

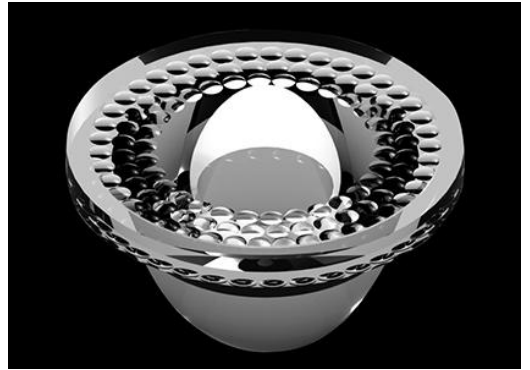


## Product Model Number

CKO-CS18-035018-1360

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

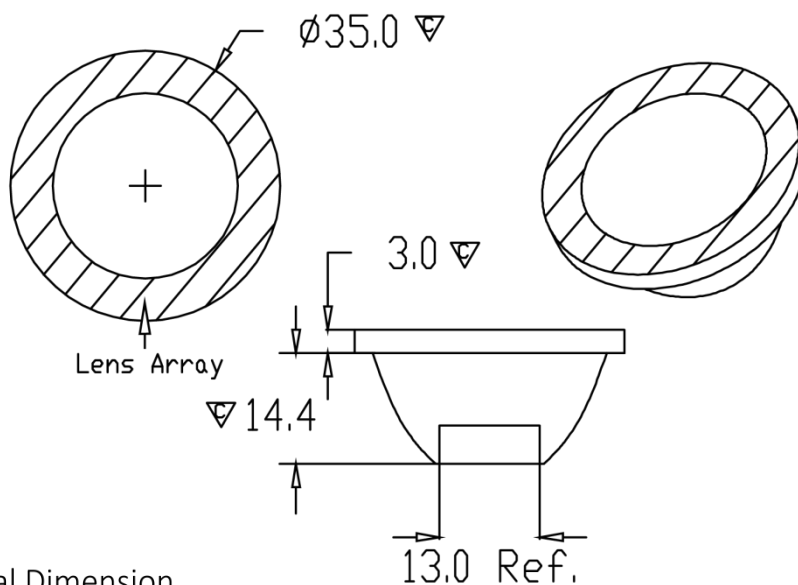


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

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

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

### ✓ Dimensions (mm) : Φ35 x 17.4



▽:Critical Dimension



✓ **Optical Characteristics – Angle Performances**

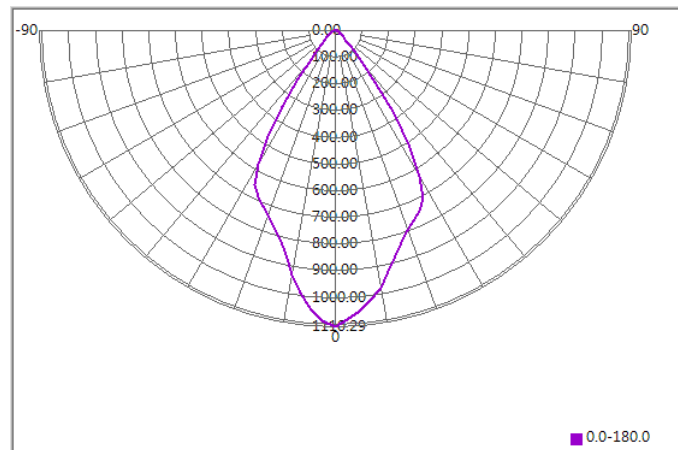
<b>Luminus</b>	<b>LED LES (mm)</b>	<b>FWHM (degrees)</b>	<b>Field Angle (degrees)</b>
CXM-3-AC40	Φ3.5	62°	83°
CXM-4-AC40	Φ4.5	63°	86°
CXM-6-AC40	Φ6.3	61°	89°
CXM-9-AC30	Φ9.6	64°	95°
CXM-9-AC40	Φ9.8	64°	96°
CXM-11-AC30	Φ11.7	64°	98°



