

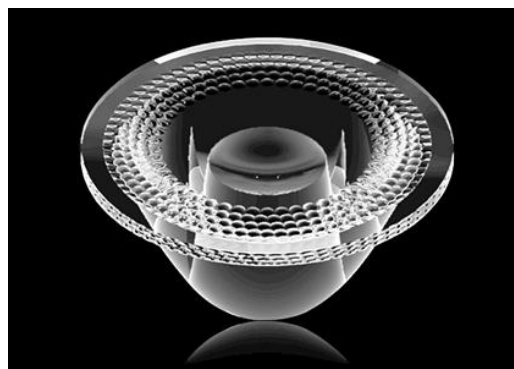


## Product Model Number

**CKO-CS15-075033-4005**

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

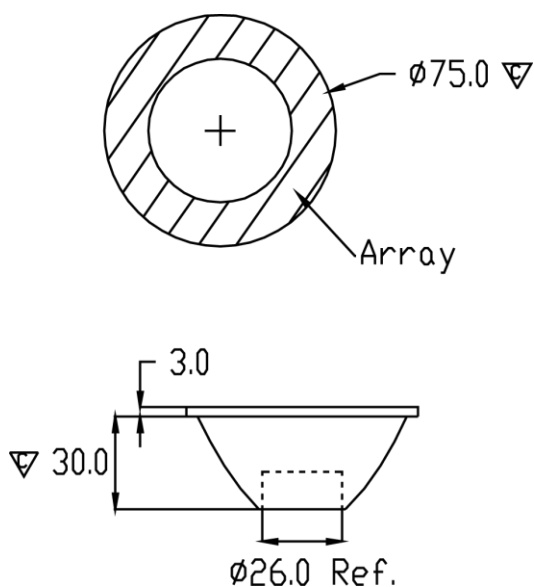


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- 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) : Φ75 x 33



▽:Critical Dimension



✓ Optical Characteristics – Angle Performances

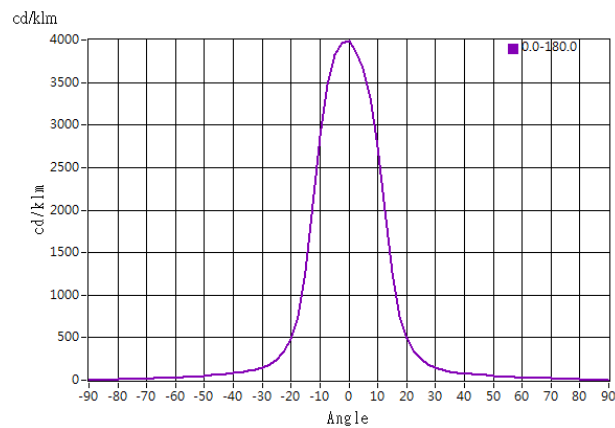
Citizen	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CLU 711	Φ8.5	25°	43°
CLU 710	Φ8.5	28°	45°
CLU 028	Φ9.8	32°	51°
CLU 026	Φ9.8	29°	47°
CLU 720	Φ11	30°	49°
CLU 730	Φ13	30°	50°
CLU 038	Φ14.5	29°	49°
CLU 036	Φ14.5	32°	53°
CLU 048	Φ22	40°	69°



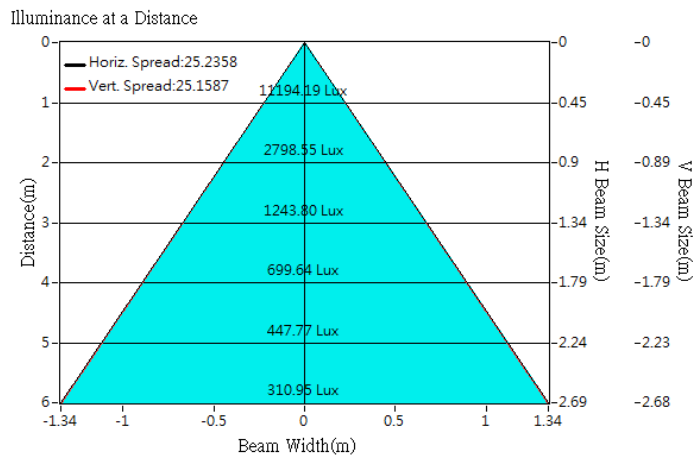
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 711		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	25°		
Field Angle (D10)	43°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2809 lm	Measured @ 25.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

