



Product Model Number

CKO-CH15-110058-3970

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

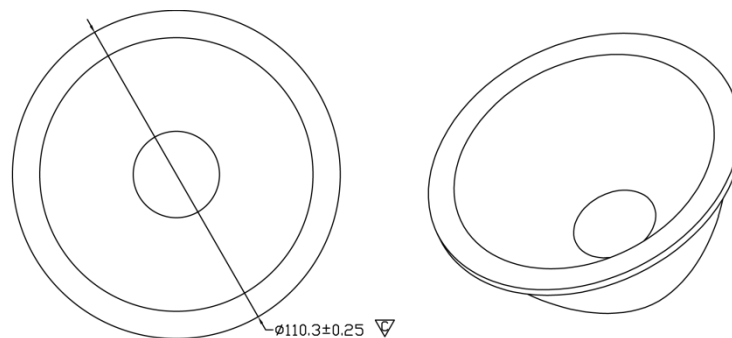


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ110 x 57.8



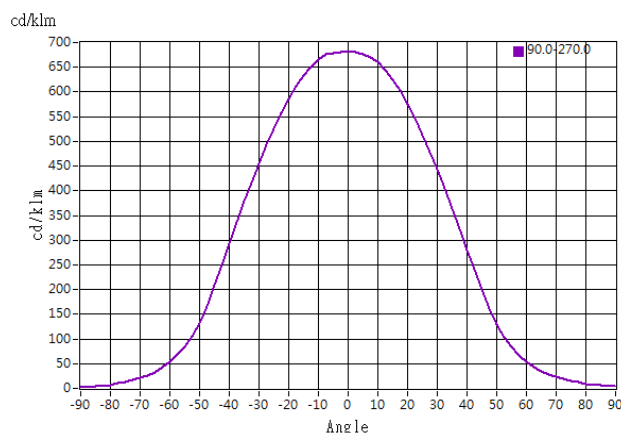
▽:Critical Dimension



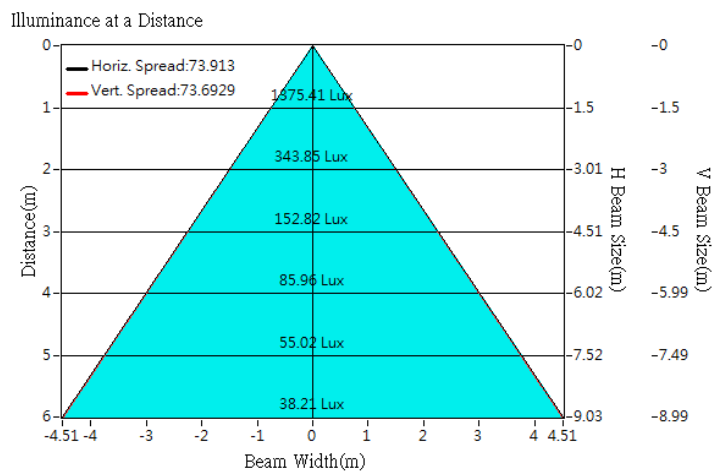
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1205 L13 G7		
LES / LED Size	Φ 13 mm		
FWHM (D50)	74°		
Field Angle (D10)	115°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2024 lm	Measured @ 17.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

