



## Product Model Number

CKO-CS18-035018-1301

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

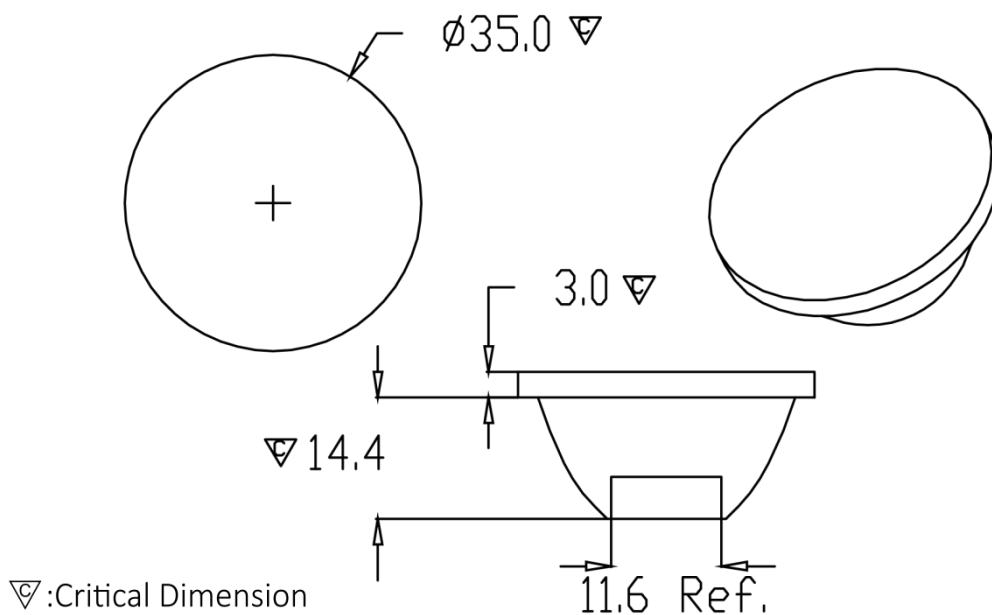


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- 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) : Φ35 x 17.4



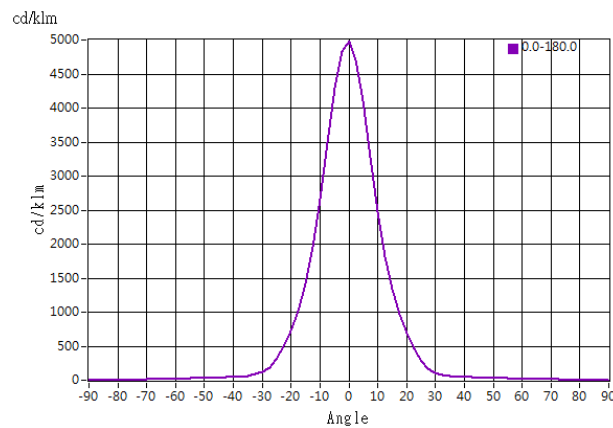




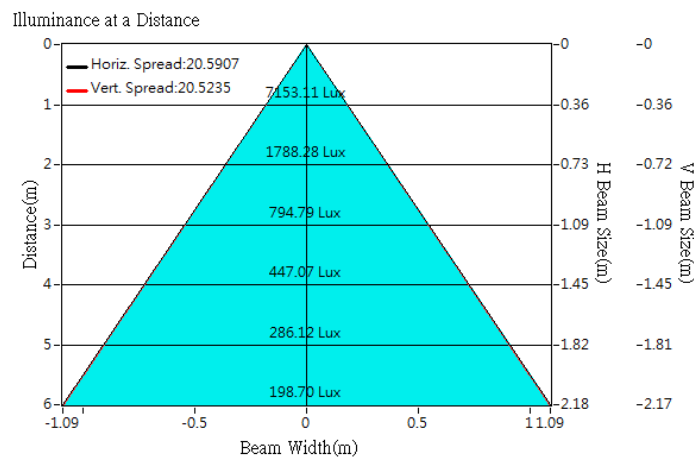
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	Fortimo SLM 1202 L06 G7		
LES / LED Size	Φ 6.5 mm		
FWHM (D50)	21°		
Field Angle (D10)	44°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1436 lm	Measured @ 13 W	
Material	PC / UL94V2		

