



## Product Model Number

**CKO-CH15-110058-3960**

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

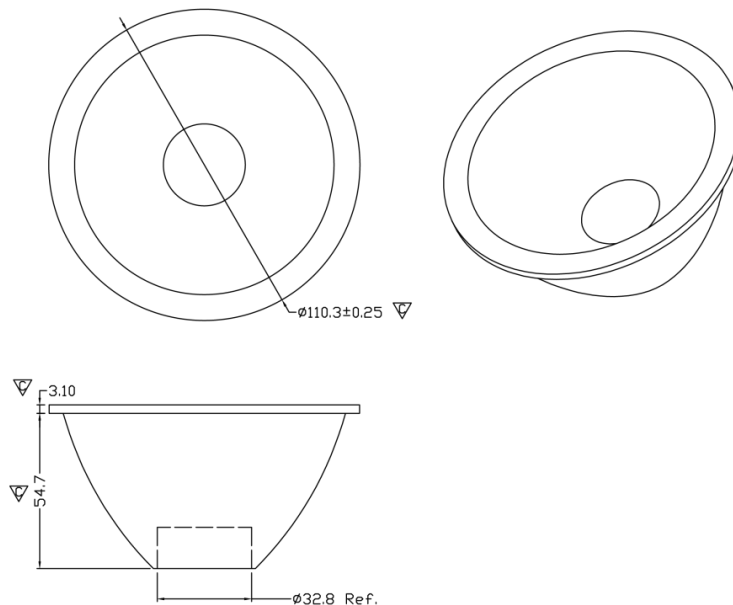


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
MX→Multi 33 in 1  
SW→Single Wall Washer  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- C. Identity Code
- D. Lens / Fixture Size  
Ex: 025014=Φ25mm / Thickness=13.5mm (round up)
- E. Serial Numbers

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

### ✓ Dimensions (mm) : Φ110x57.8



▽:Critical Dimension

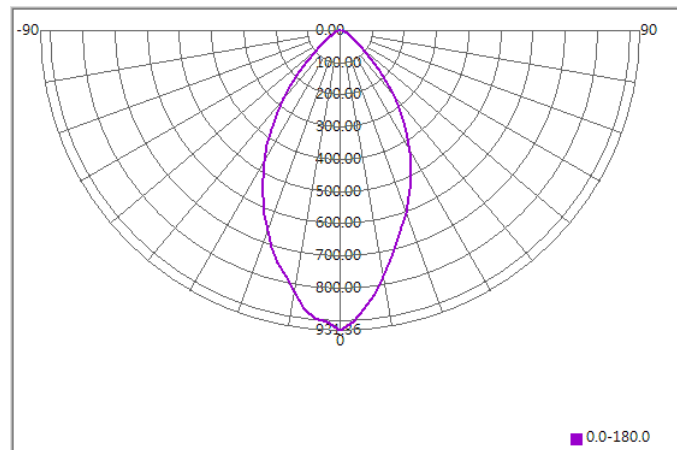




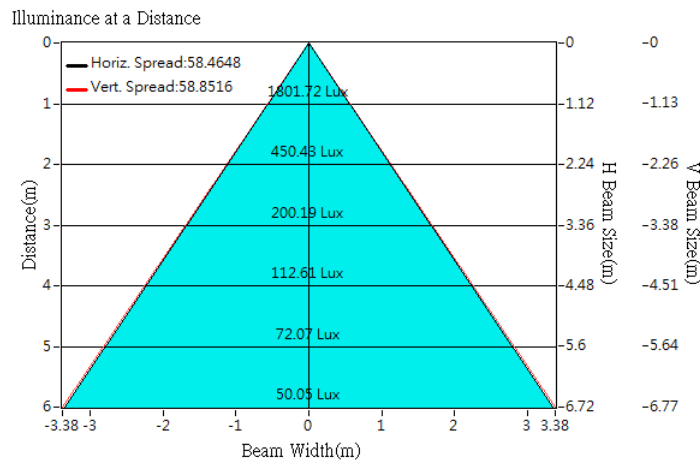
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	59°		
Field Angle (D10)	102°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	1934 lm	Measured @ 20.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