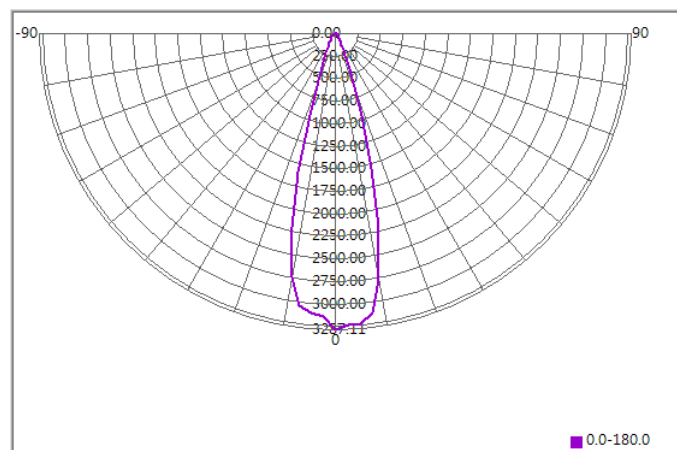




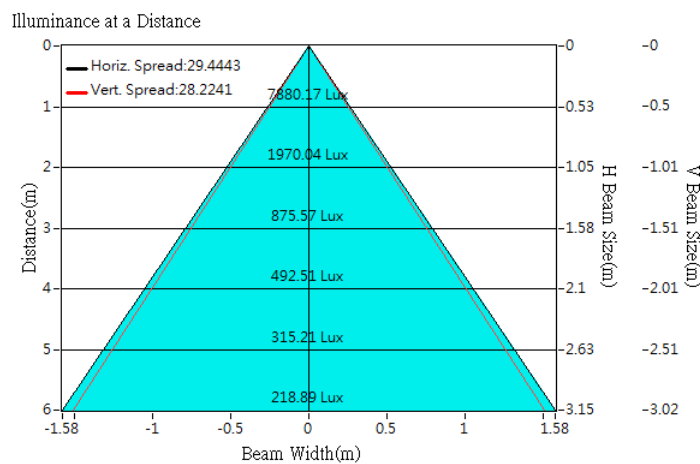
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	<b>CLU 710</b>		
LES / LED Size	Φ 8.5 mm		
FWHM (D50)	28°		
Field Angle (D10)	45°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2397 lm	Measured @ 26.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

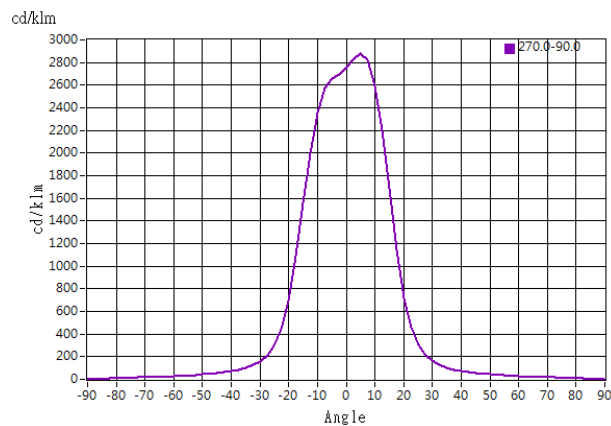




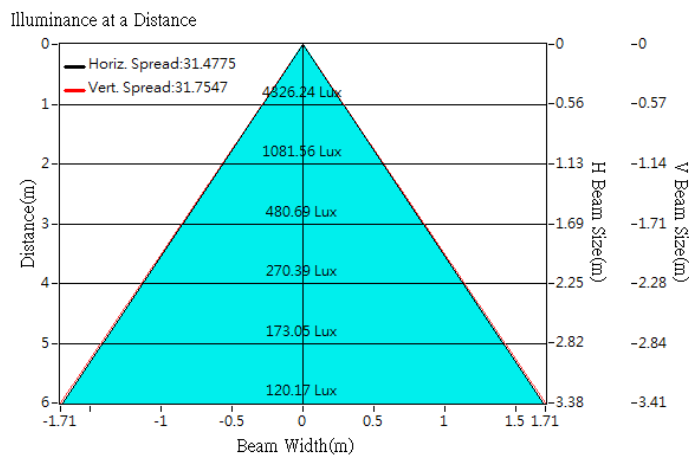
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 028		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	32°		
Field Angle (D10)	51°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1567 lm	Measured @ 12.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