## cd/klm

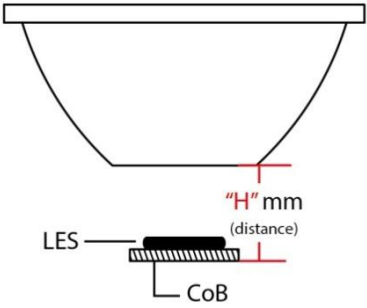


## Illuminance At Distances

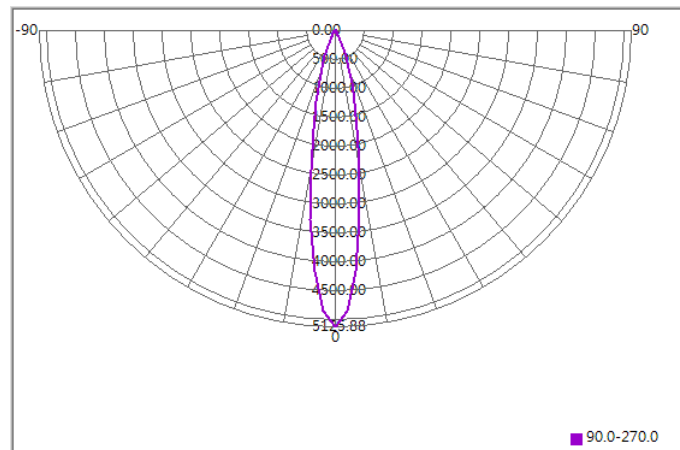




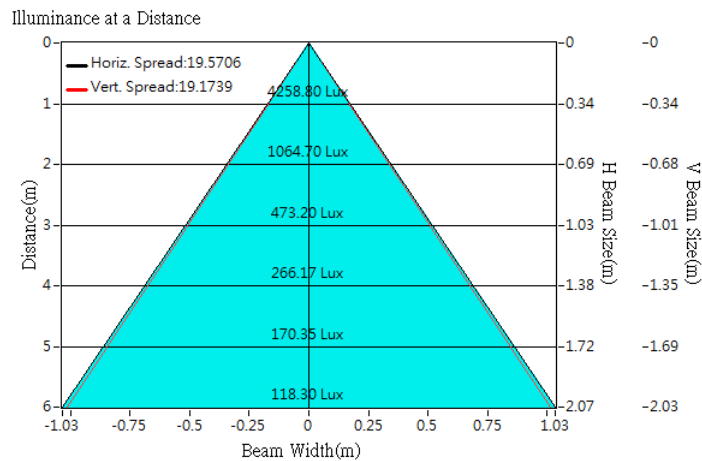
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> 
LED	Fortimo SLM 1202 L06 G6		
LES / LED Size	Φ 6.5 mm		
FWHM (D50)	19°		
Field Angle (D10)	45°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	830 lm	Measured @ 7.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

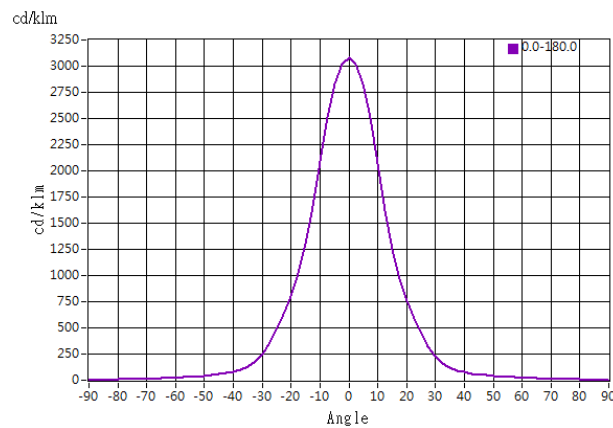




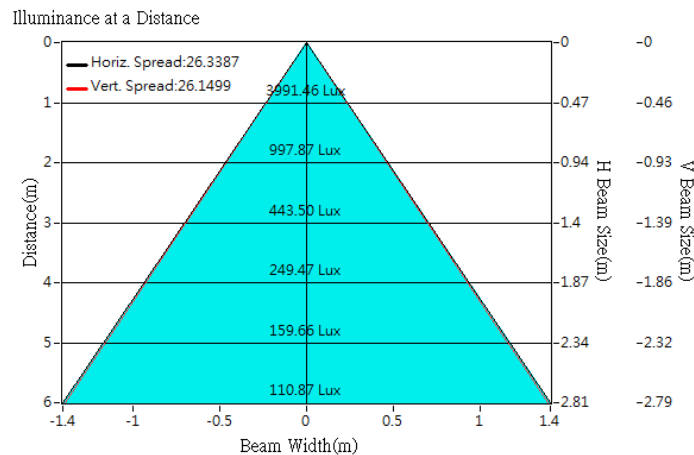
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	26°		
Field Angle (D10)	57°		
H (distance)	3.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1294 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