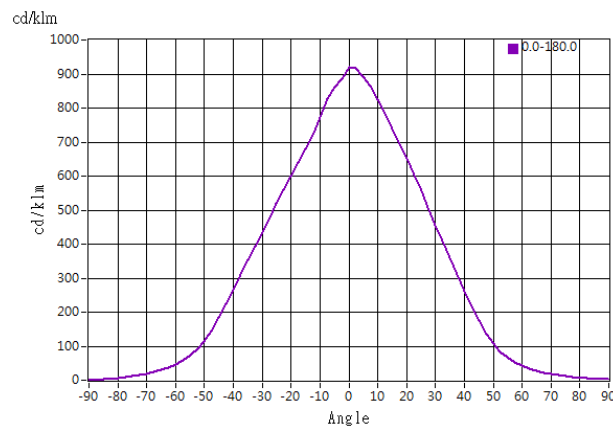




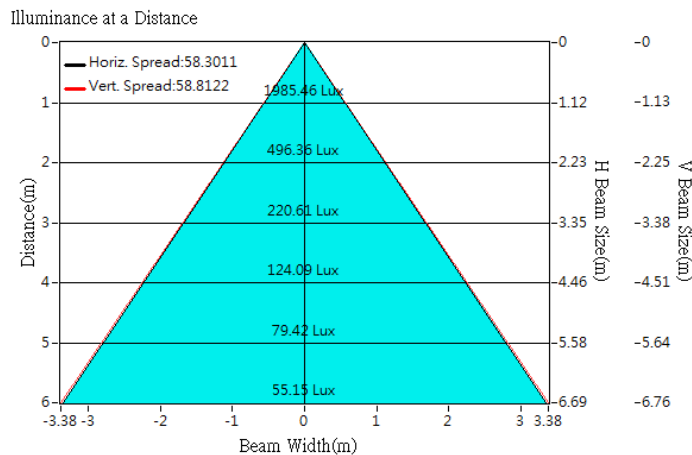
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	58°		
Field Angle (D10)	104°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2157 lm	Measured @ 19.5 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

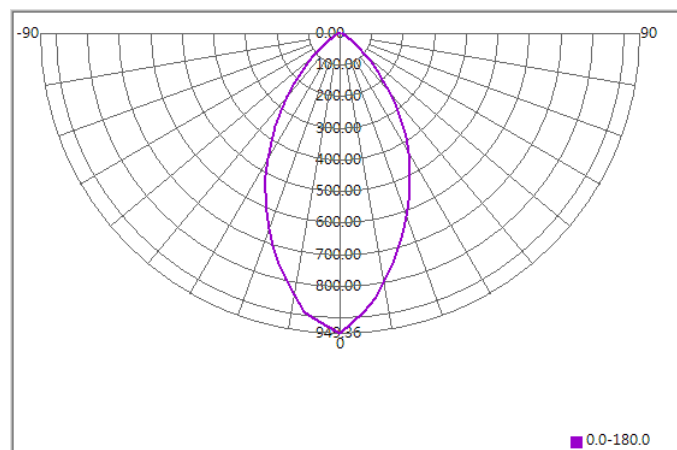




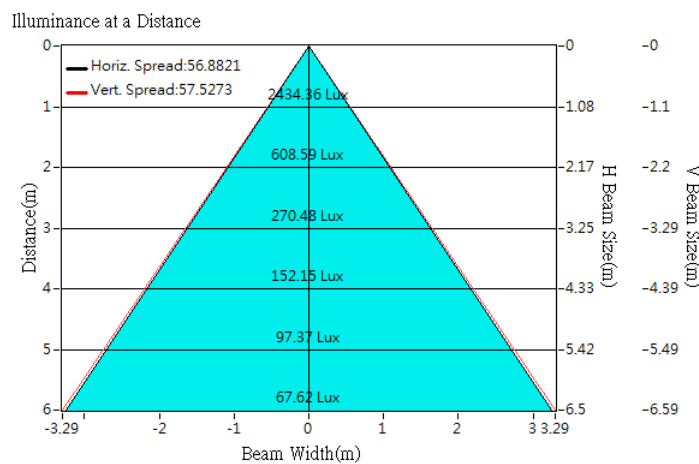
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p> <p>LES CoB</p>
LED	<b>CMA1825</b>		
LES / LED Size	Φ 12 mm		
FWHM (D50)	58°		
Field Angle (D10)	102°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2564 lm	Measured @ 24.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

