



## Product Model Number

CKO-CH17-060033-0201

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

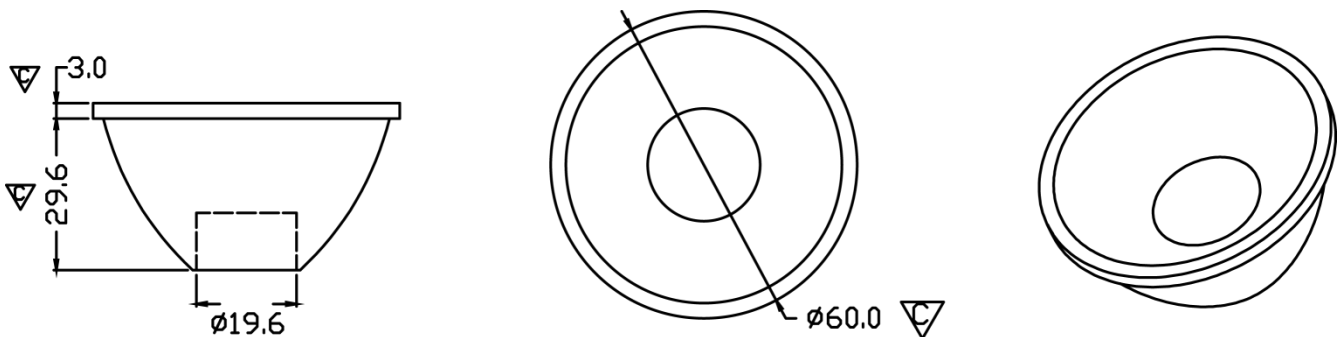


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

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

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

### ✓ Dimensions (mm) : Φ 60 x 32.6



▽:Critical Dimension

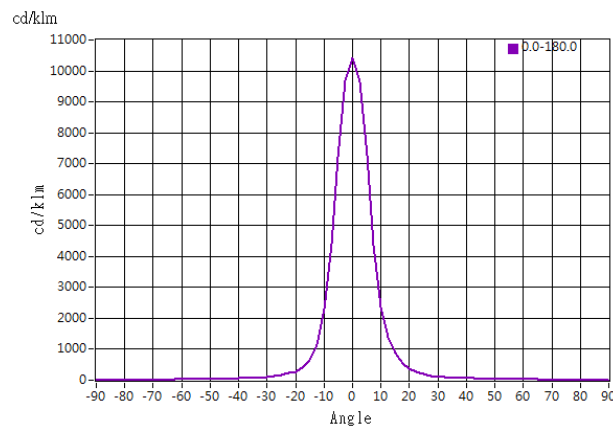




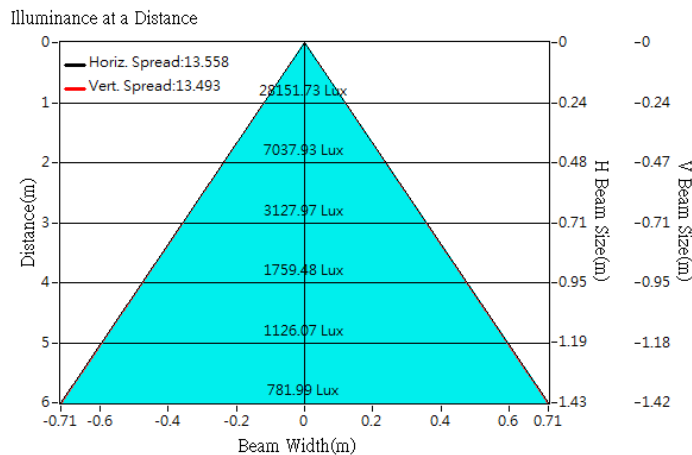
## Optical Characteristics

Model Number	CKO-CH17-060033-0201	<p>"H" definition</p>
LED	<b>CLU 711</b>	
LES / LED Size	Φ 8.5 mm	
FWHM (D50)	13°	
Field Angle (D10)	27°	
H (distance)	3.65mm	
Dimension	Φ =60 mm, Thickness=32.6 mm	
Luminous Flux	2701 lm	
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

