



Product Model Number

CKO-ZU15-075017-9701

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

↑
(A)

↑
(B)

↑
(C)

↑
(D)

↑
(E)

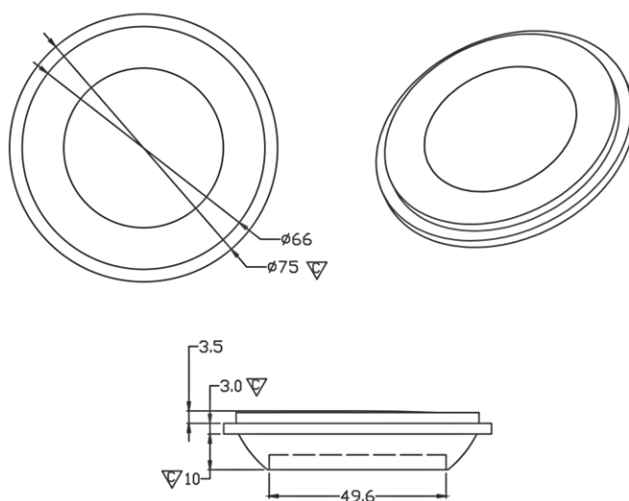


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
ZU→Multi-Angle Zooming Lens
HC→Holder for CoB LED

- C. Identity Code
- D. Lens / Fixture Size
Ex: 075026=Φ75mm / Thickness=26mm (round up)
- E. Serial Numbers

The lens datasheet is applicable for **Philips LED**, that manufactured by Chun Kuang Optics Corp.

✓ Dimensions (mm) : Φ75 x 16.5



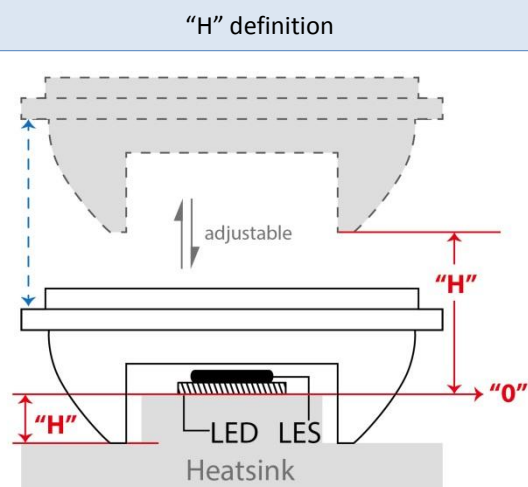
▽:Critical Dimension

[illegible]

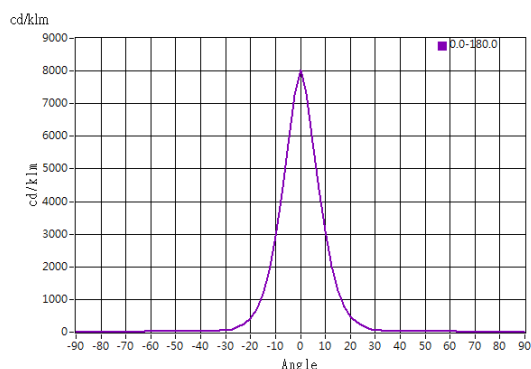


Optical Characteristics

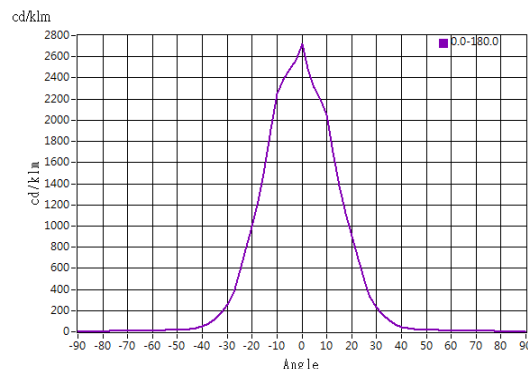
Model Number	CKO-ZU15-075017-9701
LED	Fortimo SLM 1204 L09 G7
LES / LED Size	Φ 9 mm
FWHM (D50)	16°-32°
Field Angle (D10)	34°-58°
H (distance)	4.5mm~+0.5mm
Dimension	Φ =75 mm, Thickness=16.5 mm
Luminous Flux	2268 lm ~ 2265 lm (16° ~ 32°) Measured @ 17.7 W
Material	PC / UL94V2



