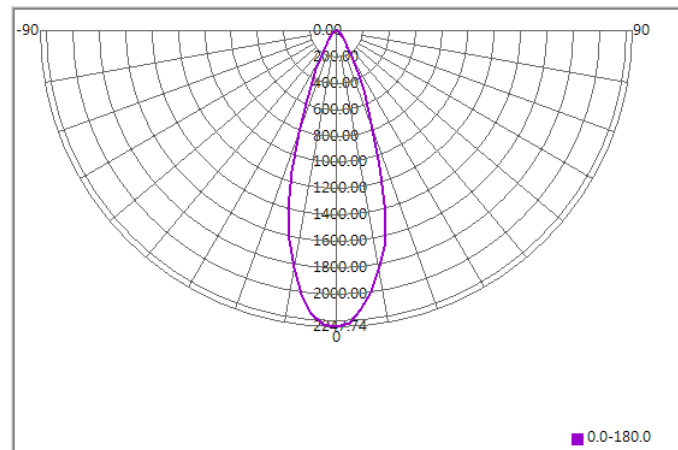




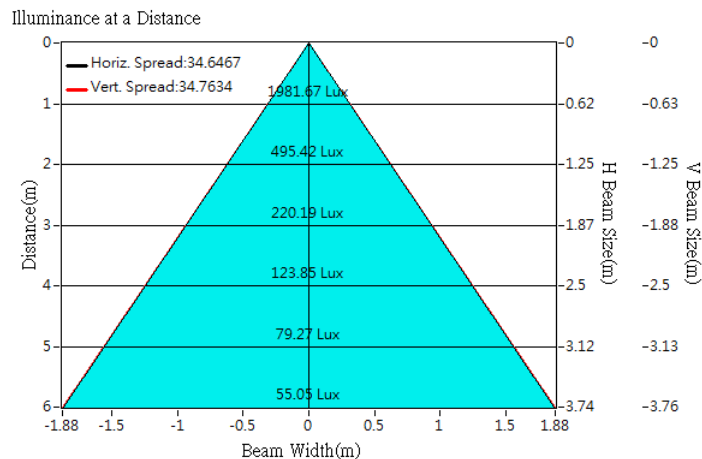
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	35°		
Field Angle (D10)	62°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	882 lm	Measured @6.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

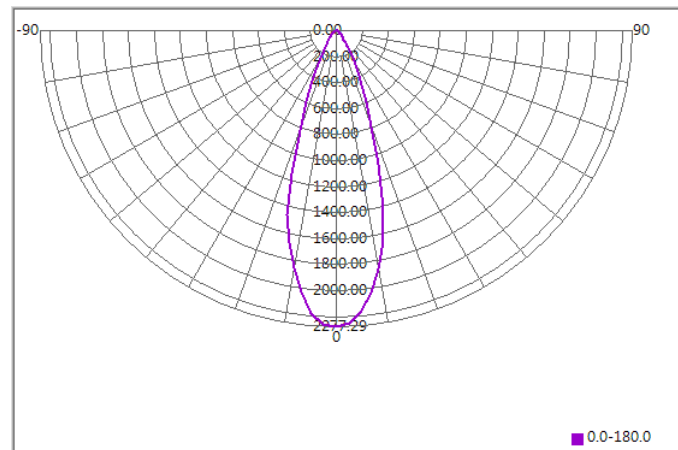




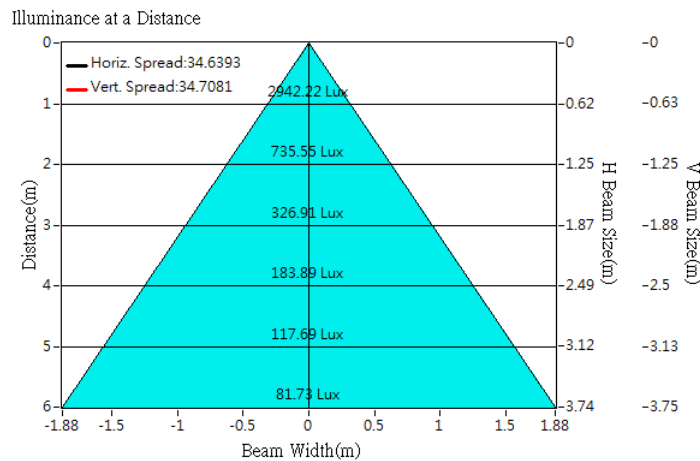
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	35°		
Field Angle (D10)	62°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1291 lm	Measured @9.2W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

