



## Product Model Number

CKO-CH17-085047-0501

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

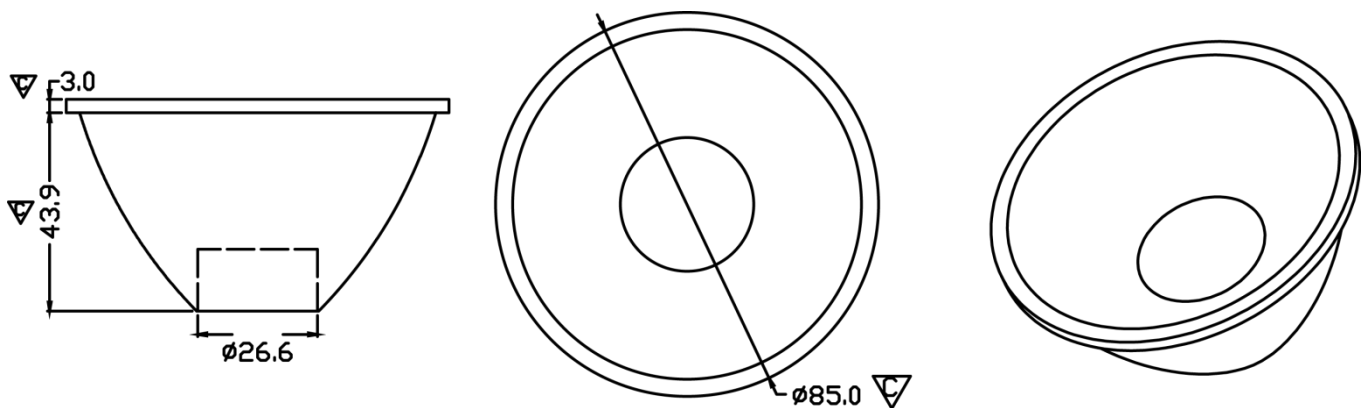


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- 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) : Φ 85 x 46.9



▽:Critical Dimension

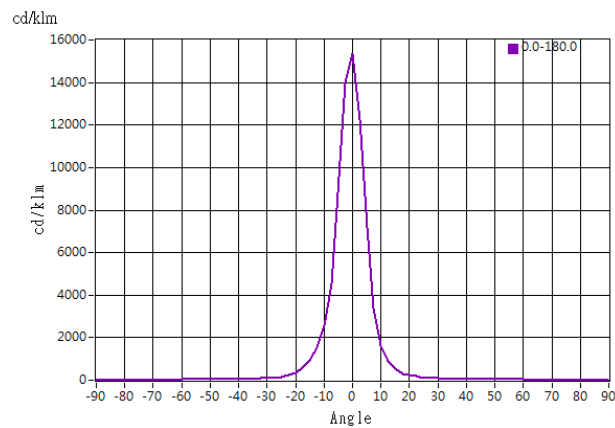




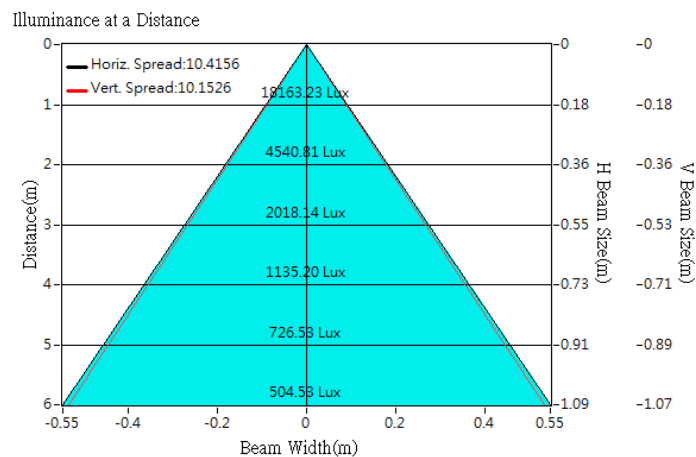
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	10°		
Field Angle (D10)	23°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1182 lm	Measured @ 10.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