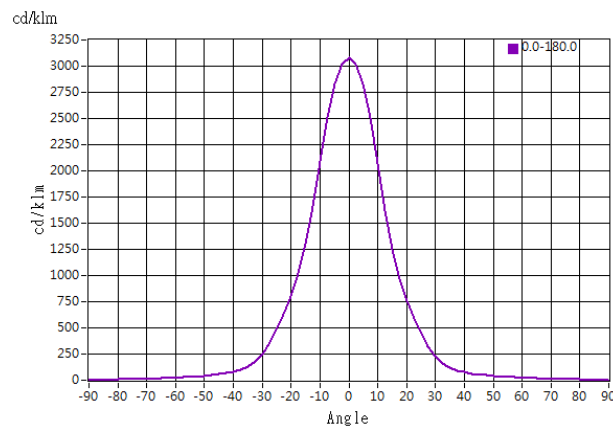




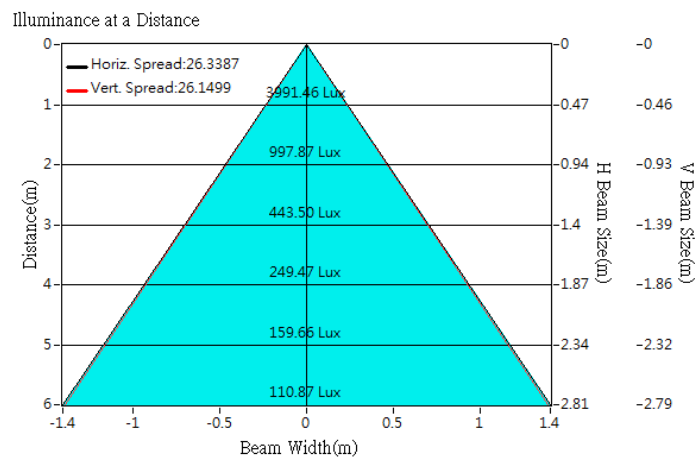
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	26°		
Field Angle (D10)	57°		
H (distance)	3.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1294 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

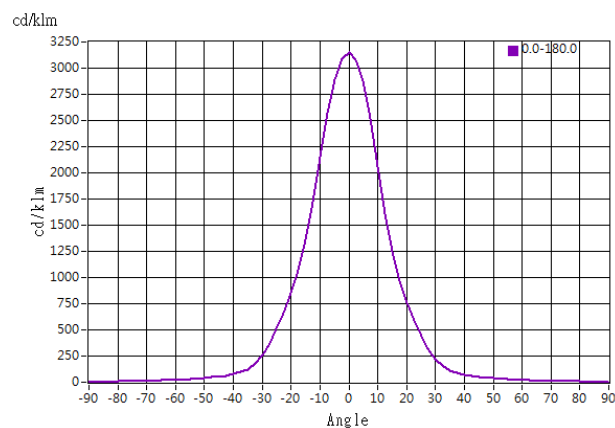




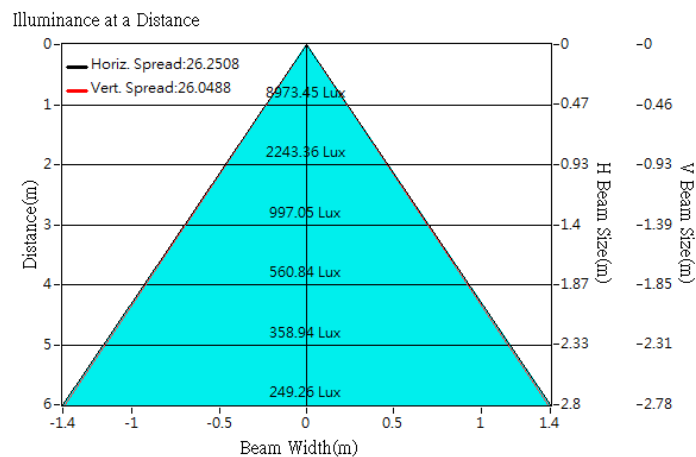
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	26°		
Field Angle (D10)	56°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	2852 lm	Measured @ 25.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