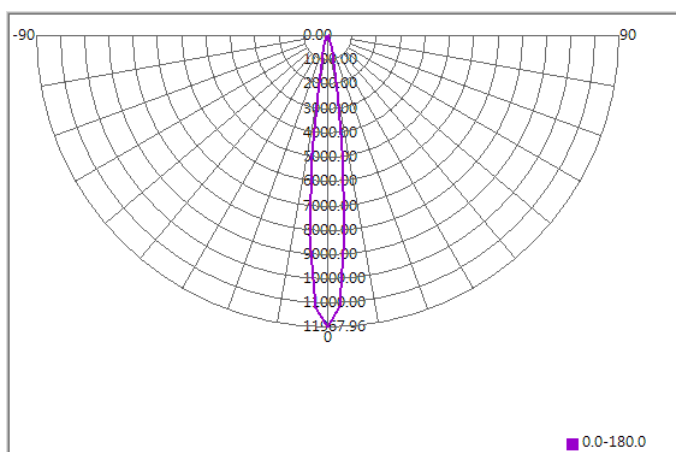




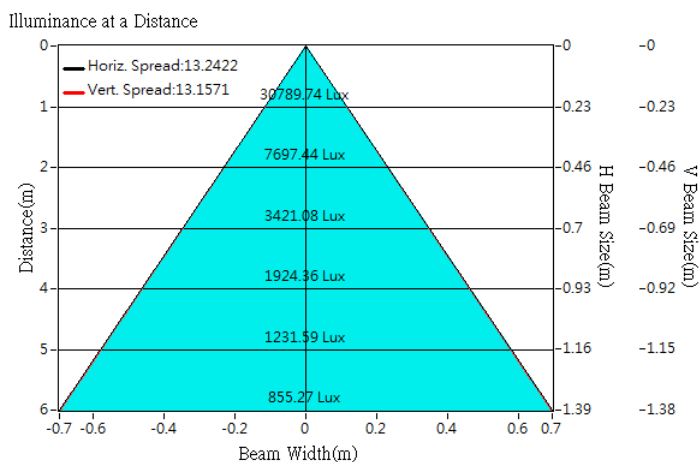
## Optical Characteristics

Model Number	CKO-CH17-060033-0201	<p>"H" definition</p> <p>LES CoB</p>	
LED	<b>CLU 710</b>		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	13°		
Field Angle (D10)	25°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=32.6 mm		
Luminous Flux	2572 lm		Measured @ 26.3 W
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

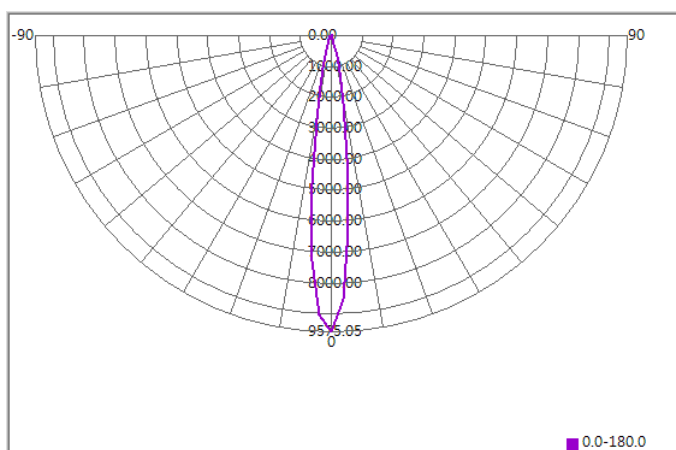




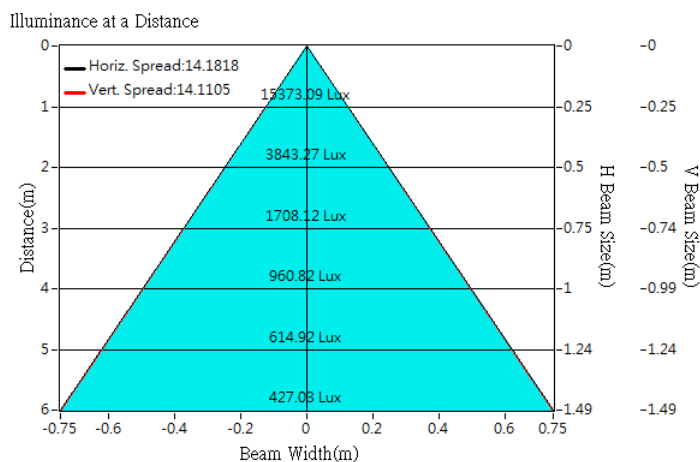
## Optical Characteristics

Model Number	CKO-CH17-060033-0201	<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CLU 028</b>	
LES / LED Size	Φ 9.8 mm	
FWHM (D50)	14°	
Field Angle (D10)	30°	
H (distance)	3.65mm	
Dimension	Φ =60 mm, Thickness=32.6 mm	
Luminous Flux	1605 lm	
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