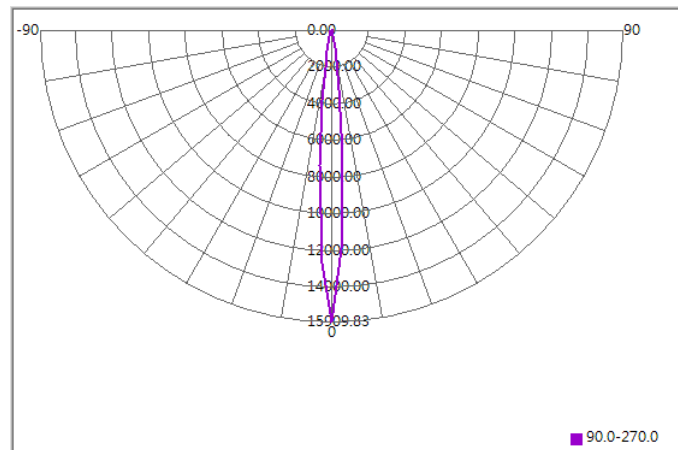




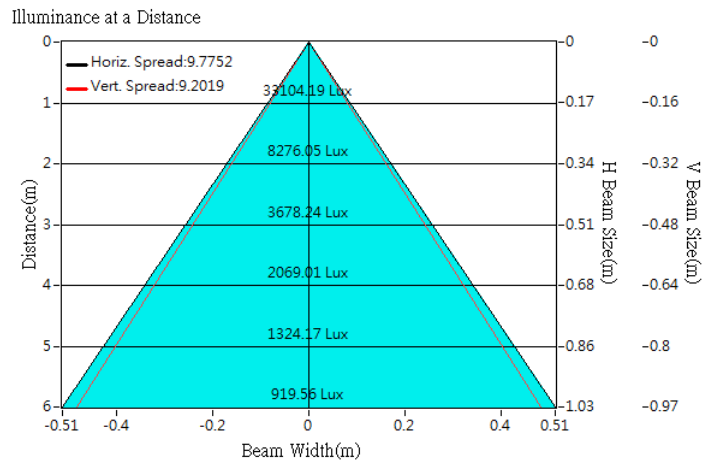
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		
LED	Fortimo SLM 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	9°		
Field Angle (D10)	22°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2080 lm	Measured @ 27.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

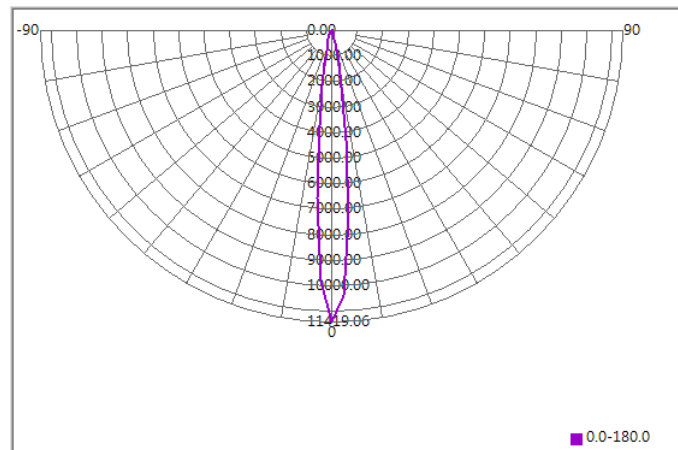




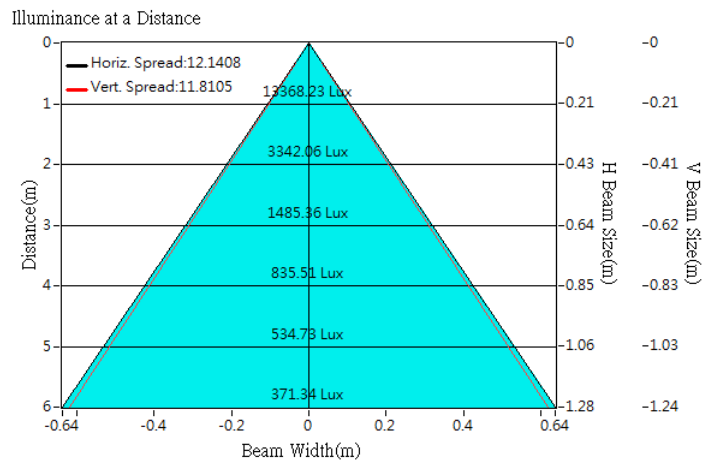
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	12°		
Field Angle (D10)	26°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1170 lm	Measured @ 9.2 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

