

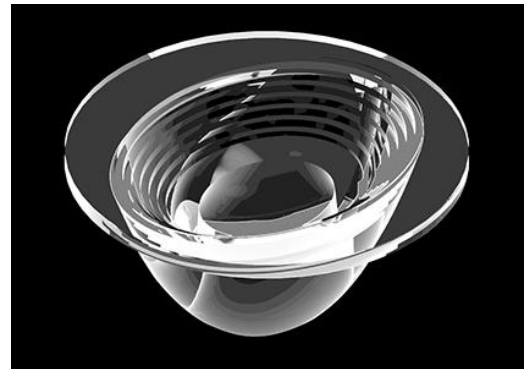


## Product Model Number

**CKO-CH15-045021-1670**

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

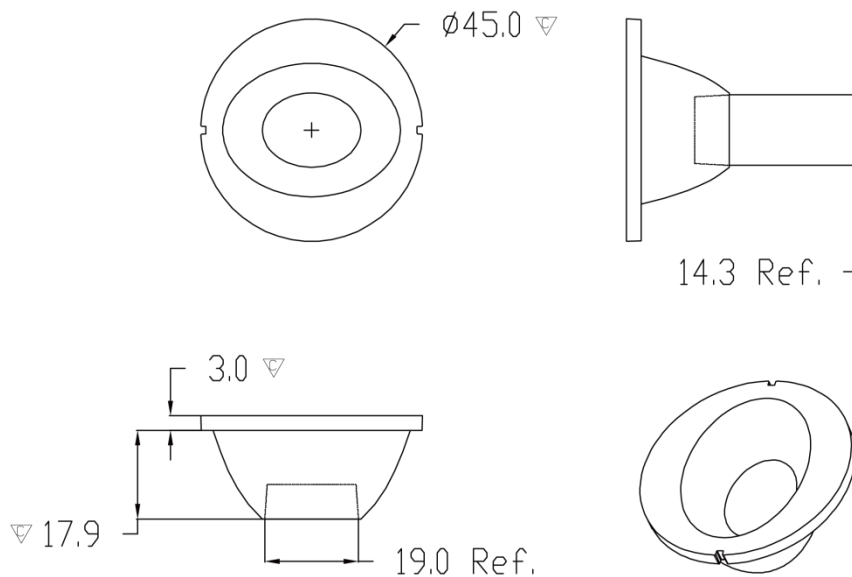


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- 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) : Φ45 x 20.9



▽:Critical Dimension

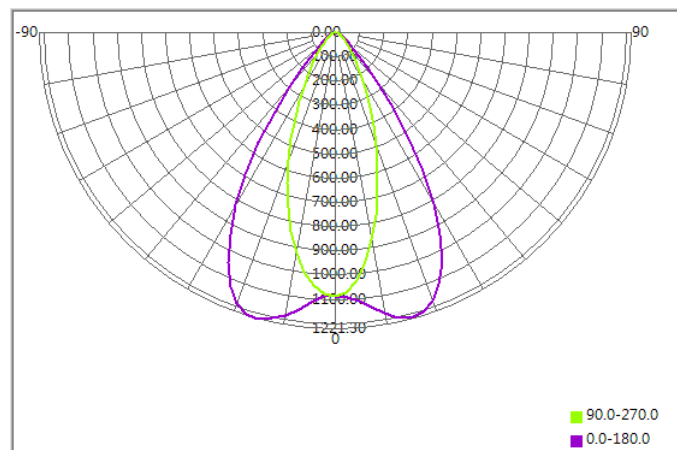




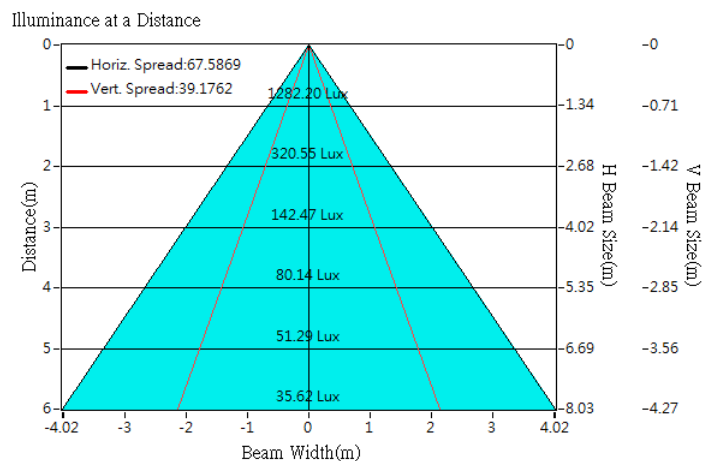
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	39°x68°		
Field Angle (D10)	81°x93°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1178 lm	Measured @ 10.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