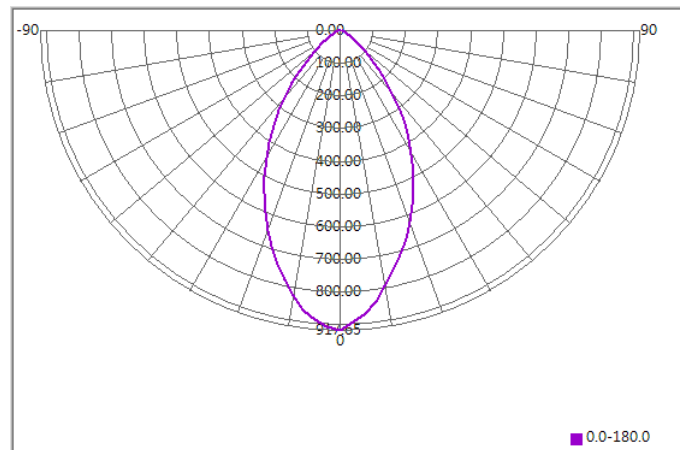




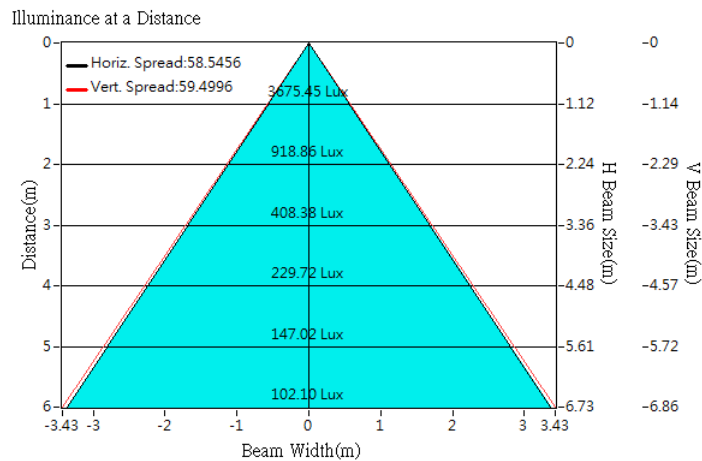
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CMA1840</b>		
LES / LED Size	Φ 14 mm		
FWHM (D50)	59°		
Field Angle (D10)	103°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	4005 lm	Measured @ 38.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