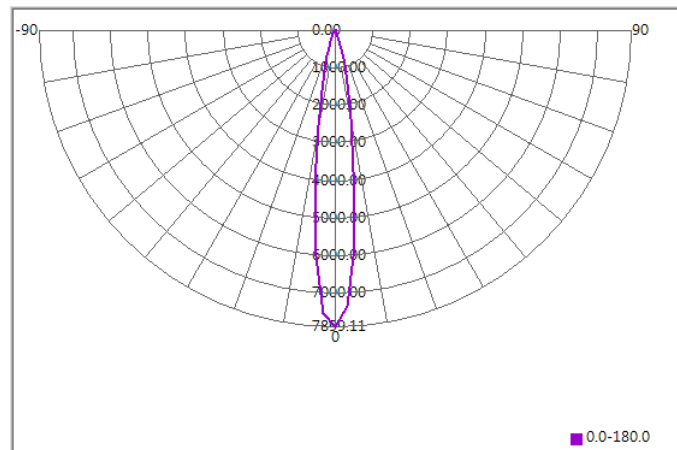




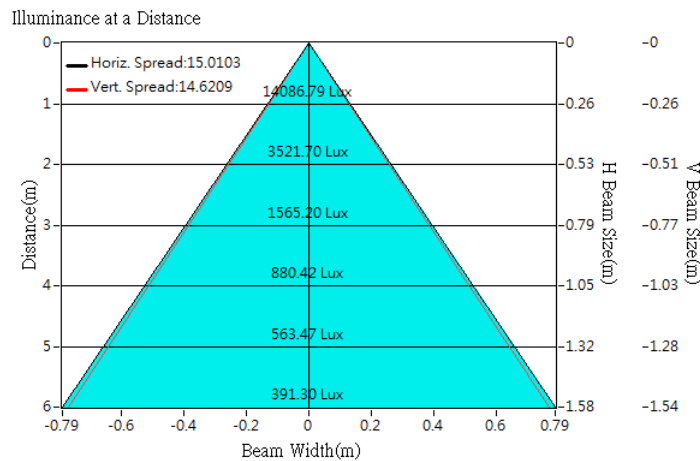
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p> <p>LES CoB "H" mm (distance)</p>
LED	Fortimo SLM 830 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	15°		
Field Angle (D10)	33°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1783 lm	Measured @ 17.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

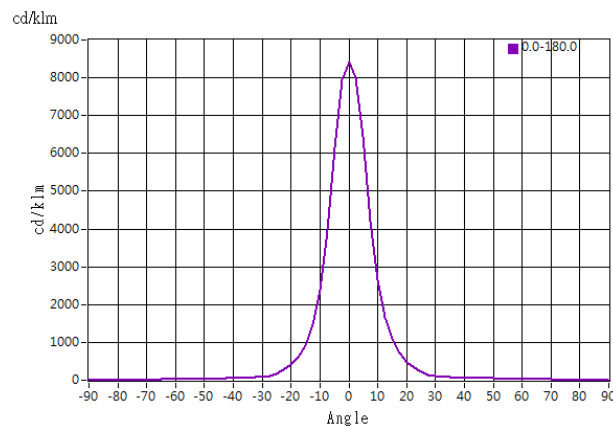




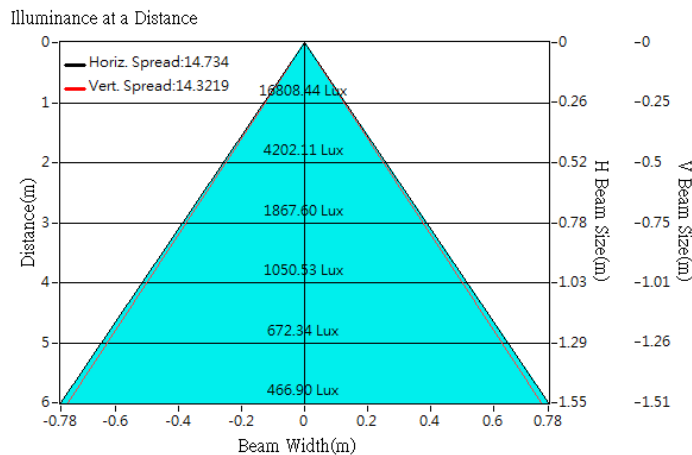
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	14°		
Field Angle (D10)	32°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2000 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