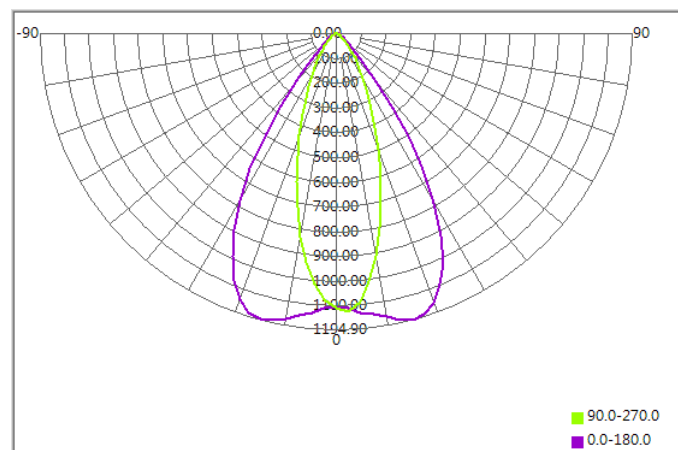




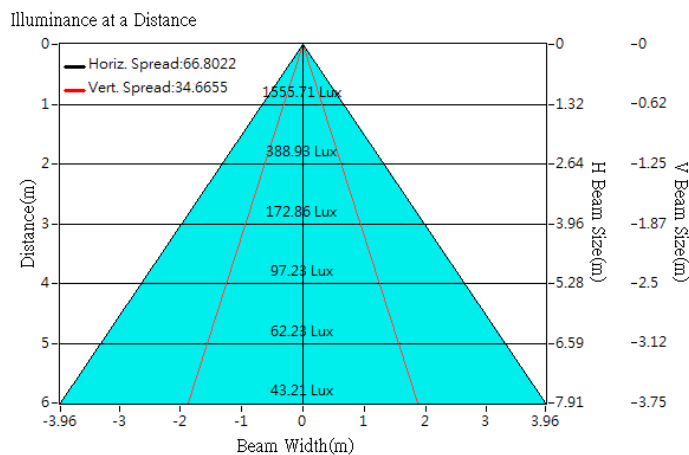
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	35°x67°		
Field Angle (D10)	76°x90°		
H (distance)	3.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1403 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

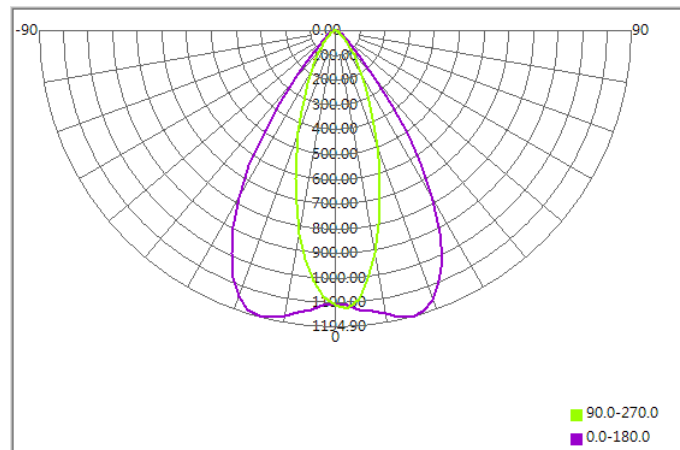




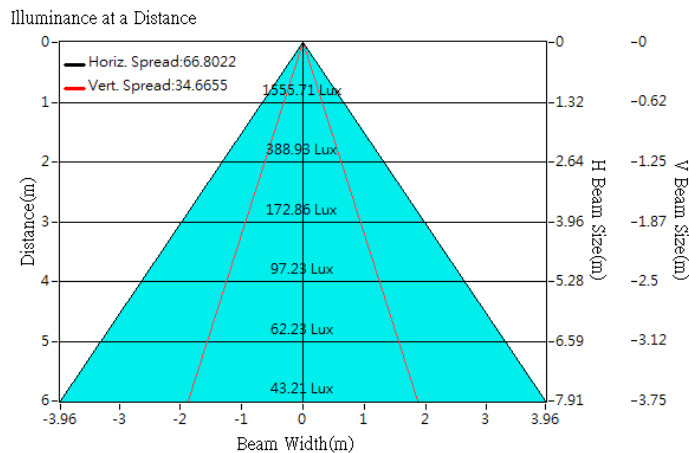
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	35°x67°		
Field Angle (D10)	76°x90°		
H (distance)	3.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1403 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