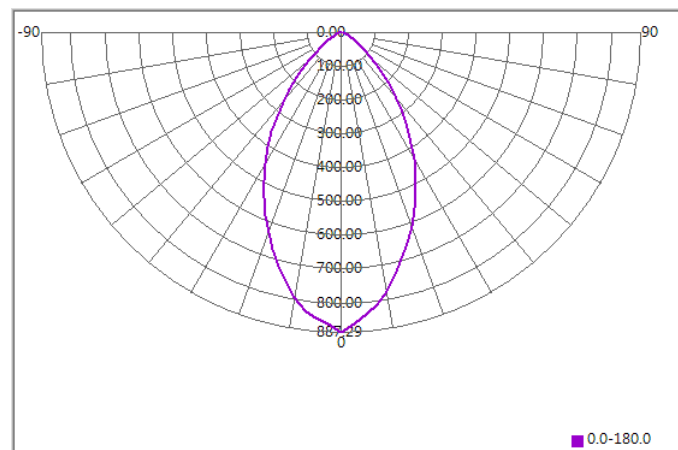




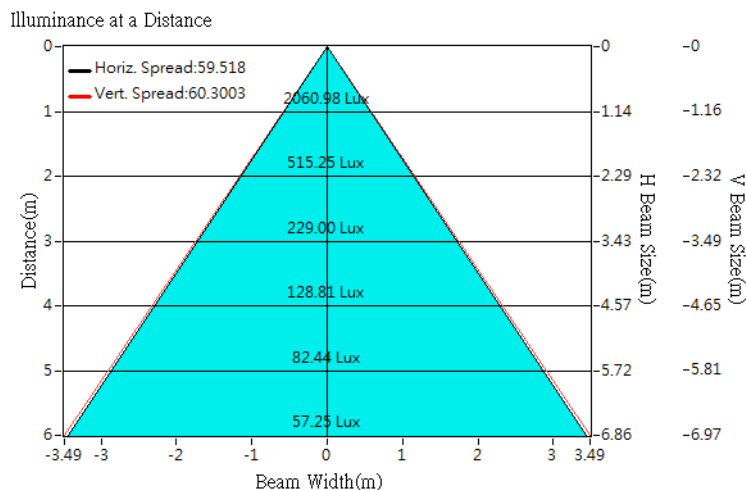
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CMT1922</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2323 lm	Measured @ 21.9 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

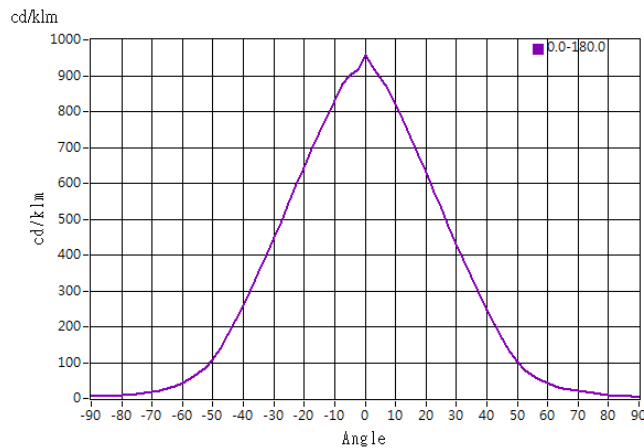




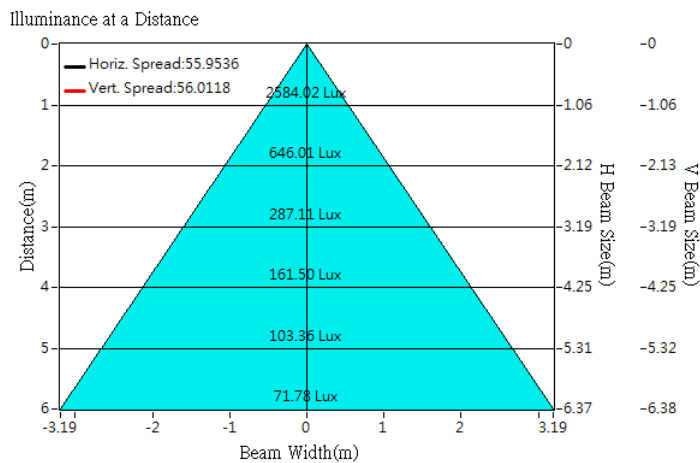
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CMT1925</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	56°		
Field Angle (D10)	101°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2700 lm	Measured @ 24.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances