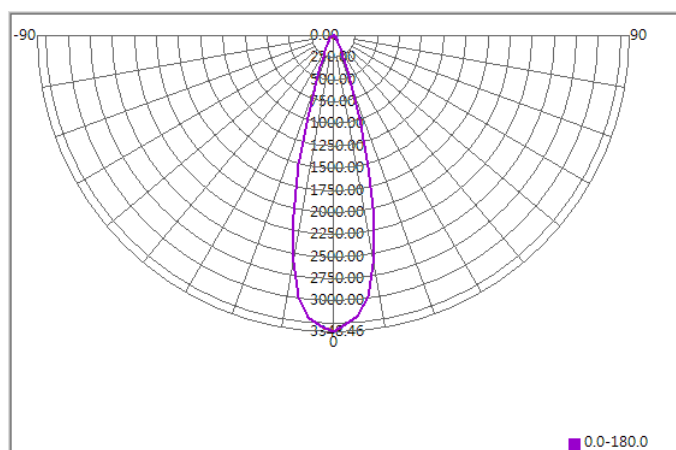




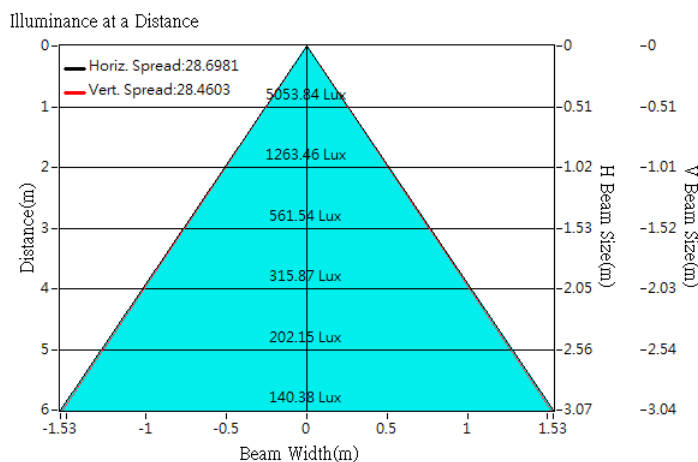
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 026		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	29°		
Field Angle (D10)	47°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1509 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