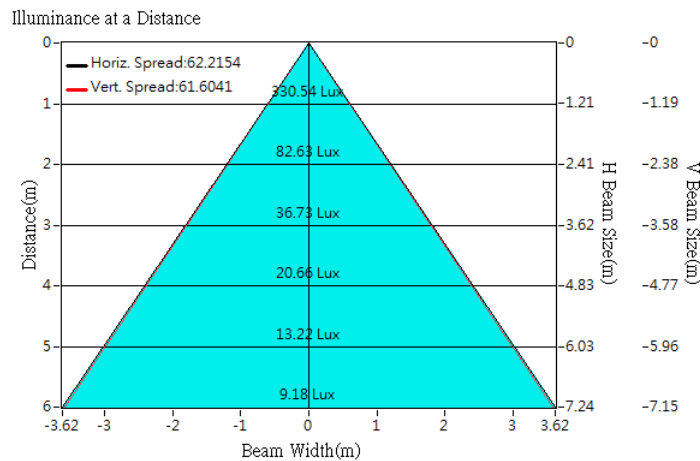
## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CXM-3-AC40</b>		
LES / LED Size	Φ 3.5 mm		
FWHM (D50)	62°		
Field Angle (D10)	83°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	297 lm	Measured @ 2.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

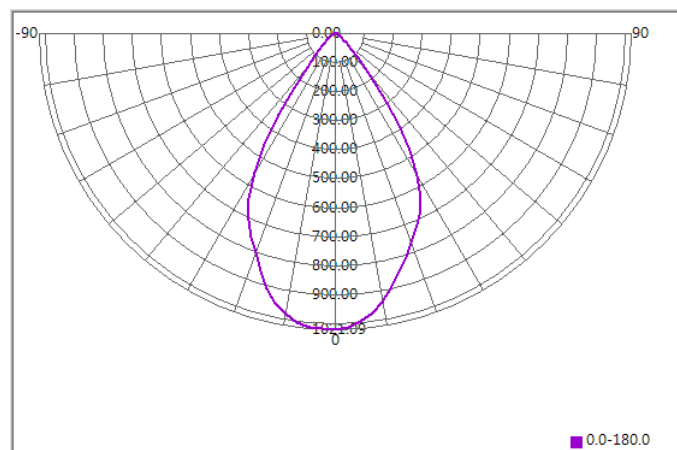




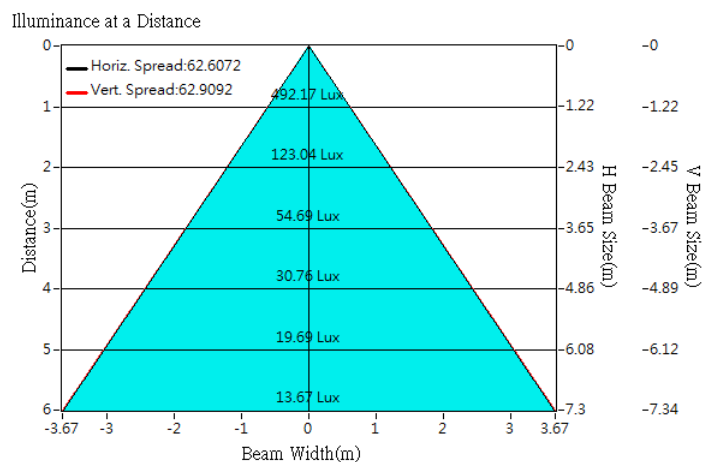
## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CXM-4-AC40</b>		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	63°		
Field Angle (D10)	86°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	482 lm	Measured @ 4.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