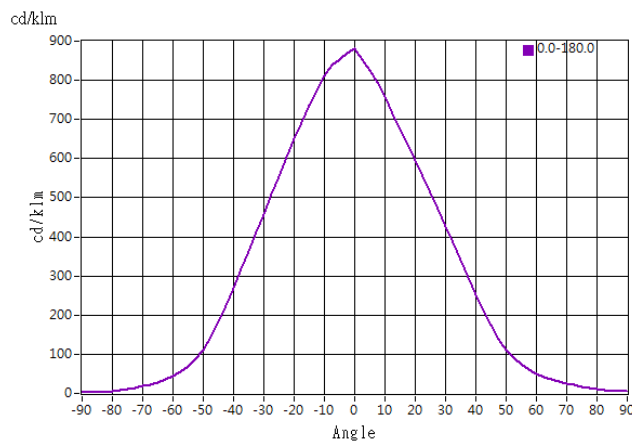




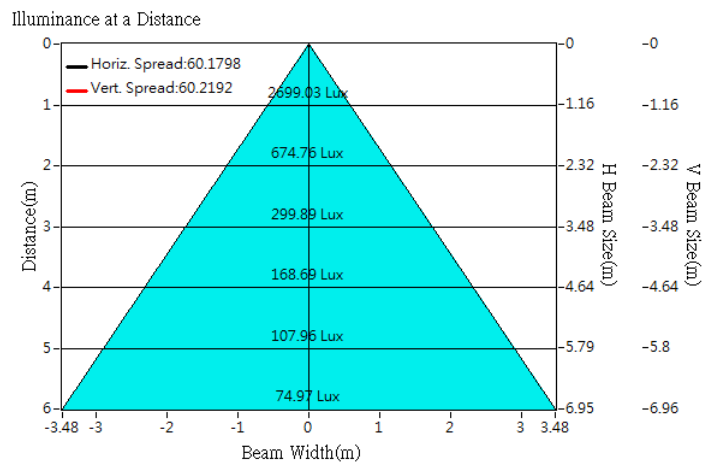
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CMT1930</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3064 lm	Measured @ 28.8 W	
Material	PC / UL94V2		

## cd/klm

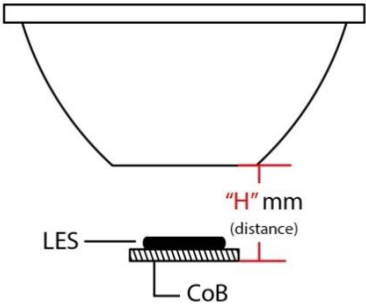


## Illuminance At Distances

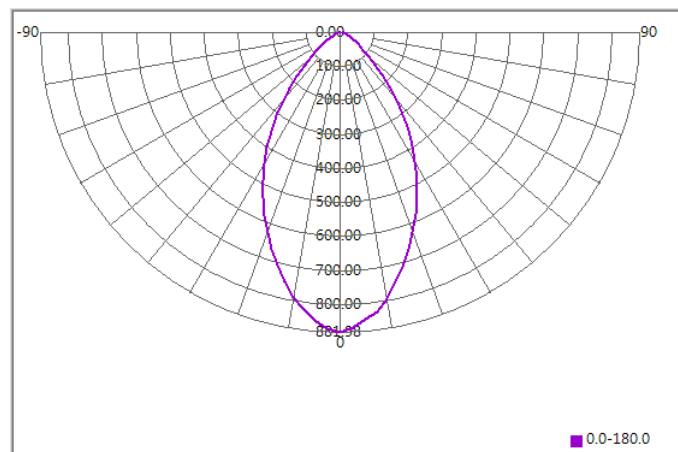




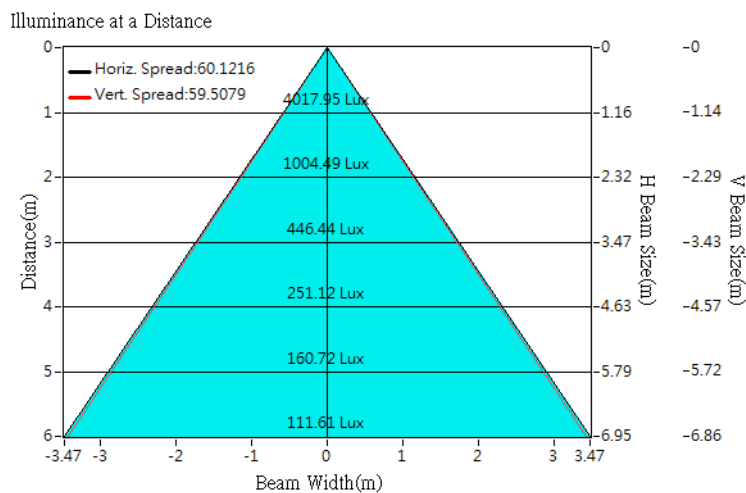
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p> 
LED	<b>CMT1945</b>		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	4556 lm	Measured @ 43.8 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