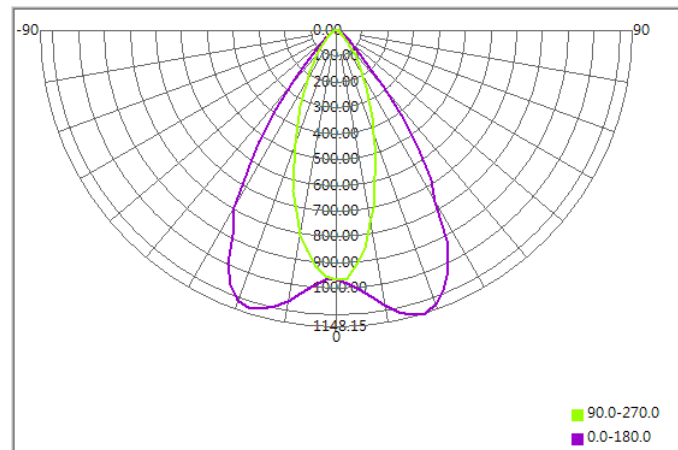




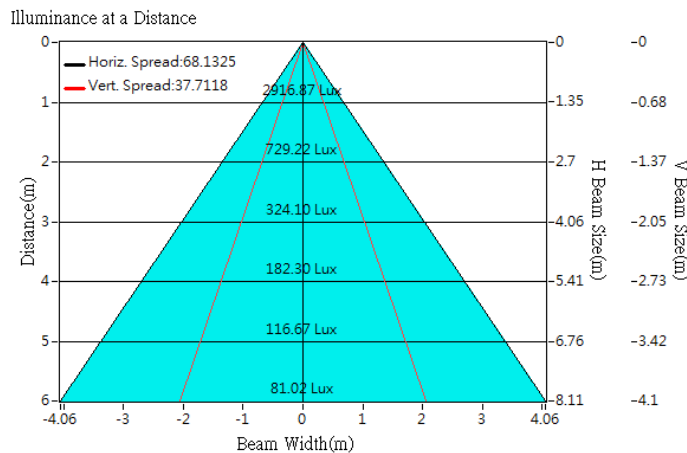
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p>
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	38°x68°		
Field Angle (D10)	82°x92°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	3012 lm	Measured @ 25.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