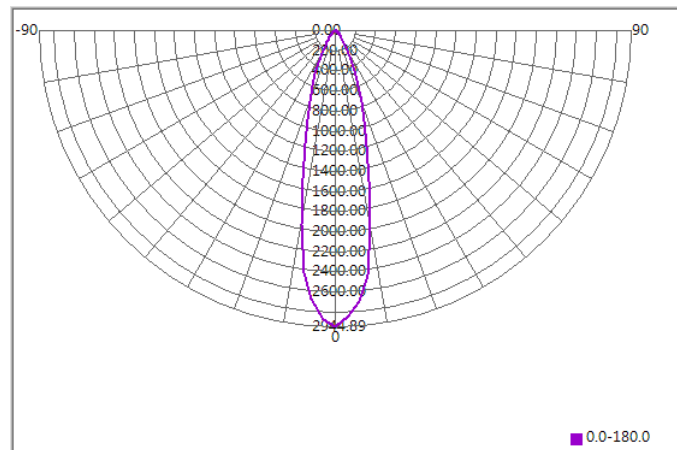




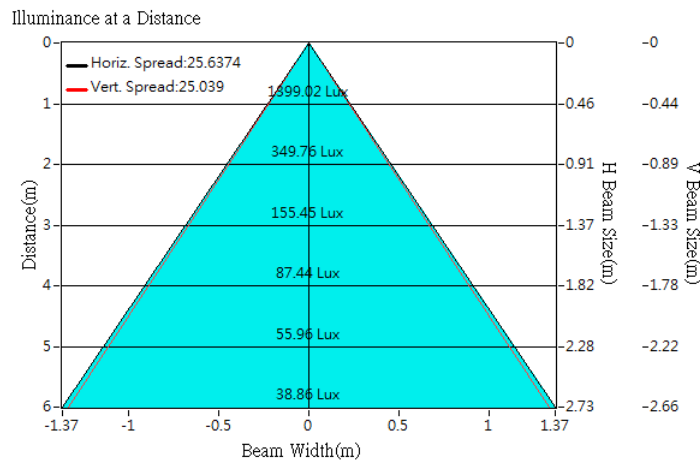
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> <p>LES CoB "H" mm (distance)</p>
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	25°		
Field Angle (D10)	58°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	475 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances