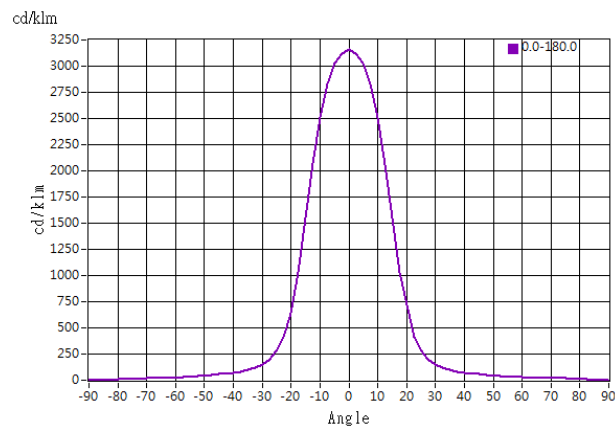




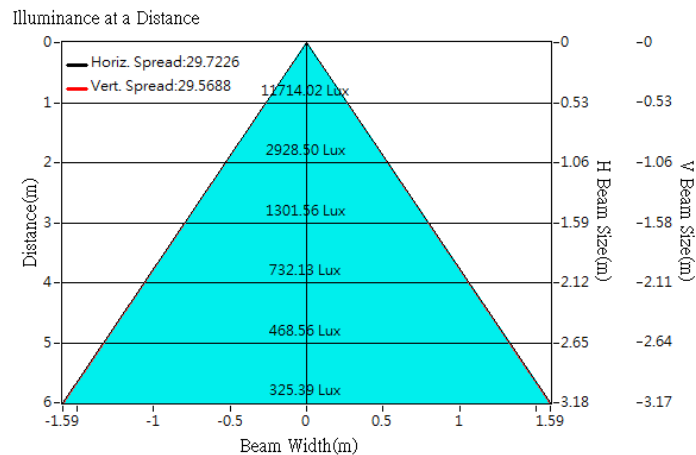
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	<b>CLU 720</b>		
LES / LED Size	Φ 11 mm		
FWHM (D50)	30°		
Field Angle (D10)	49°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3711lm	Measured @ 38.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

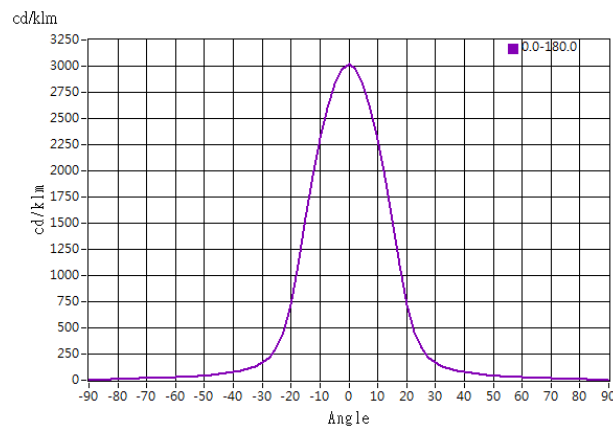




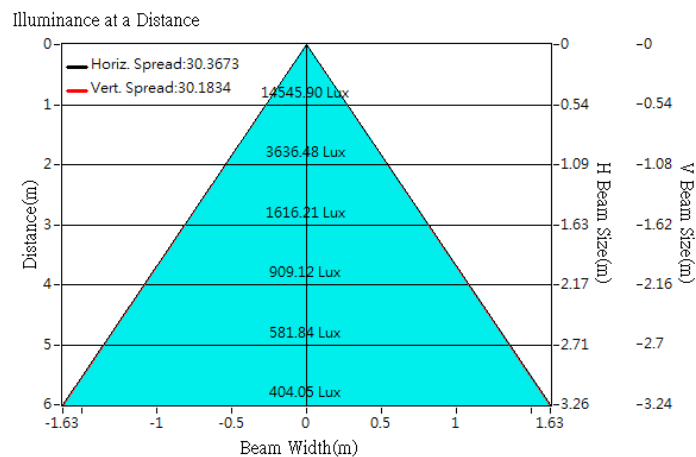
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	<b>CLU 730</b>		
LES / LED Size	Φ 13 mm		
FWHM (D50)	30°		
Field Angle (D10)	50°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4822 lm	Measured @ 64.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances