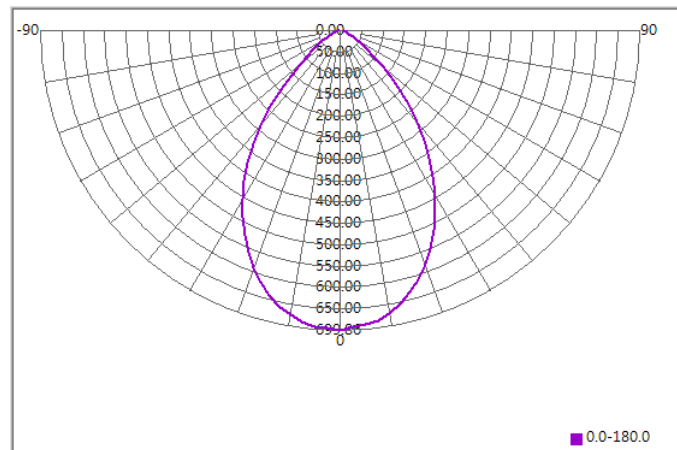




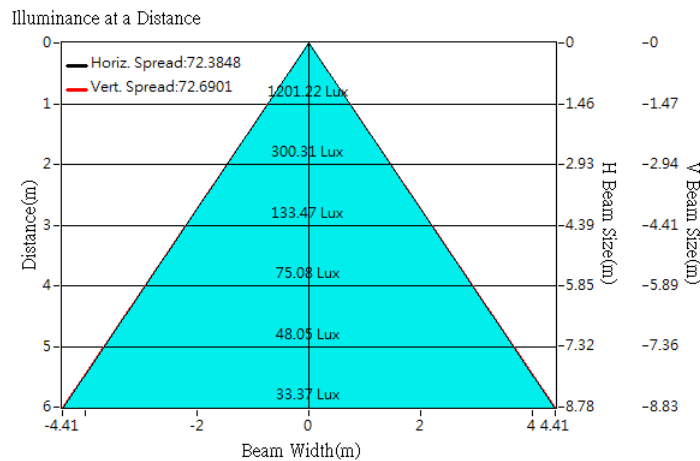
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1205 L13 G6		
LES / LED Size	Φ 13 mm		
FWHM (D50)	73°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	1716 lm	Measured @ 17.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

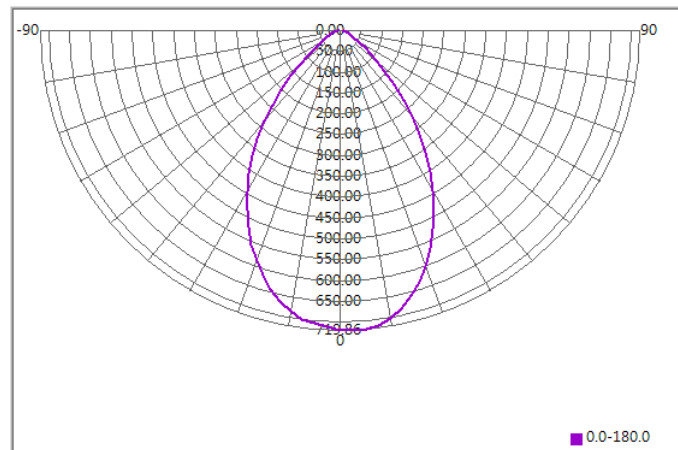




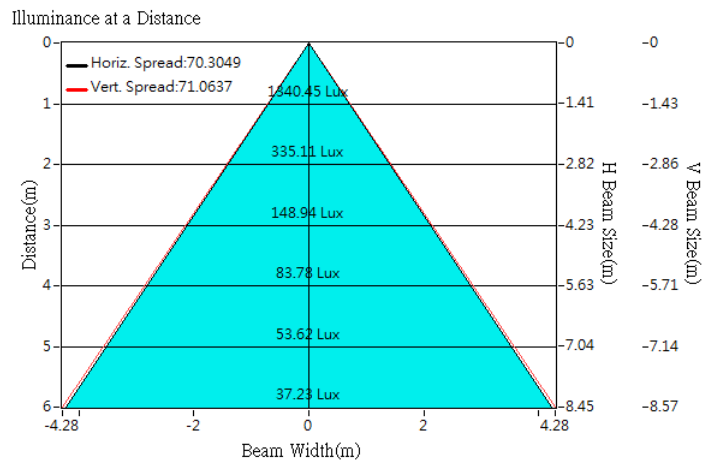
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1205 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	71°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	1862 lm	Measured @ 15.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