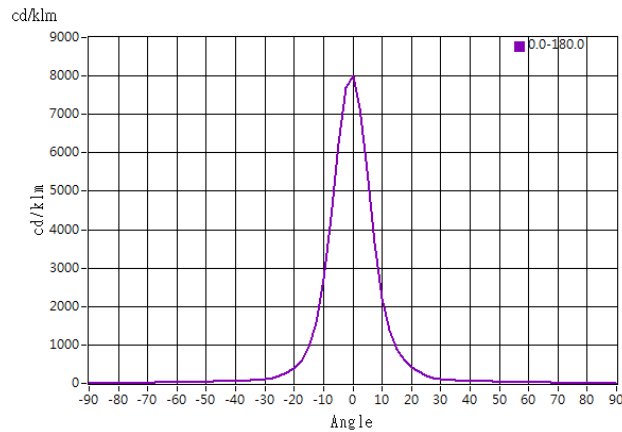




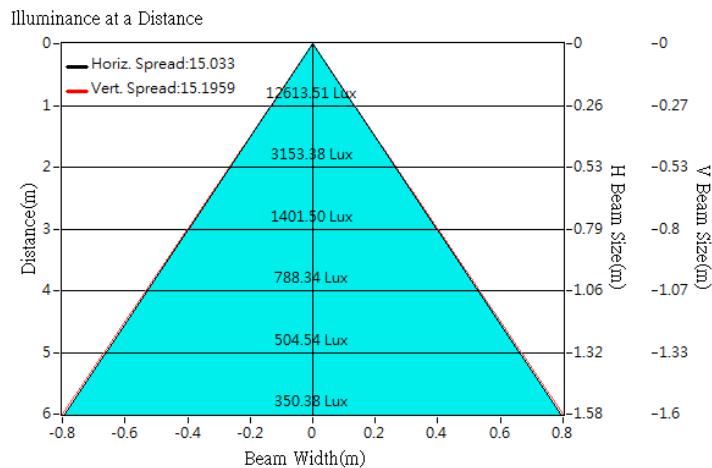
## Optical Characteristics

Model Number	CKO-CH17-060033-0201		<p>"H" definition</p>
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	15°		
Field Angle (D10)	32°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=32.6 mm		
Luminous Flux	1574 lm	Measured @ 12.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

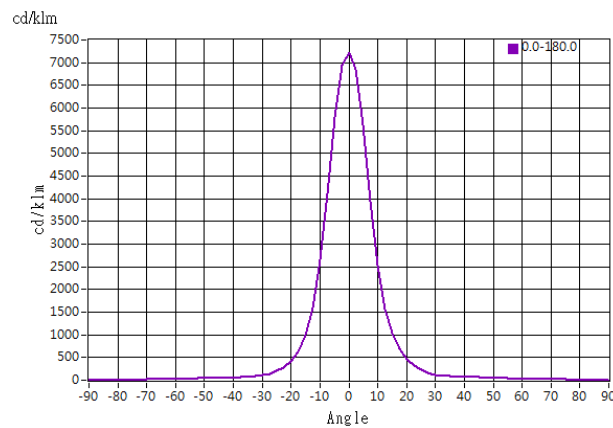




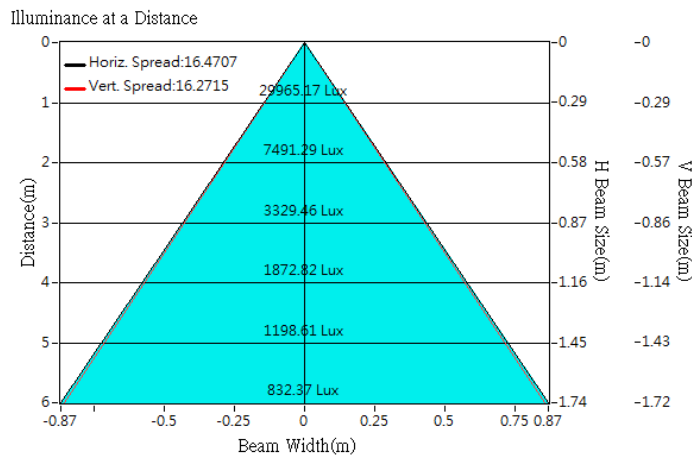
## Optical Characteristics

Model Number	CKO-CH17-060033-0201		<p>"H" definition</p>
LED	<b>CLU 721</b>		
LES / LED Size	Φ 11 mm		
FWHM (D50)	16°		
Field Angle (D10)	34°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=32.6 mm		
Luminous Flux	4152 lm	Measured @ 39.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