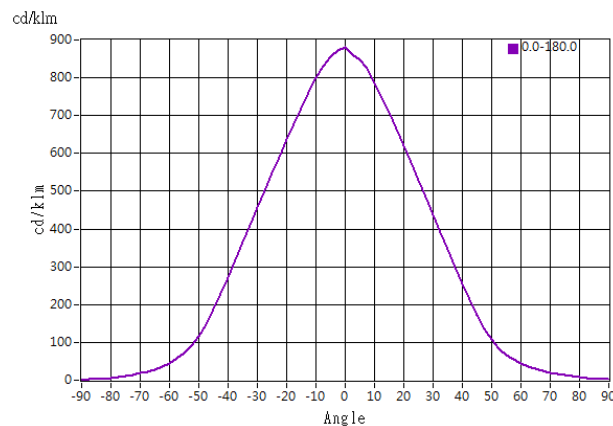




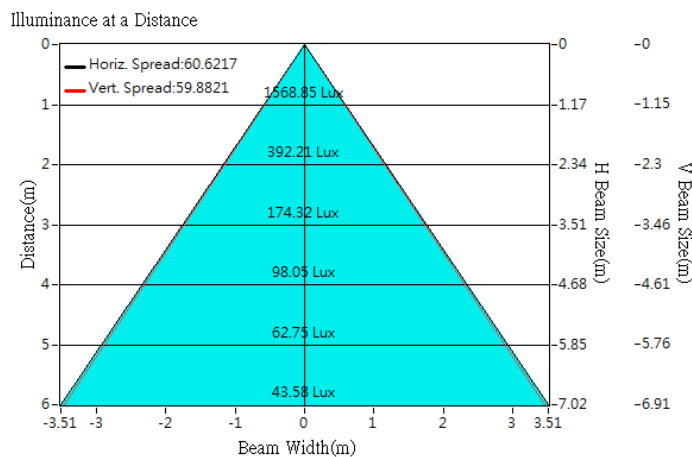
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CXA2520</b>		
LES / LED Size	Φ 19 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	1779 lm	Measured @ 20.1 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

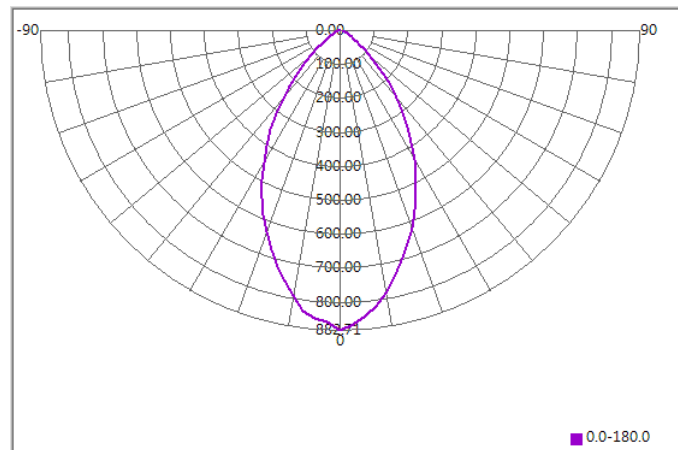




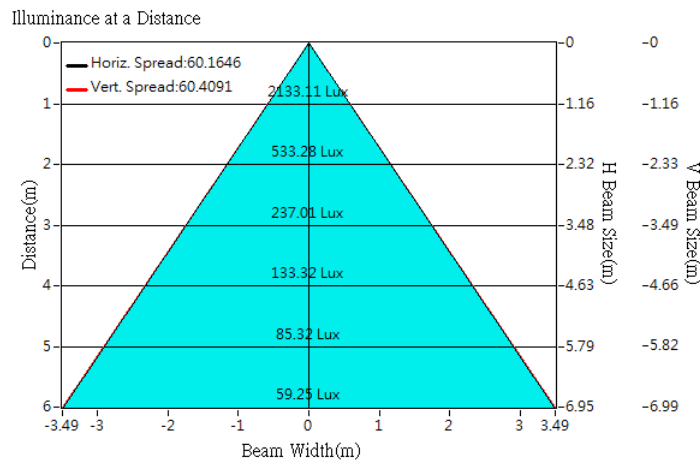
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CXA2530</b>		
LES / LED Size	Φ 19 mm		
FWHM (D50)	60°		
Field Angle (D10)	104°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2416 lm	Measured @ 28.9 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