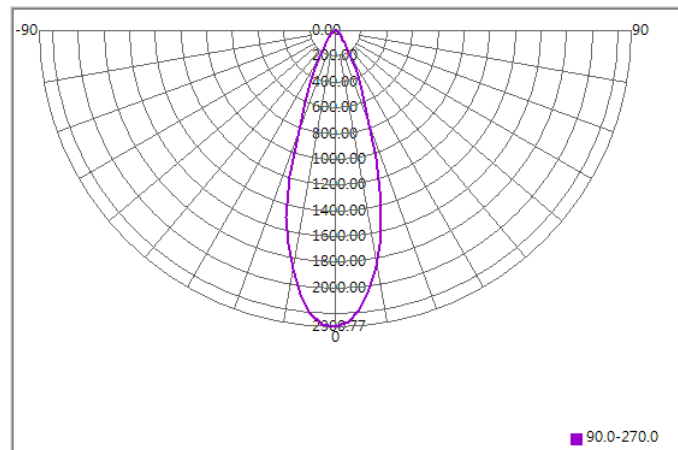




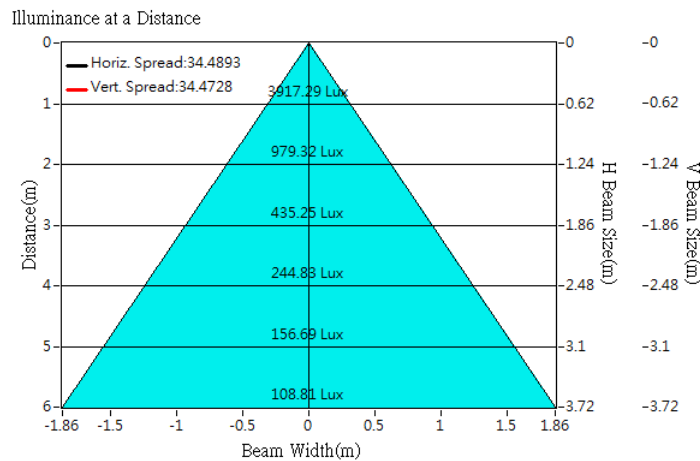
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	34°		
Field Angle (D10)	62°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1702 lm	Measured @12.2W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

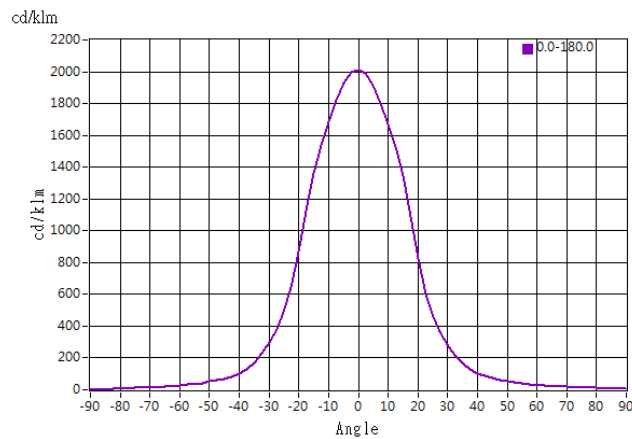




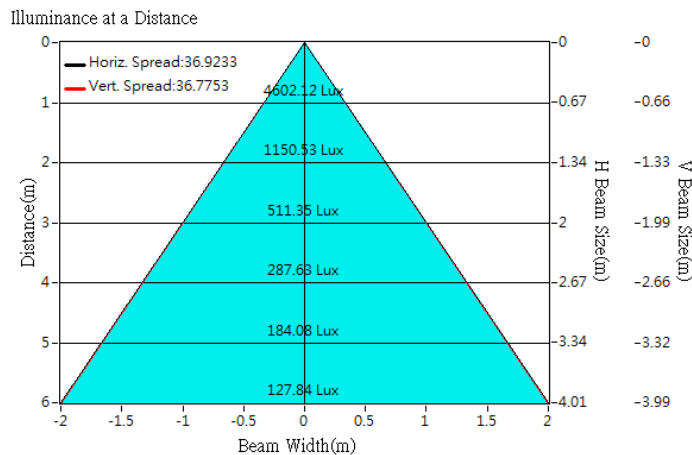
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 830 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	37°		
Field Angle (D10)	67°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2286 lm	Measured @17.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