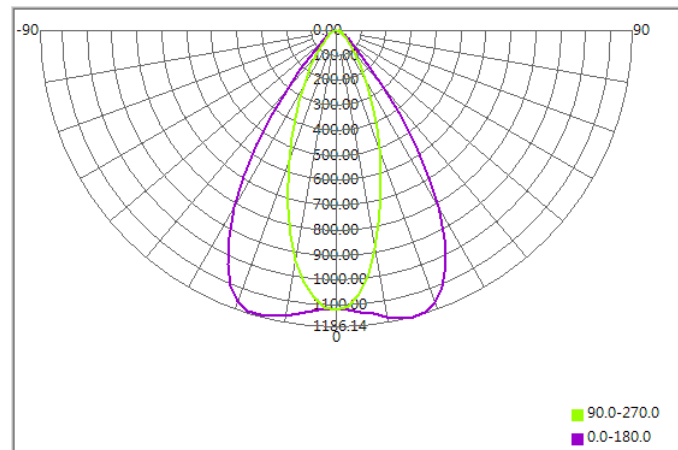




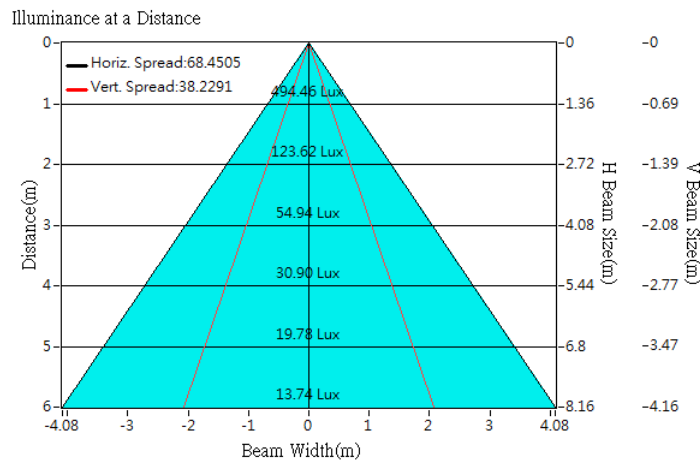
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p> <p>LES</p> <p>CoB</p>
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	38°x68°		
Field Angle (D10)	82°x94°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	441.2 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

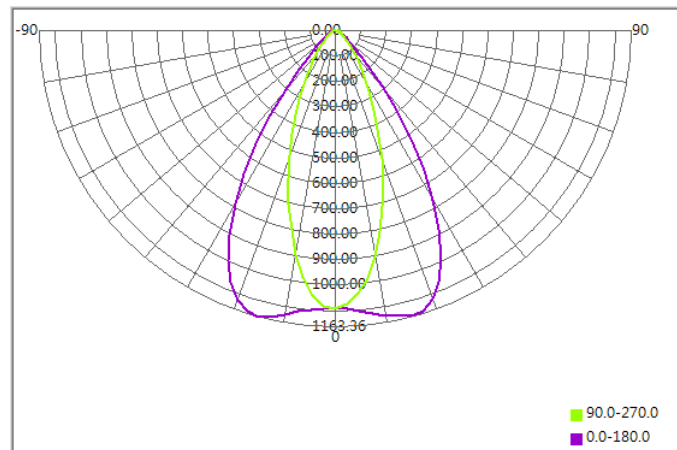




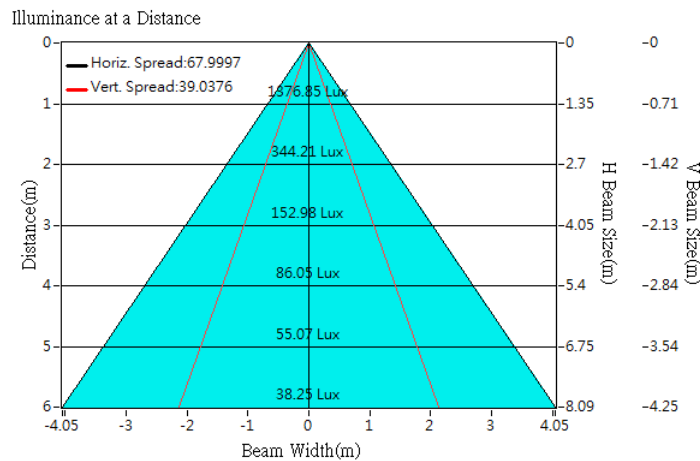
## Optical Characteristics

Model Number	CKO-CH15-045021-1670		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	39°x68°		
Field Angle (D10)	82°x95°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1262 lm	Measured @ 9.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

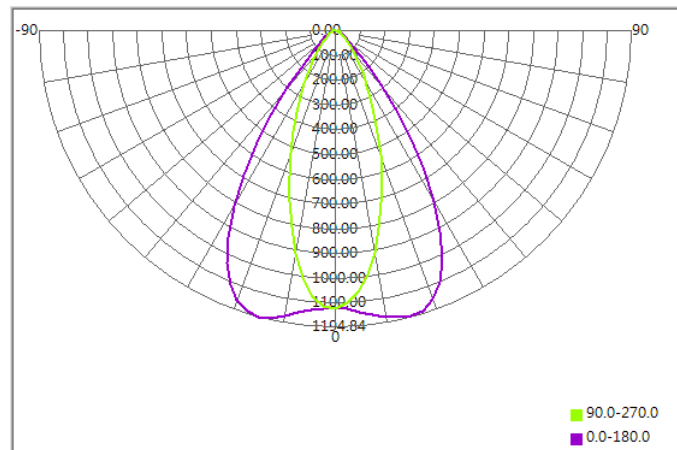




## Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	38°x68°		
Field Angle (D10)	81°x94°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1623 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