cd/klm

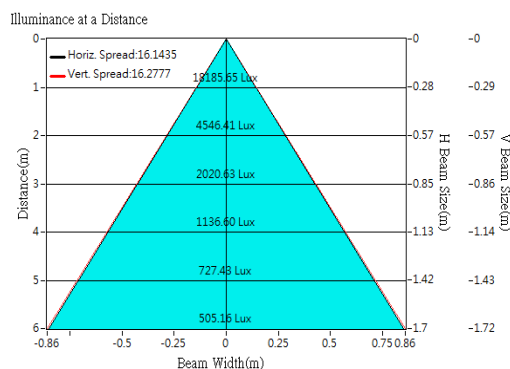


H: 4.5 mm

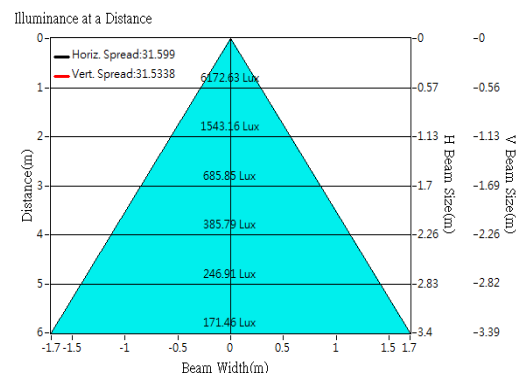


H: +0.5 mm

Illuminance At Distances



H: 4.5 mm

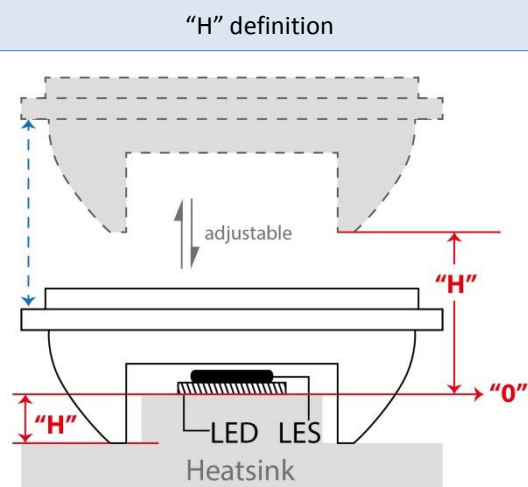


H: +0.5 mm

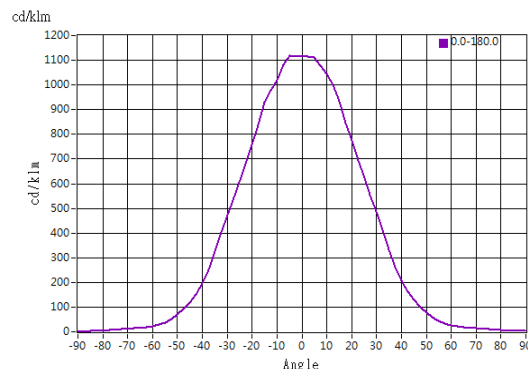
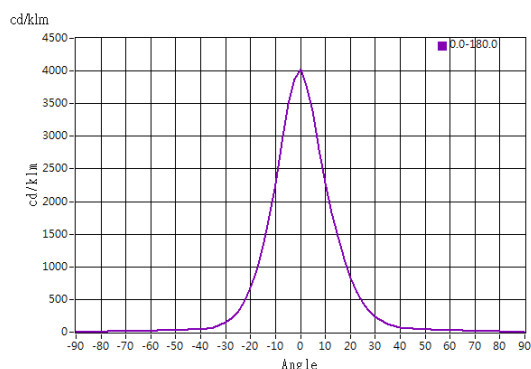