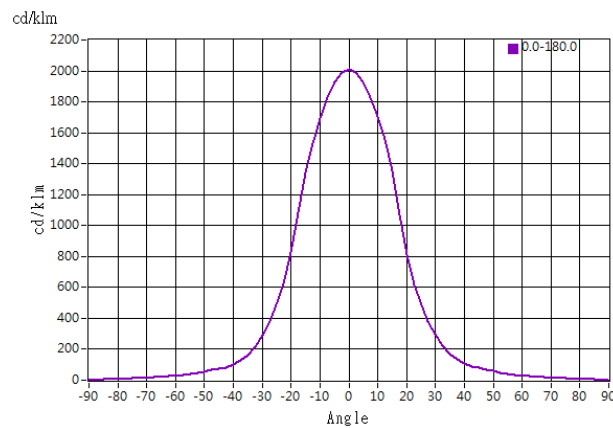




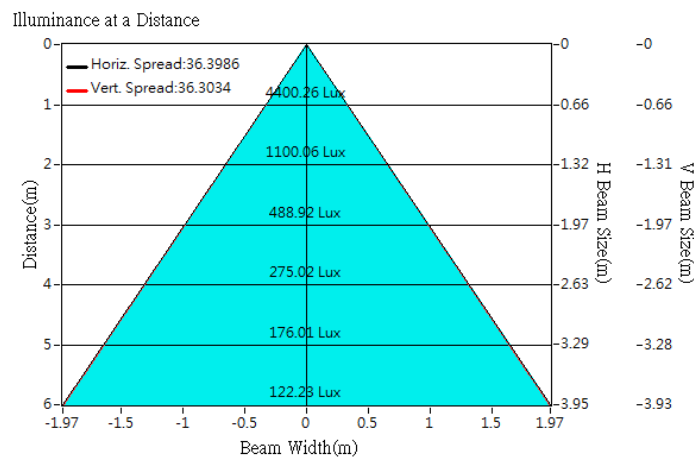
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	36°		
Field Angle (D10)	67°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2192 lm	Measured @ 17.4W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

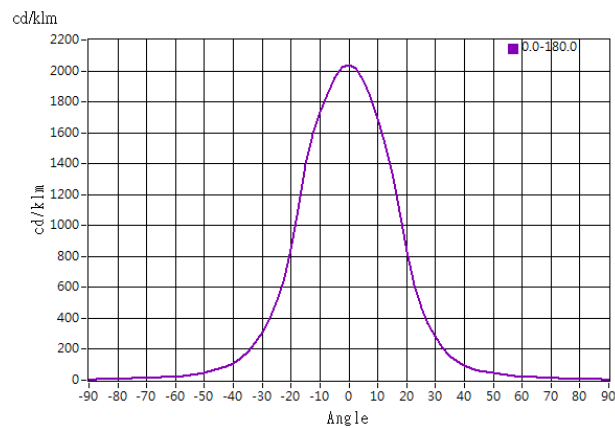




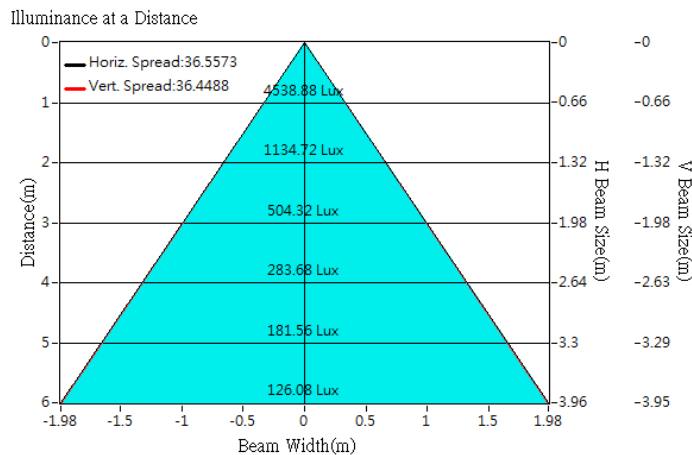
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	37°		
Field Angle (D10)	67°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2229 lm	Measured @17.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