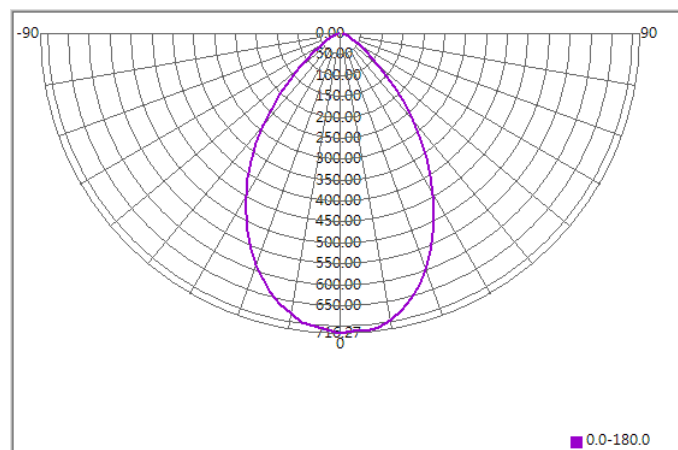




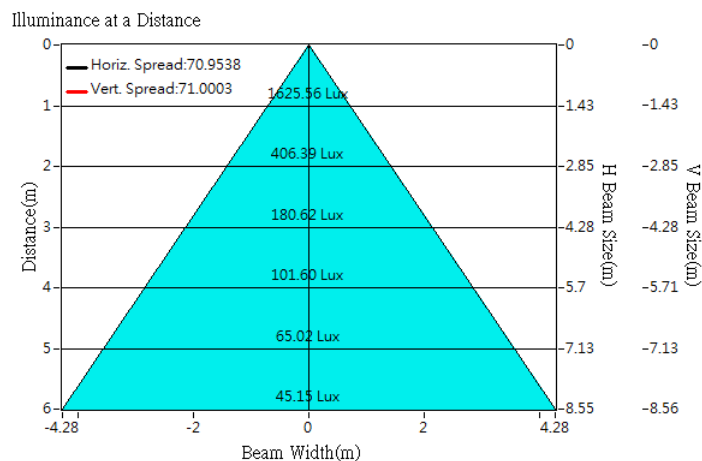
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1206 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	71°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2269 lm	Measured @ 18.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

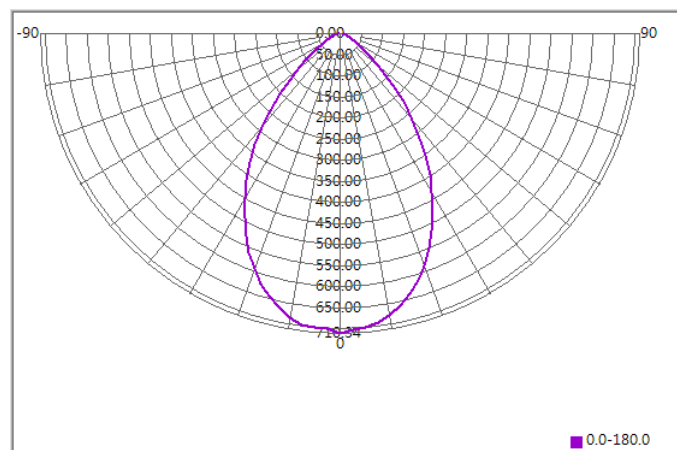




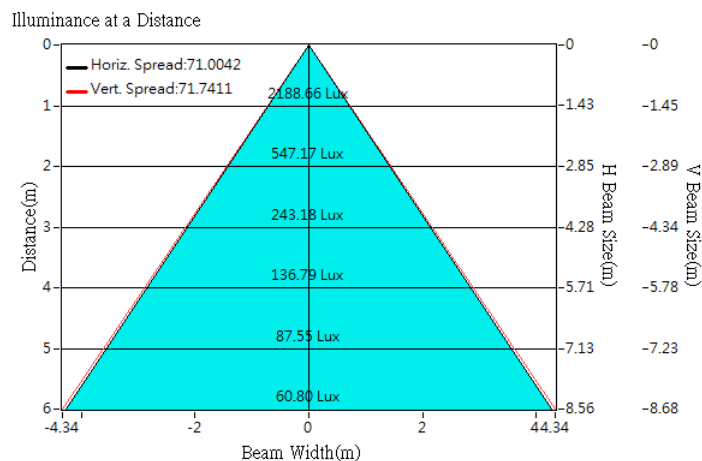
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7N		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	72°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3081 lm	Measured @ 25.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