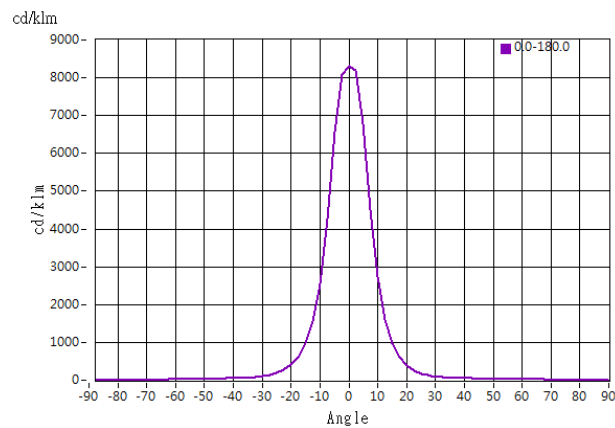




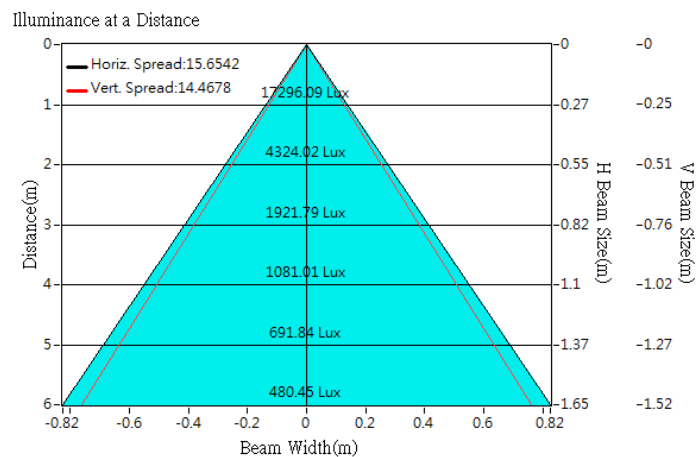
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		
LED	Fortimo SLM C 1205 L13 2024 G6_DL		
LES / LED Size	Φ 13 mm		
FWHM (D50)	15°		
Field Angle (D10)	32°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2081 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

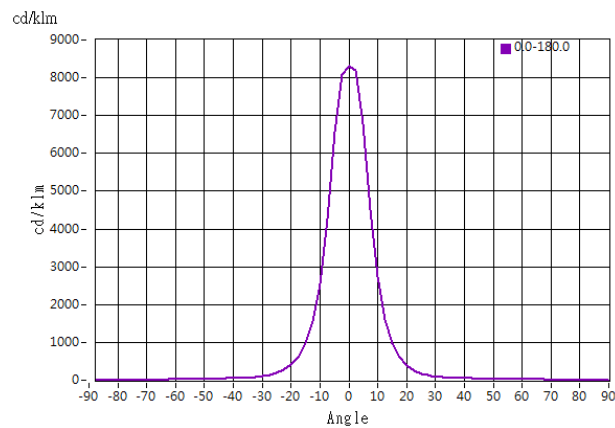




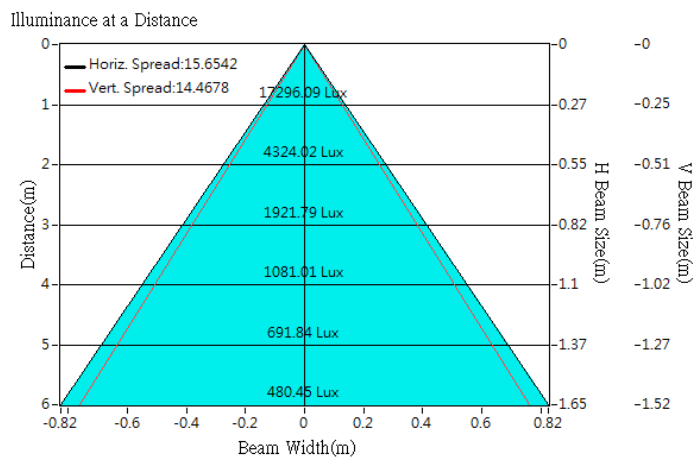
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM C 1205 L13 2024 G6_PI		
LES / LED Size	Φ 13 mm		
FWHM (D50)	15°		
Field Angle (D10)	32°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2081 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