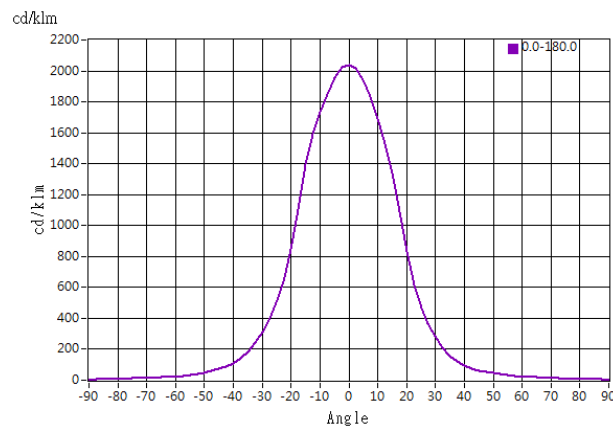




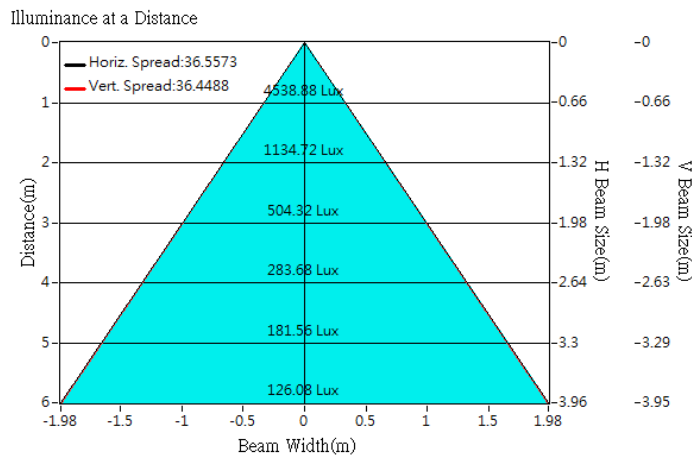
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	37°		
Field Angle (D10)	67°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2229 lm	Measured @17.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

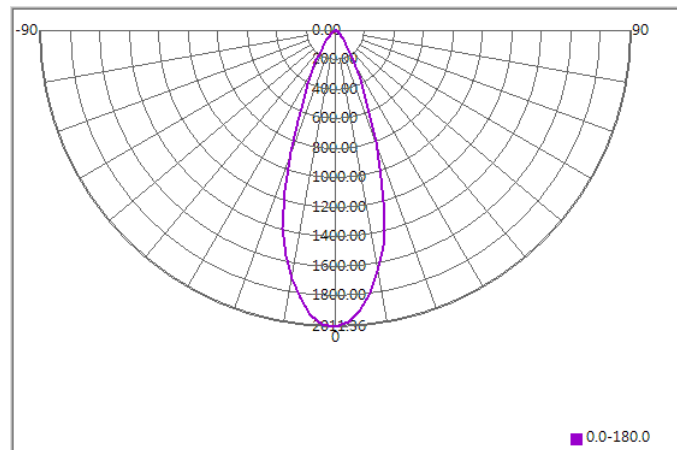




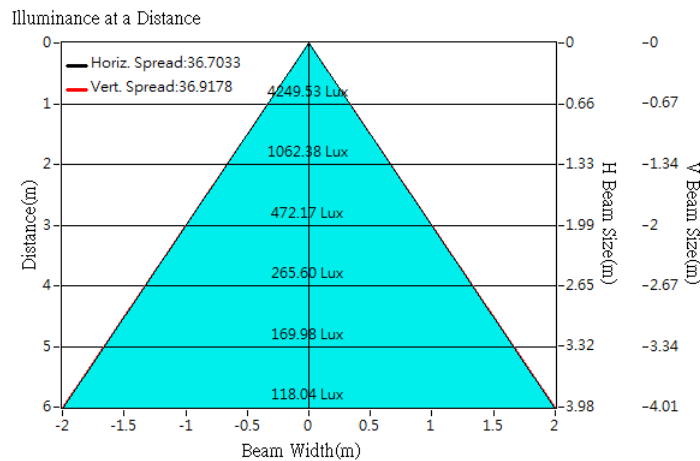
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	37°		
Field Angle (D10)	67°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2112 lm	Measured @15.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

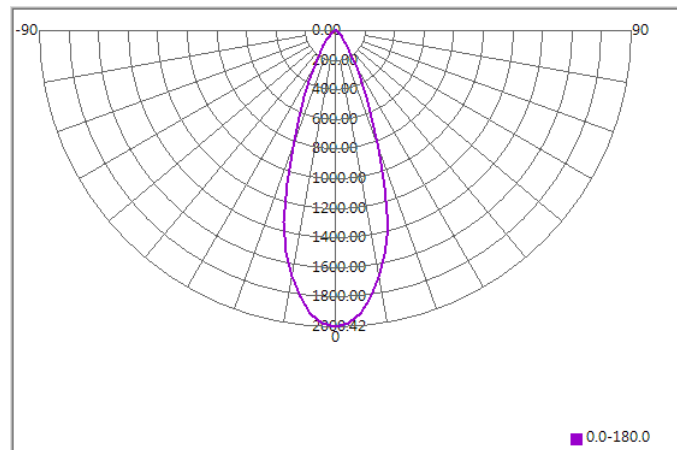




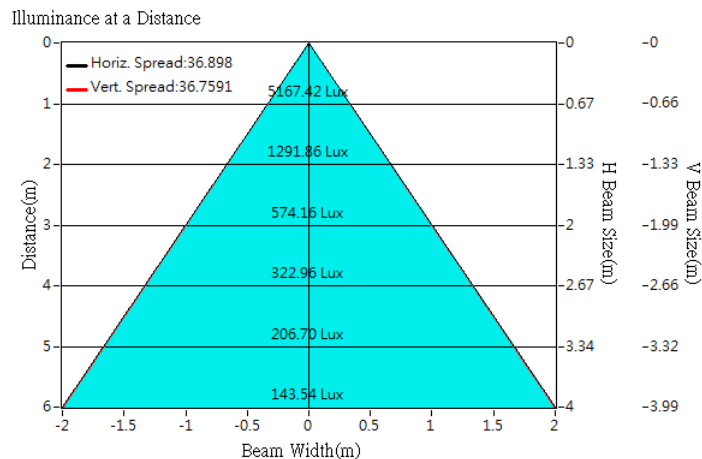
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	37°		
Field Angle (D10)	68°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2583 lm	Measured @18.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