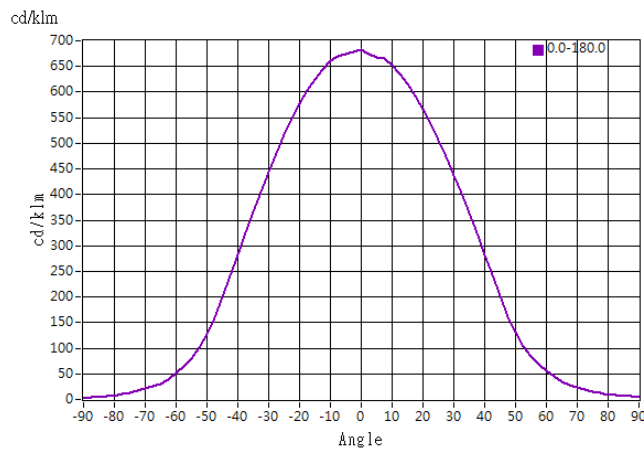




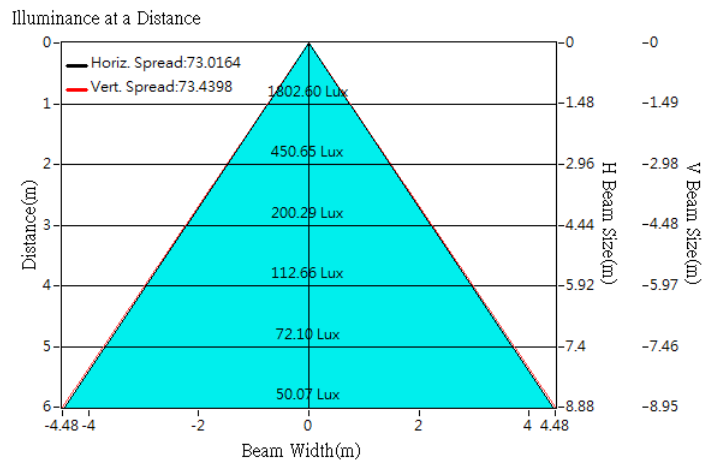
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G7		
LES / LED Size	Φ 15 mm		
FWHM (D50)	73°		
Field Angle (D10)	115°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2644 lm	Measured @ 26.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

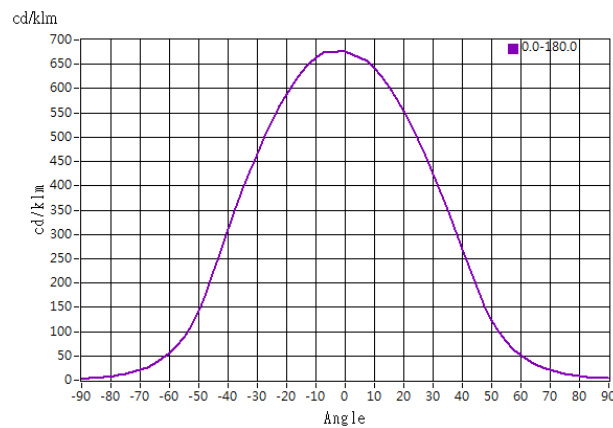




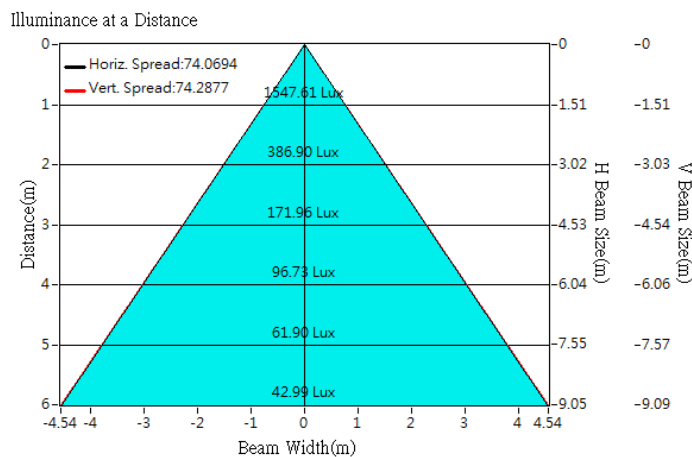
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1208 L15 G6		
LES / LED Size	Φ 15 mm		
FWHM (D50)	74°		
Field Angle (D10)	115°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2291 lm	Measured @ 26.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