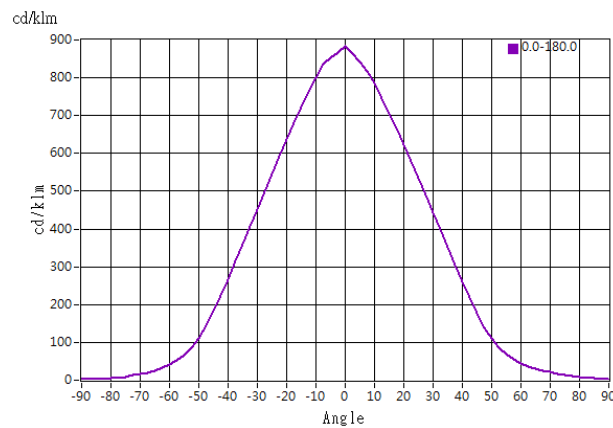




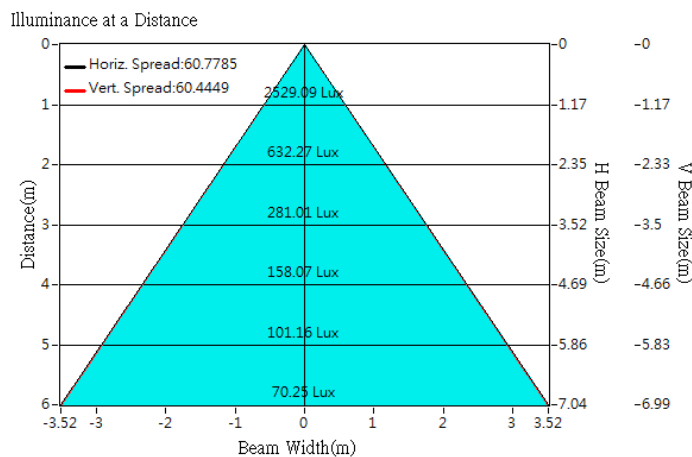
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	CXB2530		
LES / LED Size	Φ 19 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	2867 lm	Measured @ 27.4 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

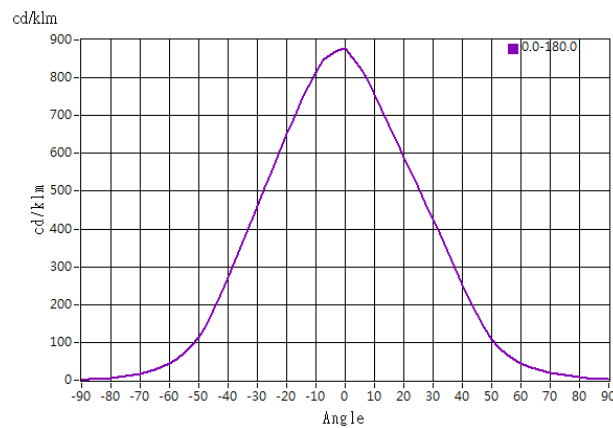




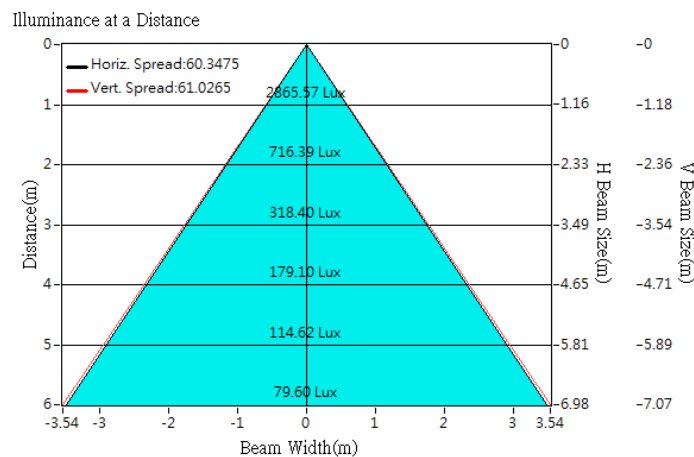
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	CXA2540		
LES / LED Size	Φ 19 mm		
FWHM (D50)	60°		
Field Angle (D10)	105°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3267 lm	Measured @ 39.3 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