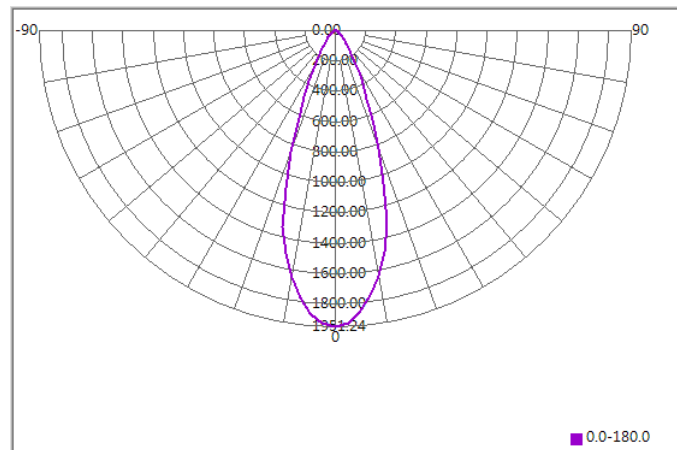




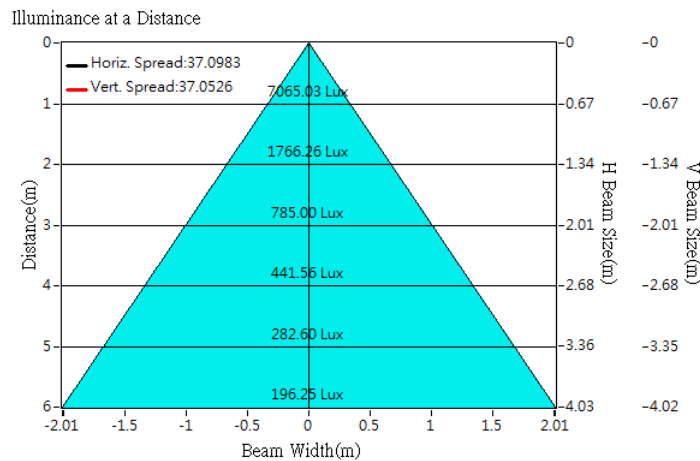
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	37°		
Field Angle (D10)	67°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3620 lm	Measured @24.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

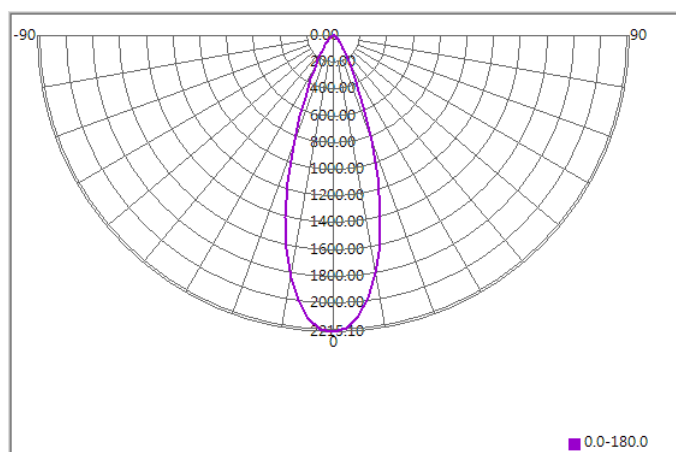




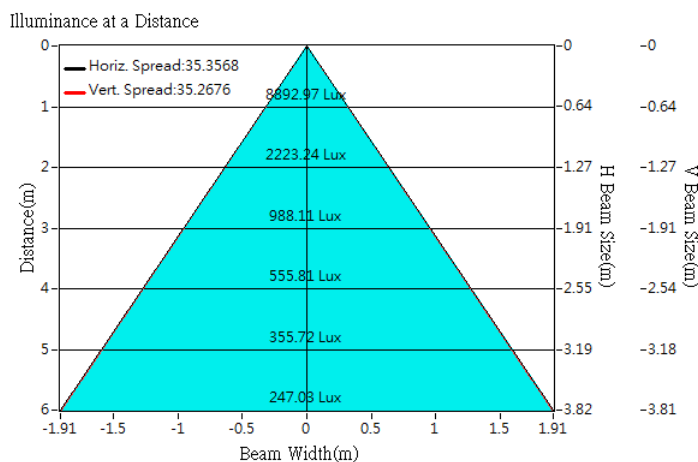
Optical Characteristics

Model Number	CKO-CH15-075033-4405		
LED	Fortimo SLM 1210 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	35°		
Field Angle (D10)	64°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4014 lm	Measured @31.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