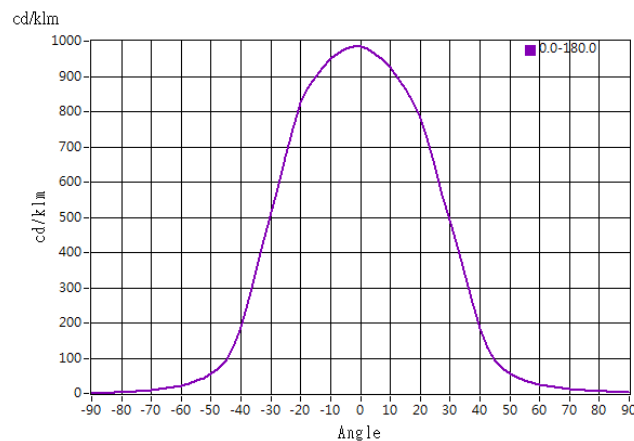




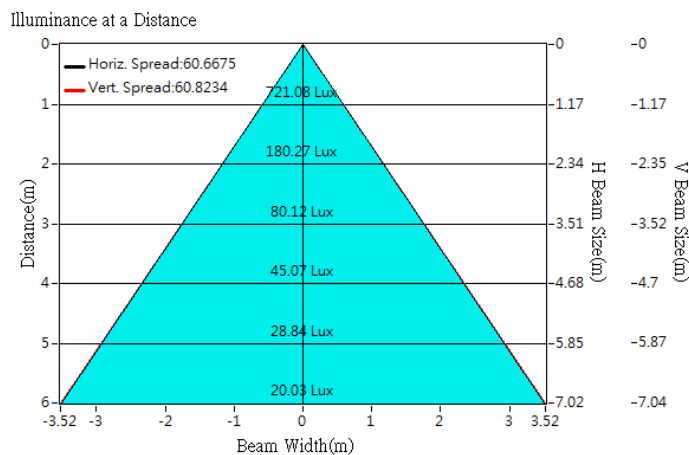
## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p>
LED	<b>CXM-6-AC40</b>		
LES / LED Size	Φ 6.3 mm		
FWHM (D50)	61°		
Field Angle (D10)	89°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	733 lm	Measured @ 5.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

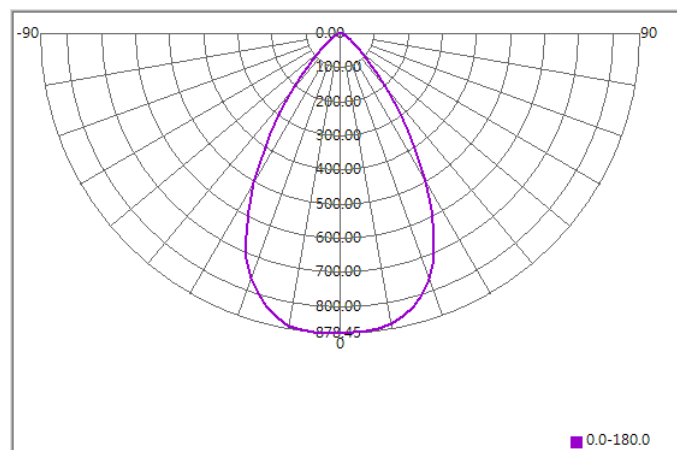




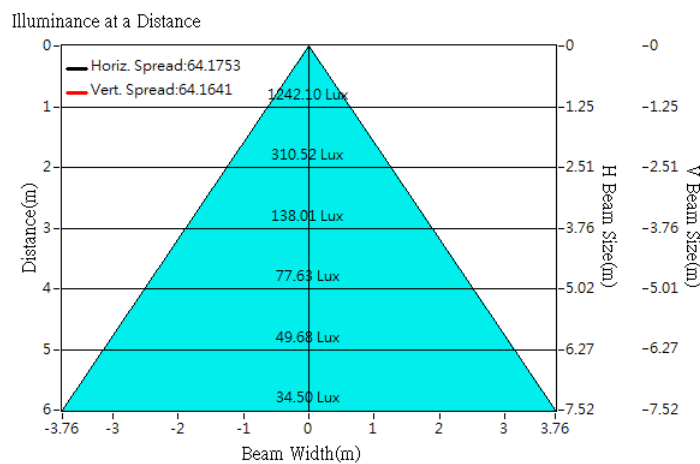
## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CXM-9-AC30</b>		
LES / LED Size	Φ 9.6 mm		
FWHM (D50)	64°		
Field Angle (D10)	95°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1413 lm	Measured @ 12.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