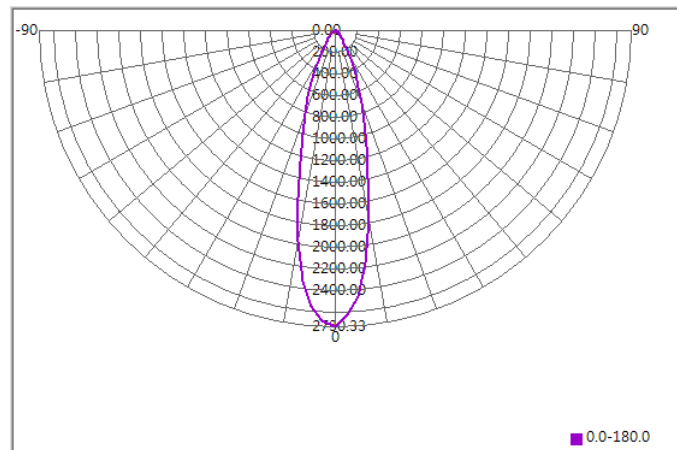




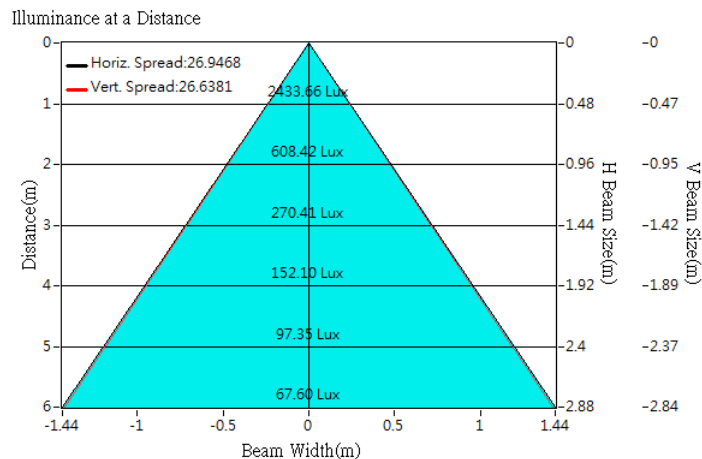
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p>
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	27°		
Field Angle (D10)	60°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	891 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

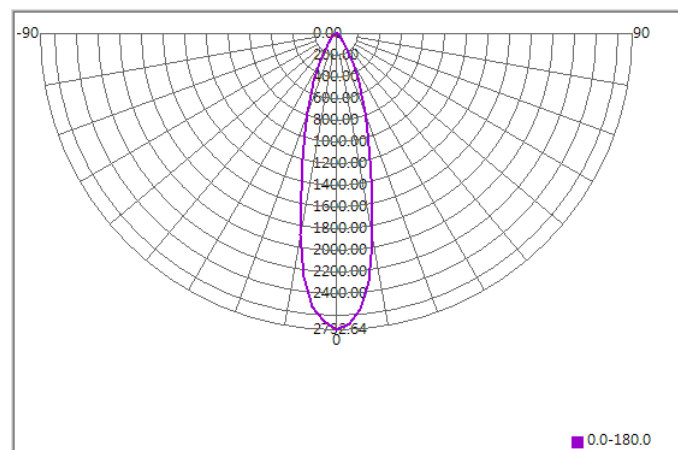




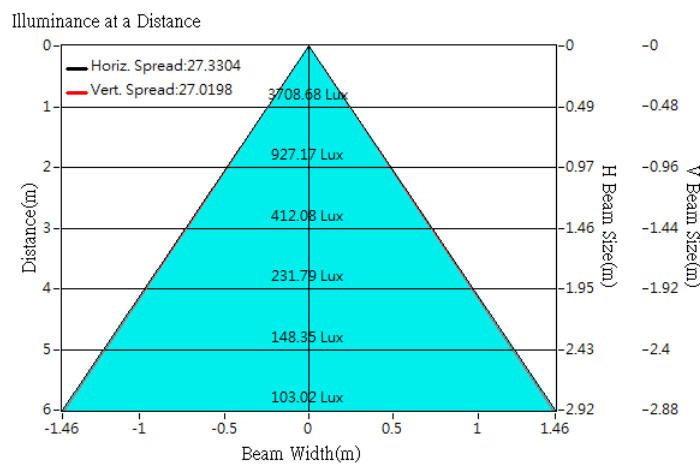
## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> <p>LES CoB "H" mm (distance)</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	27°		
Field Angle (D10)	61°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1357 lm	Measured @ 9.2 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

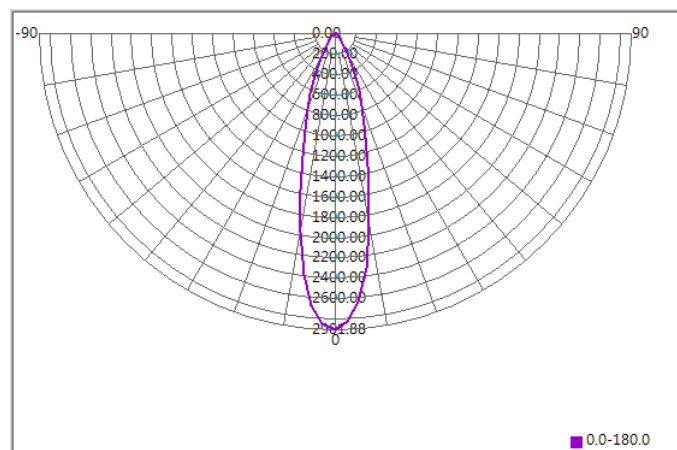




## Optical Characteristics

Model Number	CKO-CS18-035018-1301		<p>"H" definition</p> <p>LES CoB "H" mm (distance)</p>
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	26°		
Field Angle (D10)	59°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1804 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