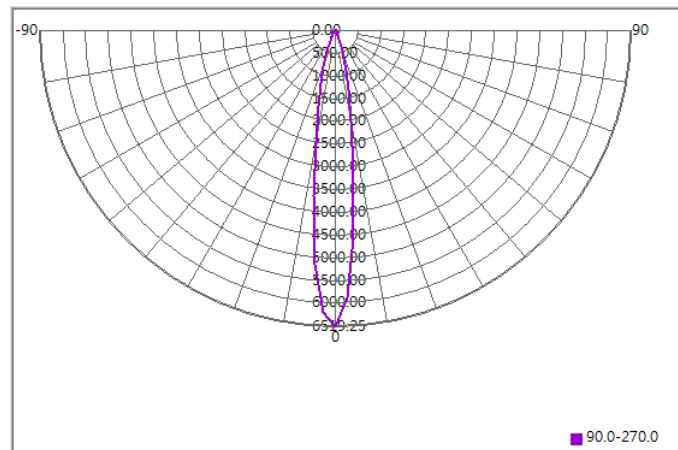




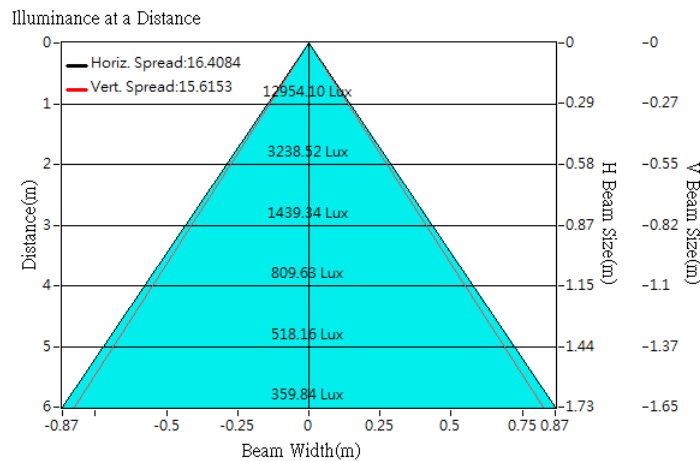
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	<b>Fortimo SLM 1205 L15 G7N</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	16°		
Field Angle (D10)	37°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	1987 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

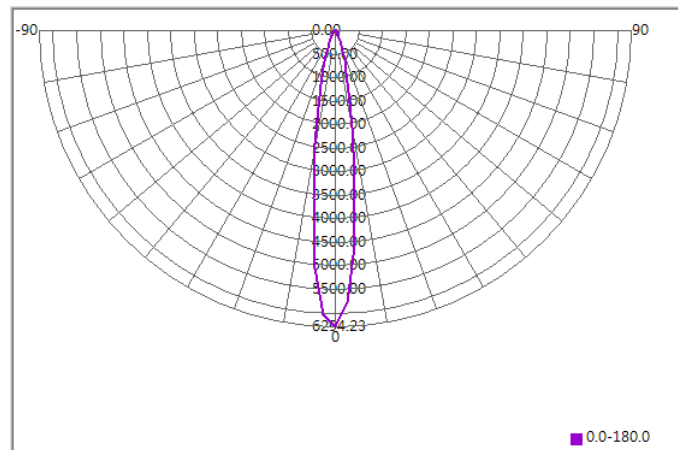




## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	16°		
Field Angle (D10)	37°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2368 lm	Measured @ 18.5 W	
Material	PC / UL94V2		

## cd/klm

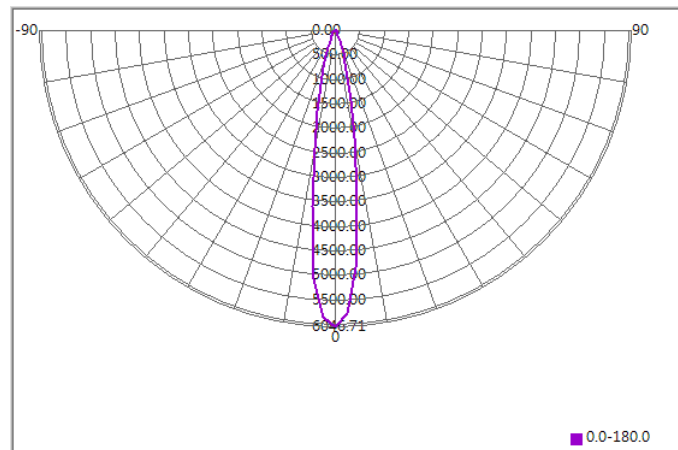




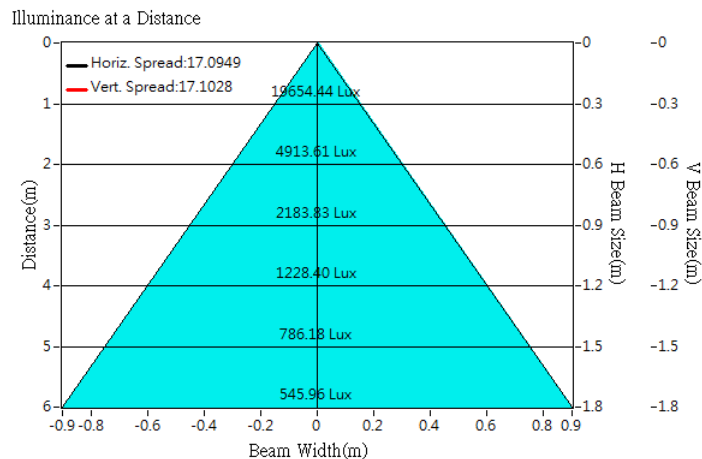
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	<b>Fortimo SLM 1208 L15 G7N</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	17°		
Field Angle (D10)	38°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	3250 lm	Measured @ 25 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