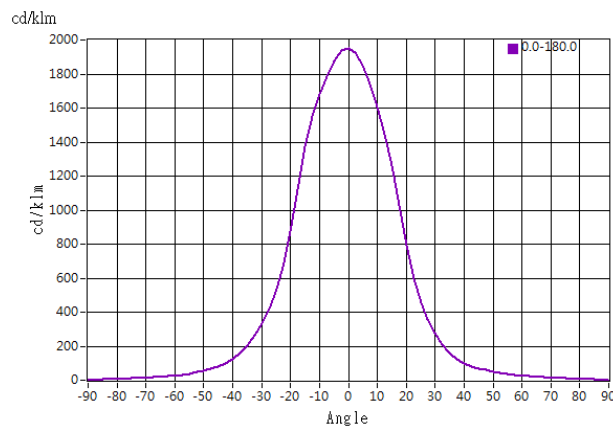




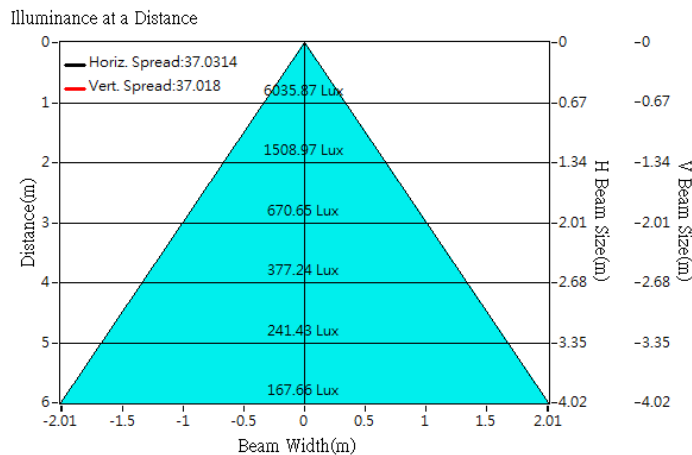
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	37°		
Field Angle (D10)	69°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3096 lm	Measured @25.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

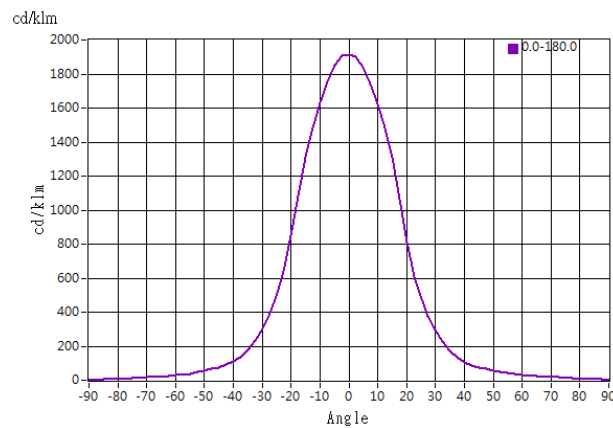




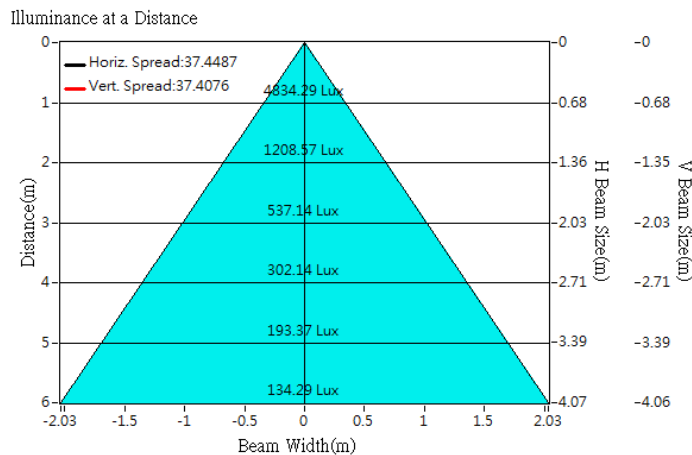
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	37°		
Field Angle (D10)	68°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2526 lm	Measured @ 26.8W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