Optical Characteristics

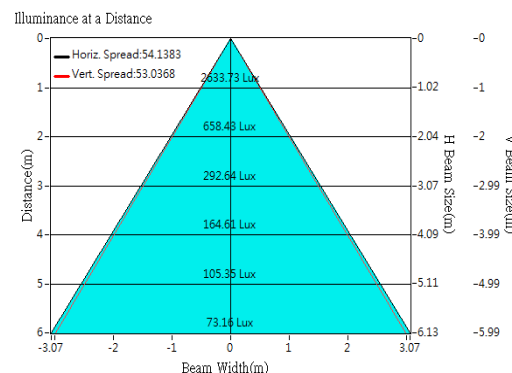
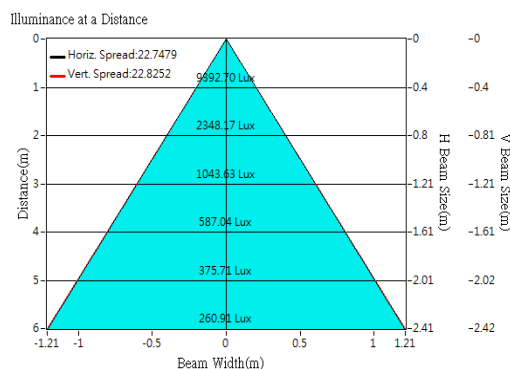
Model Number	CKO-ZU15-075017-9701
LED	Fortimo SLM 1205 L13 G6
LES / LED Size	Φ 13 mm
FWHM (D50)	23°-54°
Field Angle (D10)	49°-92°
H (distance)	3.2mm~1.3mm
Dimension	Φ =75 mm, Thickness=16.5 mm
Luminous Flux	2332 lm ~ 2363 lm (23° ~ 54°) Measured @ 17.7 W
Material	PC / UL94V2



cd/klm



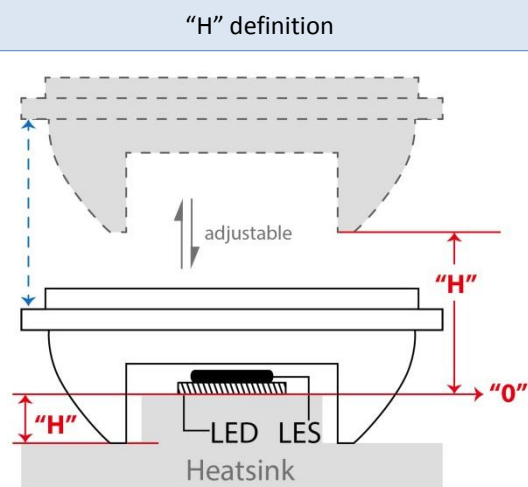
Illuminance At Distances



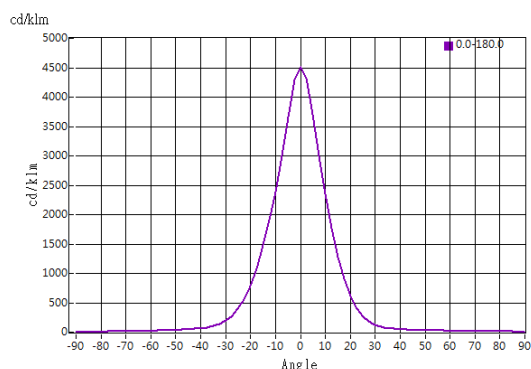


Optical Characteristics

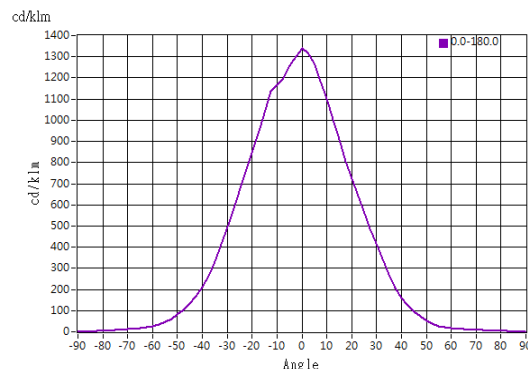
Model Number	CKO-ZU15-075017-9701
LED	Fortimo SLM 1205 L13 G7
LES / LED Size	Φ 13 mm
FWHM (D50)	21°-46°
Field Angle (D10)	46°-87°
H (distance)	5.2mm~1.3mm
Dimension	Φ =75 mm, Thickness=16.5 mm
Luminous Flux	2437 lm ~ 2663 lm (21° ~ 46°) Measured @ 17.7 W
Material	PC / UL94V2