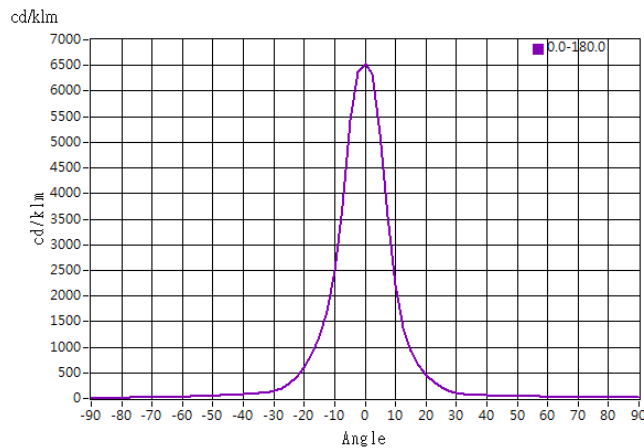




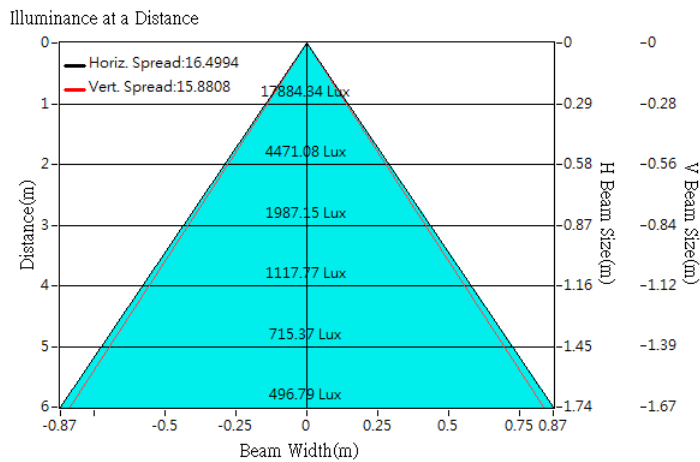
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	16°		
Field Angle (D10)	37°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2739 lm	Measured @ 26.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

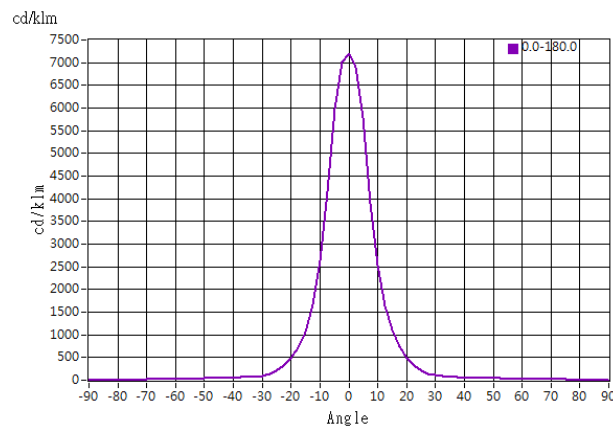




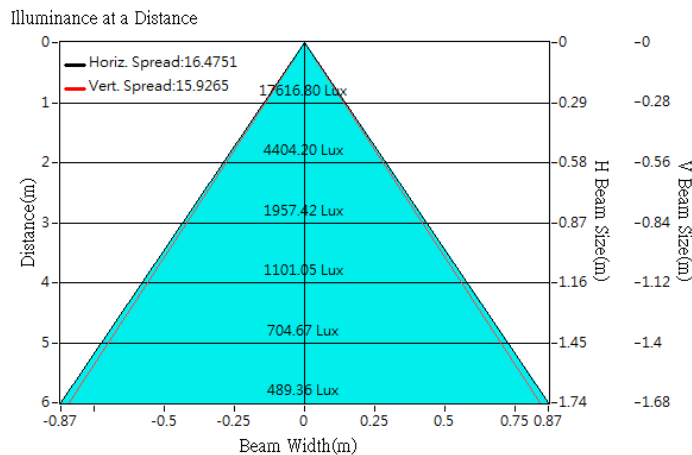
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	16°		
Field Angle (D10)	35°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2450 lm	Measured @ 26.9 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