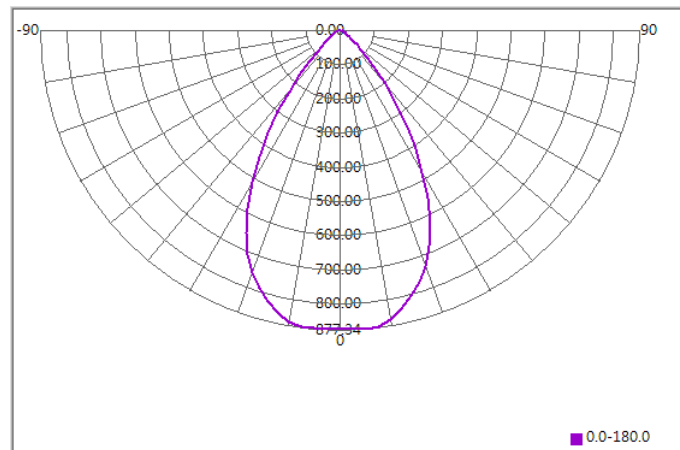




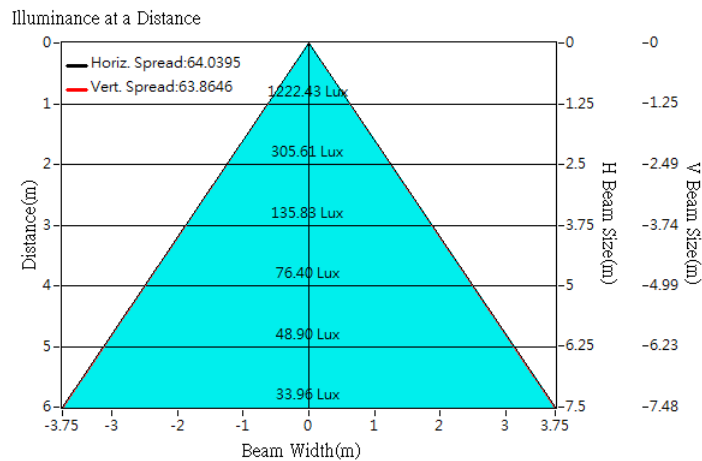
## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CXM-9-AC40</b>		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	64°		
Field Angle (D10)	96°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1398 lm	Measured @ 12.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

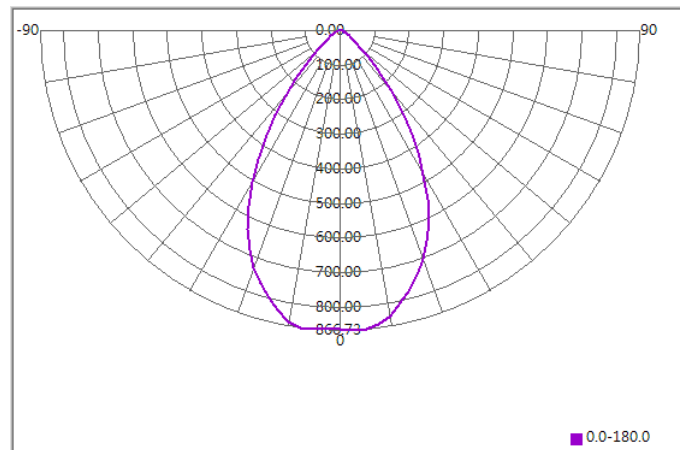




## Optical Characteristics

Model Number	CKO-CS18-035018-1360		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CXM-11-AC30</b>		
LES / LED Size	Φ 11.7 mm		
FWHM (D50)	64°		
Field Angle (D10)	98°		
H (distance)	2.5 mm		
Dimension	Φ =35 mm, Thickness= 17.4 mm		
Luminous Flux	1773 lm	Measured @ 15.0 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