cd/klm

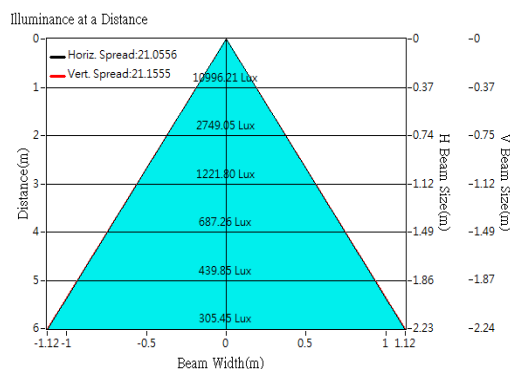


H: 5.2 mm

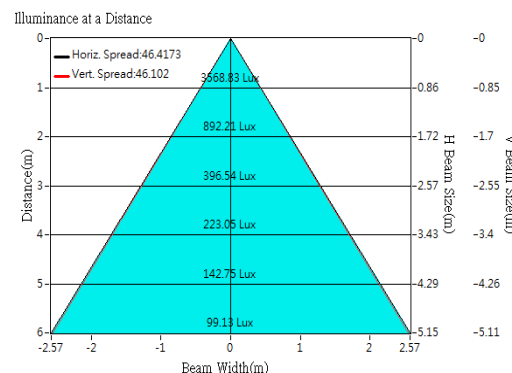


H: -1.3 mm

Illuminance At Distances



H: 5.2 mm

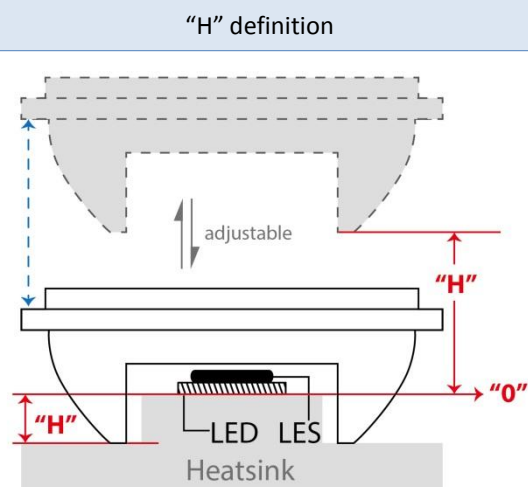


H: -1.3 mm

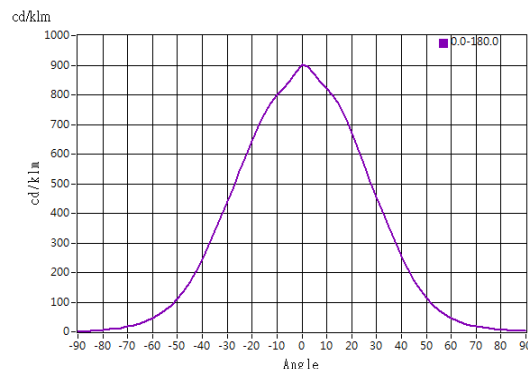
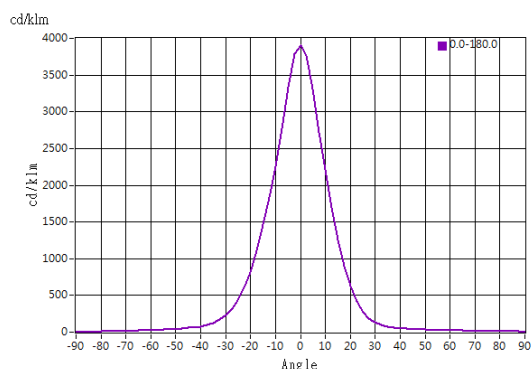


Optical Characteristics

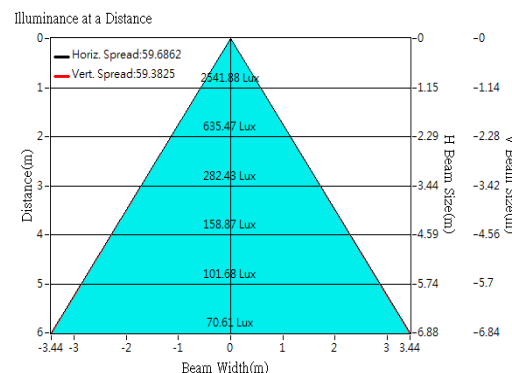
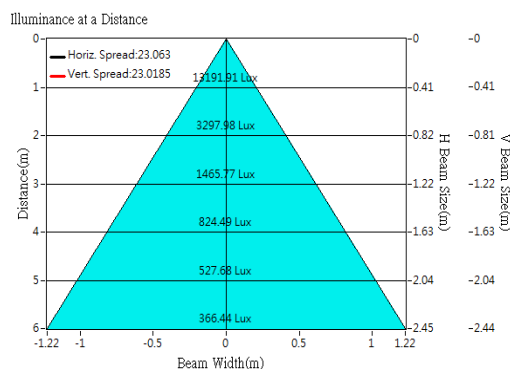
Model Number	CKO-ZU15-075017-9701
LED	Fortimo SLM 1208 L15 G6
LES / LED Size	Φ 15 mm
FWHM (D50)	23°-60°
Field Angle (D10)	49°-105°
H (distance)	5.5mm~2.5mm
Dimension	Φ =75 mm, Thickness=16.5 mm
Luminous Flux	3380 lm ~ 2820 lm (23° ~ 60°) Measured @ 27.0 W
Material	PC / UL94V2