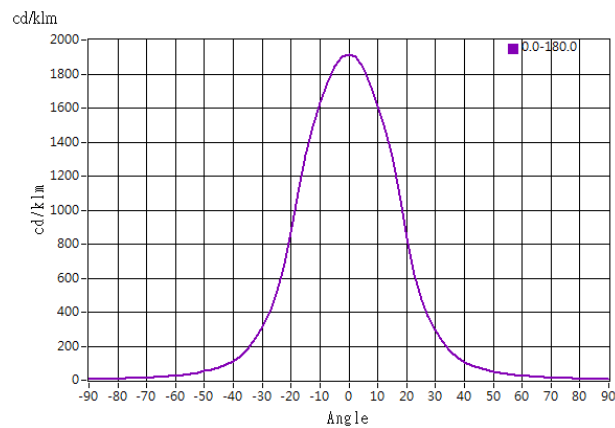




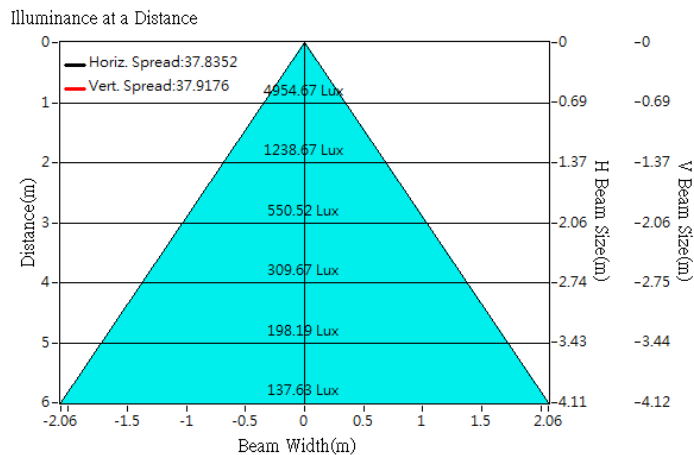
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size	Φ 15 mm		
FWHM (D50)	38°		
Field Angle (D10)	69°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2590 lm	Measured @26.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

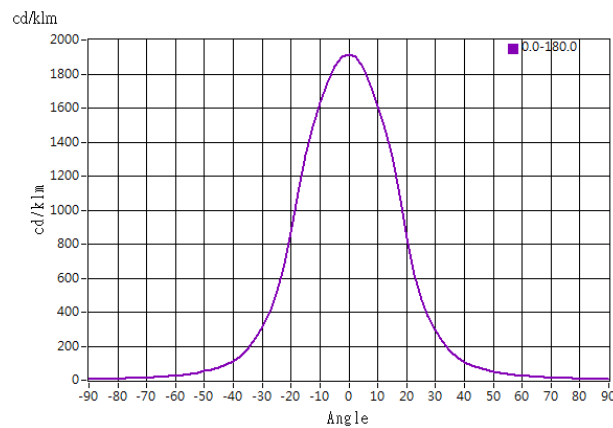




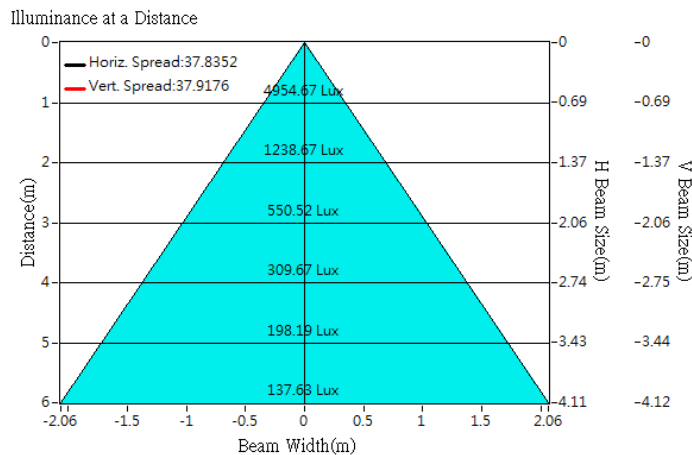
Optical Characteristics

Model Number	CKO-CH15-075033-4405		
LED	Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size	Φ 15 mm		
FWHM (D50)	38°		
Field Angle (D10)	69°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2590 lm	Measured @26.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