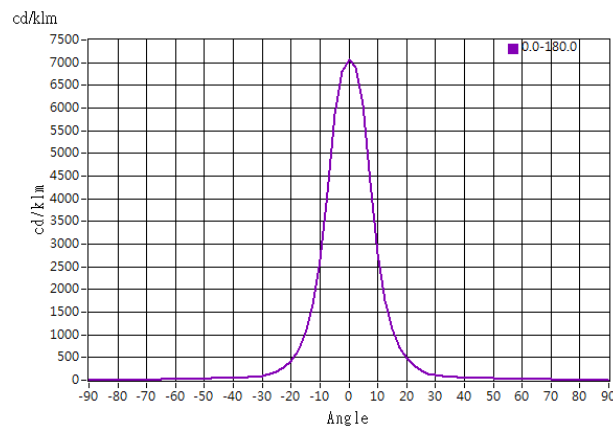




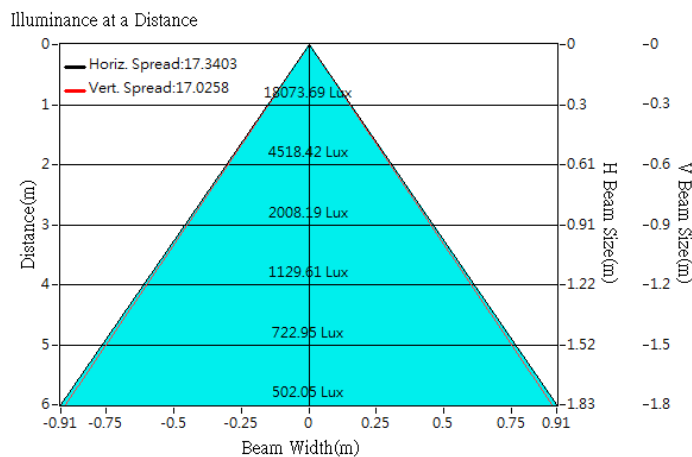
## Optical Characteristics

Model Number	CKO-CH17-085047-0501	<p>"H" definition</p>	
LED	Fortimo SLM C 1208 L15 2024 G6_DL		
LES / LED Size	Φ 15 mm		
FWHM (D50)	17°		
Field Angle (D10)	35°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2559 lm		Measured @ 26.8 W
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

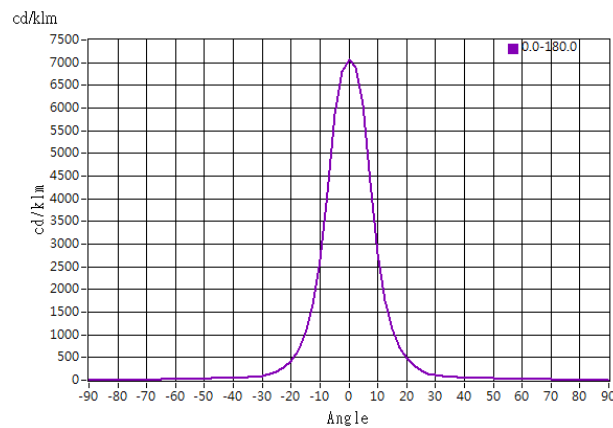




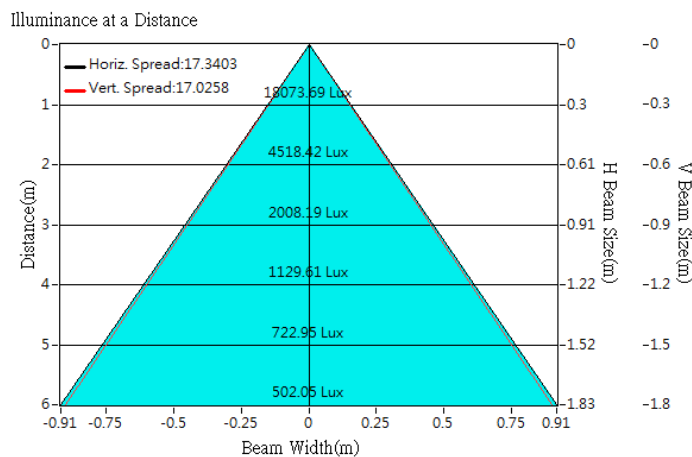
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM C 1208 L15 2024 G6_PI		
LES / LED Size	Φ 15 mm		
FWHM (D50)	17°		
Field Angle (D10)	35°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	2559 lm	Measured @ 26.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