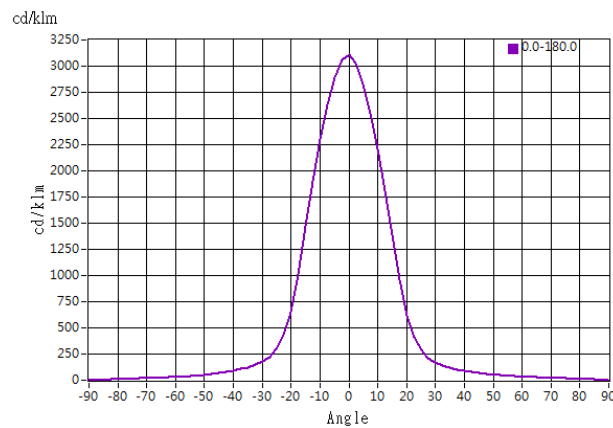




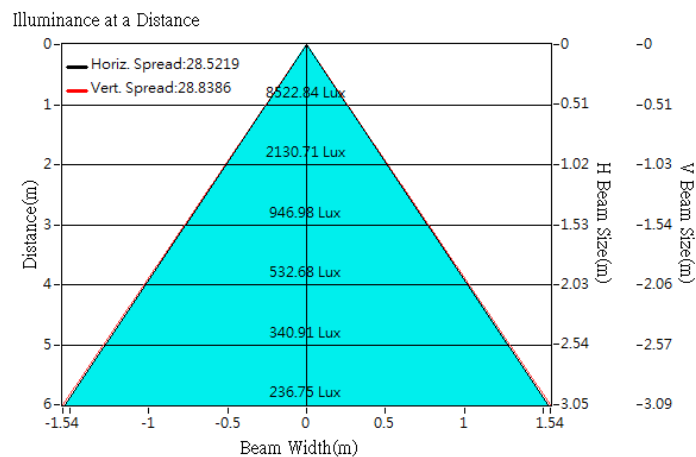
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 038		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	29°		
Field Angle (D10)	49°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2740 lm	Measured @ 25.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

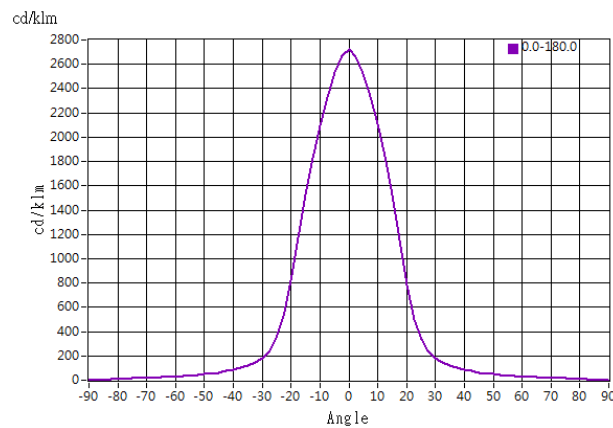




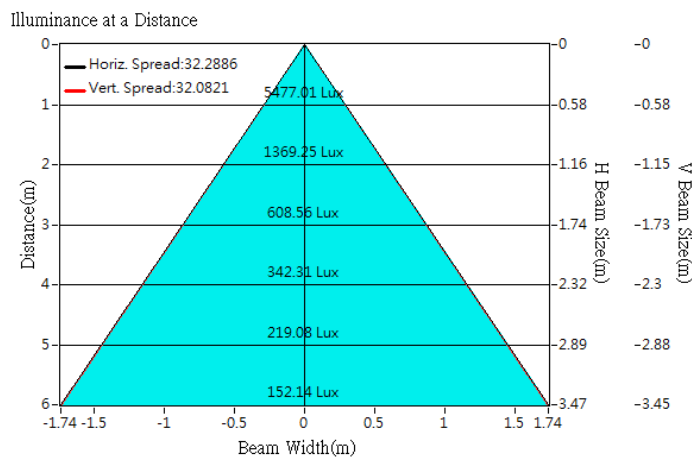
## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 036		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	32°		
Field Angle (D10)	53°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2012 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

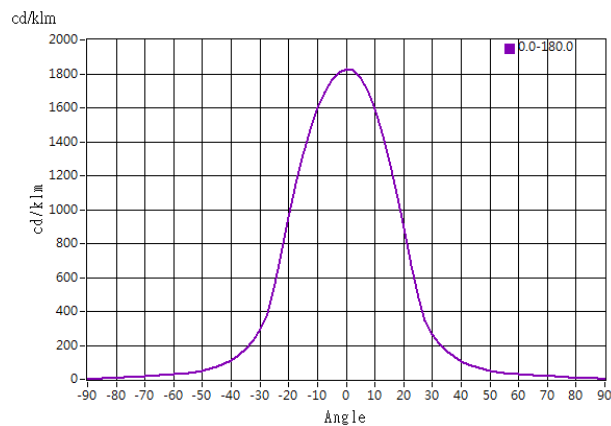




## Optical Characteristics

Model Number	CKO-CS15-075033-4005		<p>"H" definition</p>
LED	CLU 048		
LES / LED Size	Φ 22 mm		
FWHM (D50)	40°		
Field Angle (D10)	69°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	7237 lm	Measured @ 53.7 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