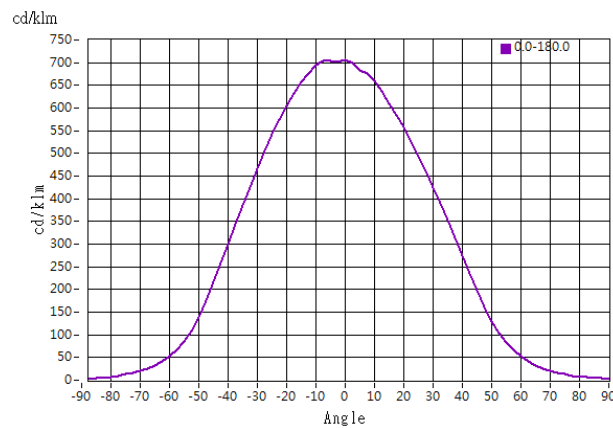




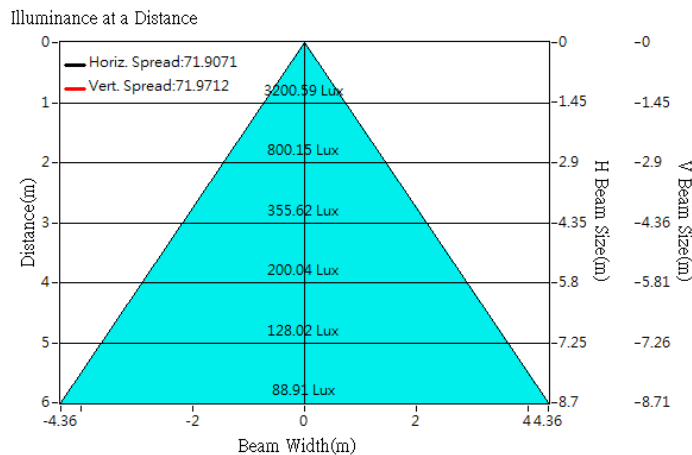
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1211 L19 G6		
LES / LED Size	Φ 19 mm		
FWHM (D50)	72°		
Field Angle (D10)	114°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	4538 lm	Measured @ 44.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

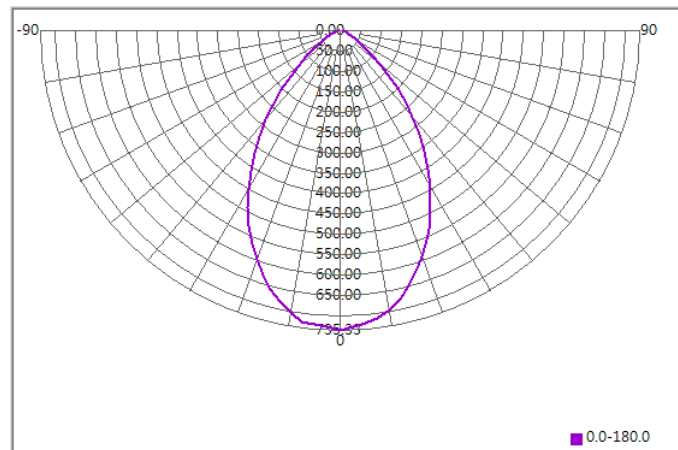




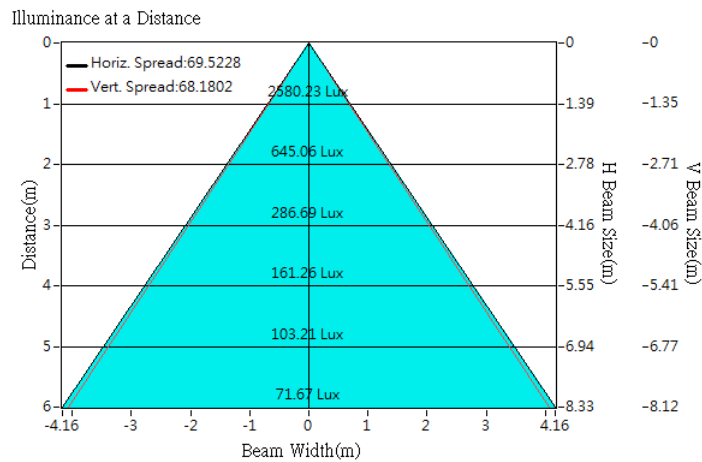
Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1211 L22 G7N		
LES / LED Size	Φ 22 mm		
FWHM (D50)	68°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3508 lm	Measured @ 34.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

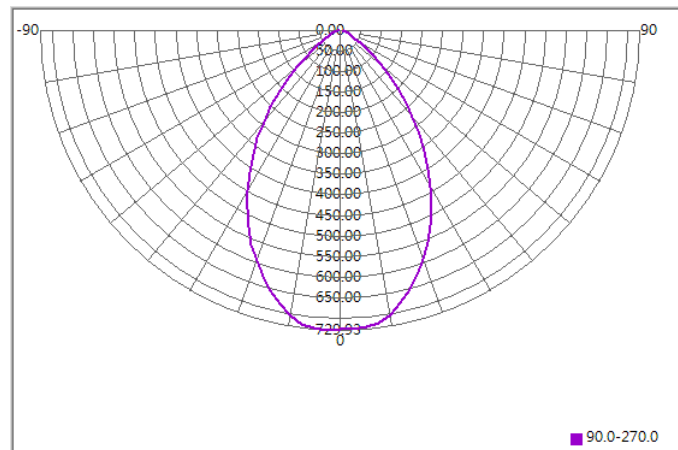




Optical Characteristics

Model Number	CKO-CH15-110058-3970		<p>"H" definition</p>
LED	Fortimo SLM 1212 L22 G7N		
LES / LED Size	Φ 22 mm		
FWHM (D50)	70°		
Field Angle (D10)	112°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3753 lm	Measured @ 37.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