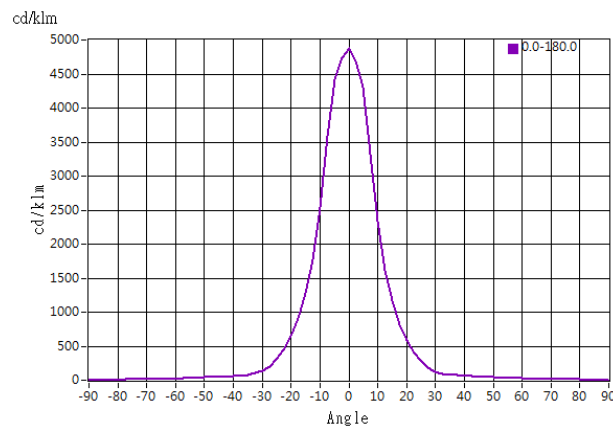




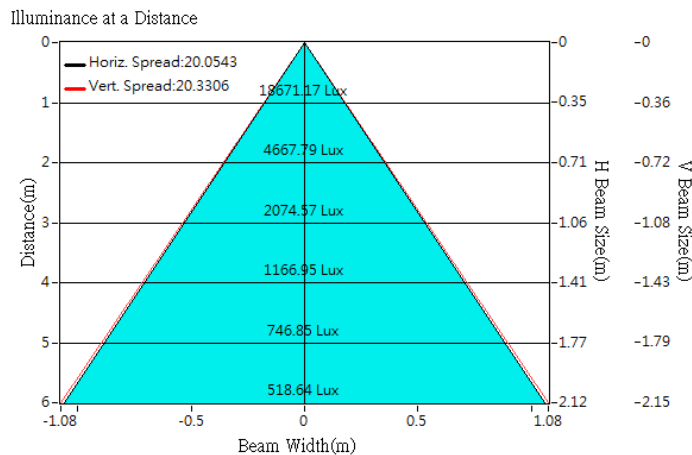
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	20°		
Field Angle (D10)	43°		
H (distance)	3.65 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	3833 lm	Measured @ 33.2 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

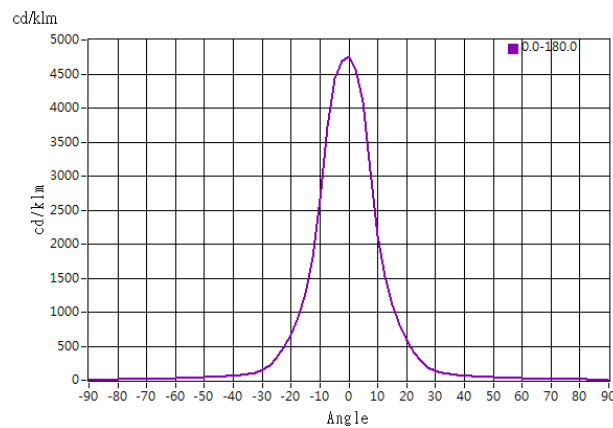




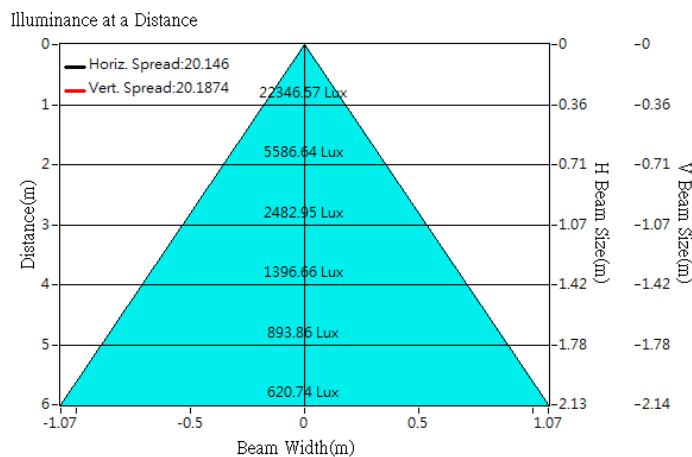
## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM C 1211 L19 2828 G6_DL		
LES / LED Size	Φ 19 mm		
FWHM (D50)	20°		
Field Angle (D10)	44°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	4695 lm	Measured @ 44.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

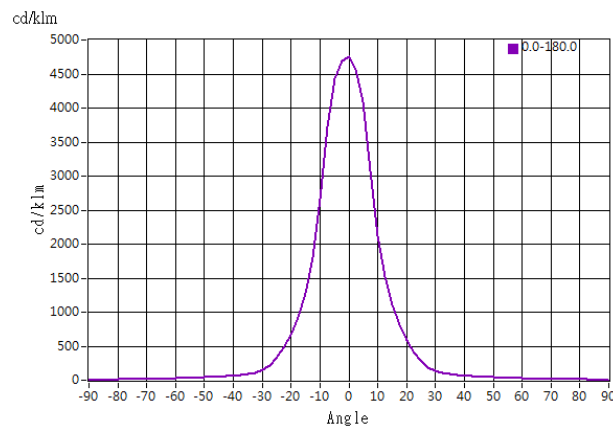




## Optical Characteristics

Model Number	CKO-CH17-085047-0501		<p>"H" definition</p>
LED	Fortimo SLM C 1211 L19 2828 G6_PI		
LES / LED Size	Φ 19 mm		
FWHM (D50)	20°		
Field Angle (D10)	44°		
H (distance)	3.5 mm		
Dimension	Φ =85 mm, Thickness=46.9 mm		
Luminous Flux	4695 lm	Measured @ 44.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