cd/klm



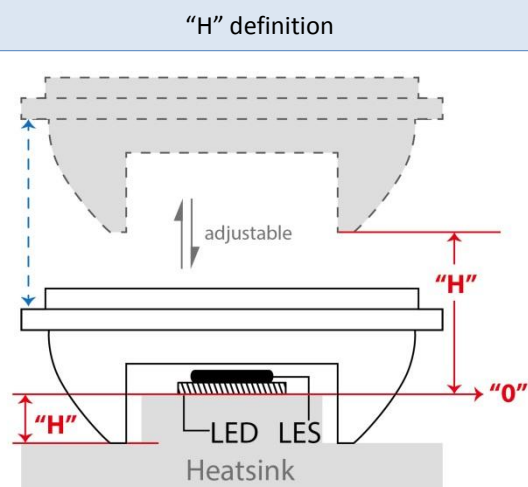
Illuminance At Distances



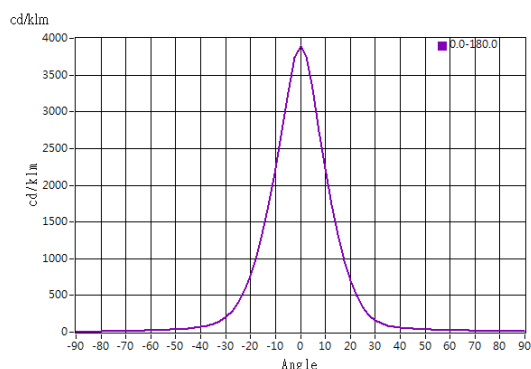


Optical Characteristics

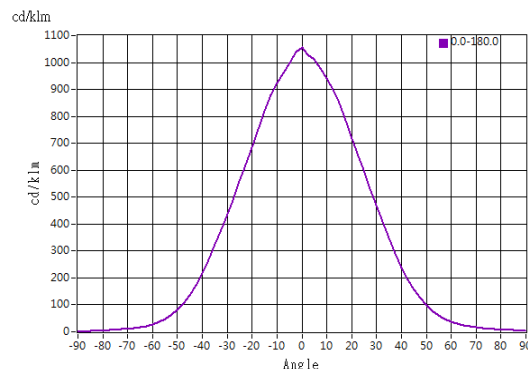
Model Number	CKO-ZU15-075017-9701
LED	Fortimo SLM 1208 L15 G7
LES / LED Size	Φ 15 mm
FWHM (D50)	23°-54°
Field Angle (D10)	49°-97°
H (distance)	4.5mm~1.8mm
Dimension	Φ =75 mm, Thickness=16.5 mm
Luminous Flux	3148 lm ~ 3247 lm (23° ~ 54°) Measured @ 26.5 W
Material	PC / UL94V2



cd/klm

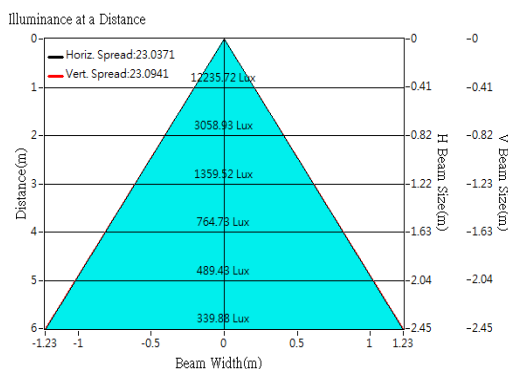


H: 4.5 mm

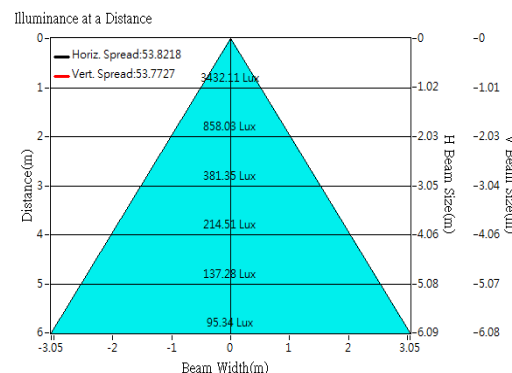


H: -1.8 mm

Illuminance At Distances



H: 4.5 mm



H: -1.8 mm