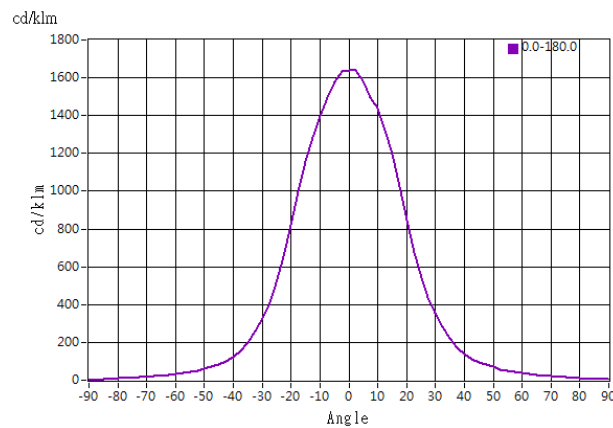




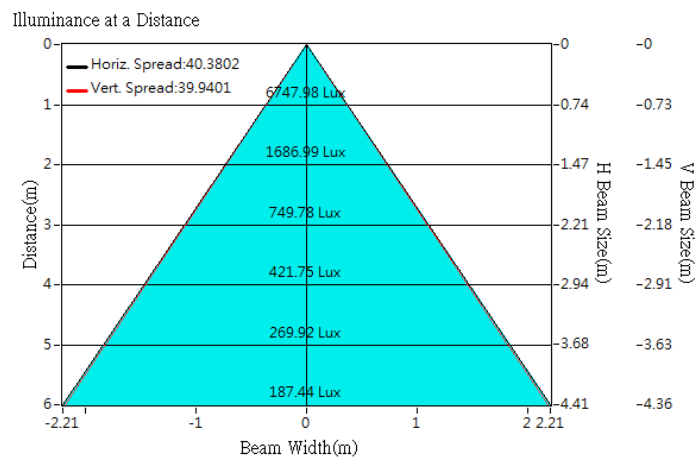
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	40°		
Field Angle (D10)	75°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4112 lm	Measured @36.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

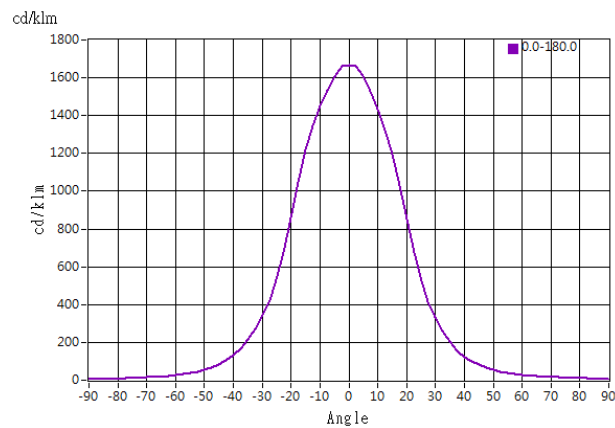




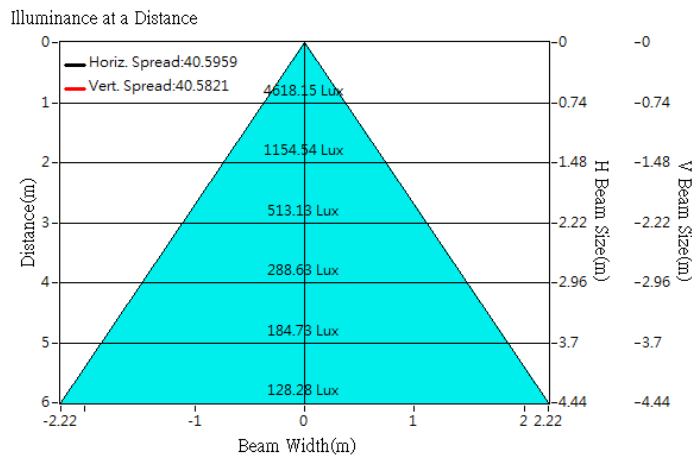
Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1211 L19 2828 G6_DL		
LES / LED Size	Φ 19 mm		
FWHM (D50)	41°		
Field Angle (D10)	75°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2768 lm	Measured @35.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

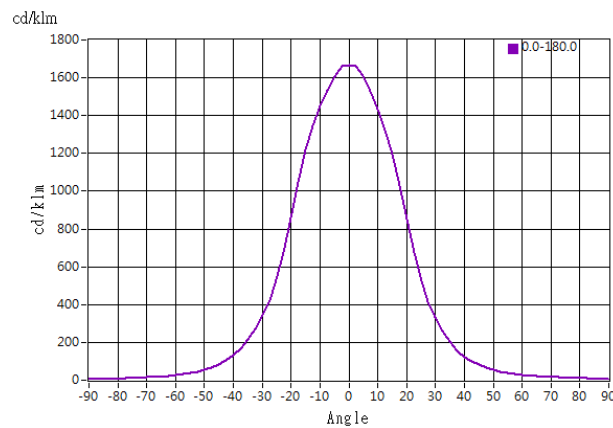




Optical Characteristics

Model Number	CKO-CH15-075033-4405		<p>"H" definition</p>
LED	Fortimo SLM C 1211 L19 2828 G6_PI		
LES / LED Size	Φ 19 mm		
FWHM (D50)	41°		
Field Angle (D10)	75°		
H (distance)	3.5mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2768 lm	Measured @35.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