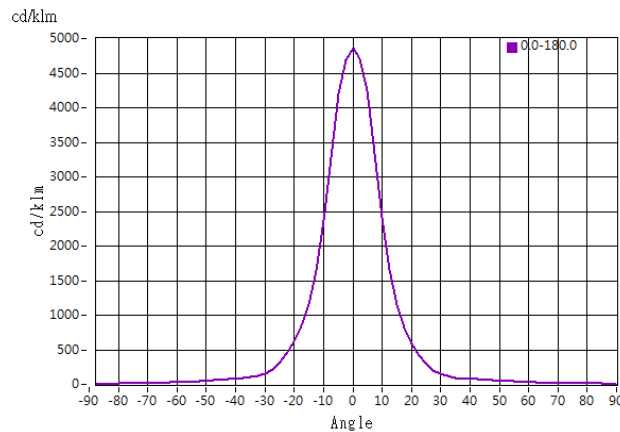




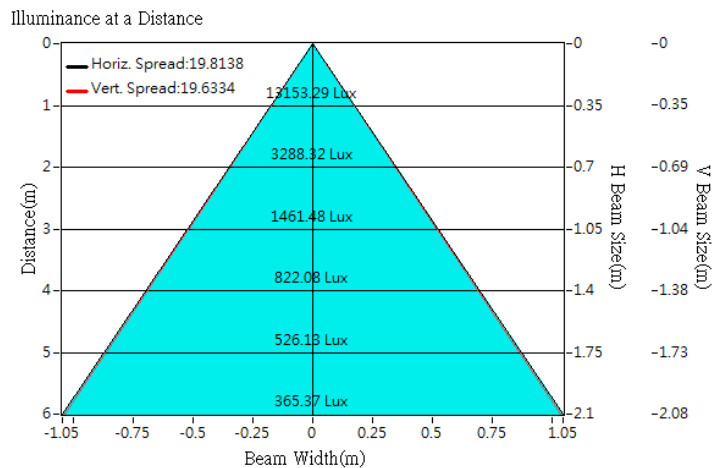
## Optical Characteristics

Model Number	CKO-CH17-060033-0201	<p>"H" definition</p>
LED	<b>CLU 038</b>	
LES / LED Size	Φ 14.5 mm	
FWHM (D50)	19°	
Field Angle (D10)	43°	
H (distance)	3.65mm	
Dimension	Φ =60 mm, Thickness=32.6 mm	
Luminous Flux	2707 lm	
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances

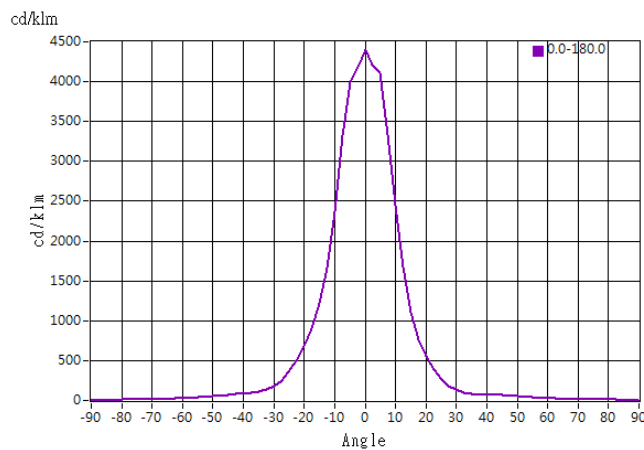




## Optical Characteristics

Model Number	CKO-CH17-060033-0201		<p>"H" definition</p> <p>LES CoB</p>
LED	CLL 036		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	21°		
Field Angle (D10)	45°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=32.6 mm		
Luminous Flux	1901 lm	Measured @ 15.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