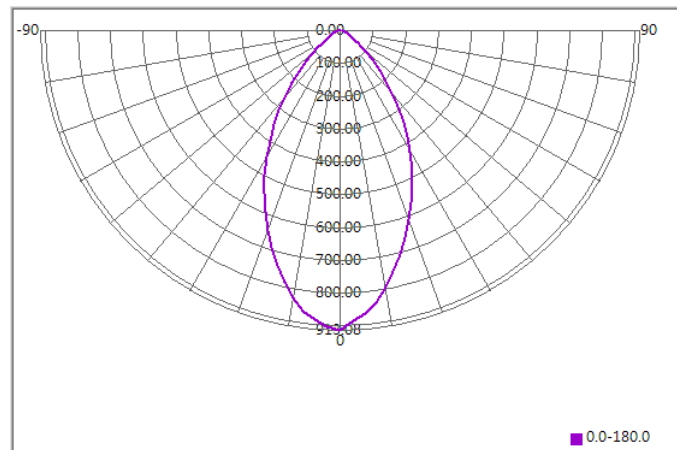




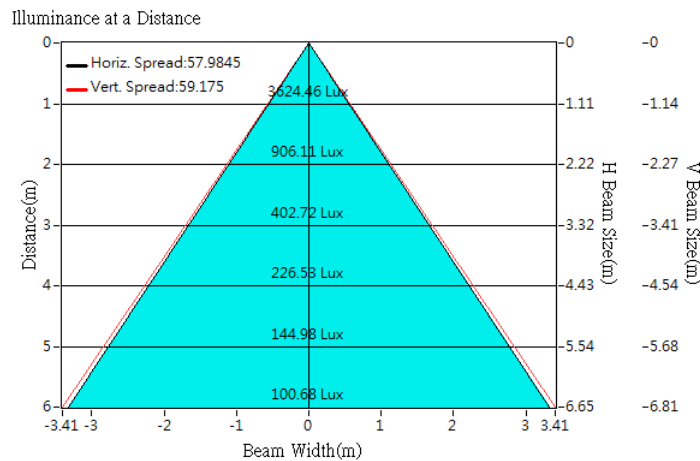
## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB2540		
LES / LED Size	Φ 19 mm		
FWHM (D50)	58°		
Field Angle (D10)	103°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	3969 lm	Measured @ 38.9 W	
Material	PC / UL94V2		

## cd/klm

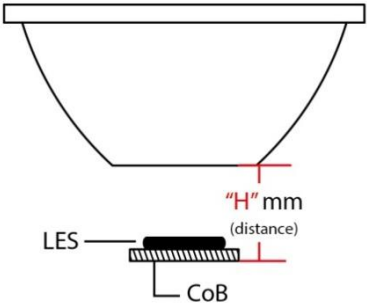


## Illuminance At Distances

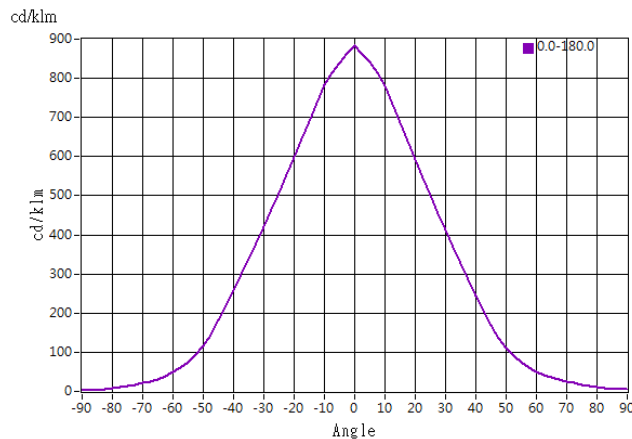




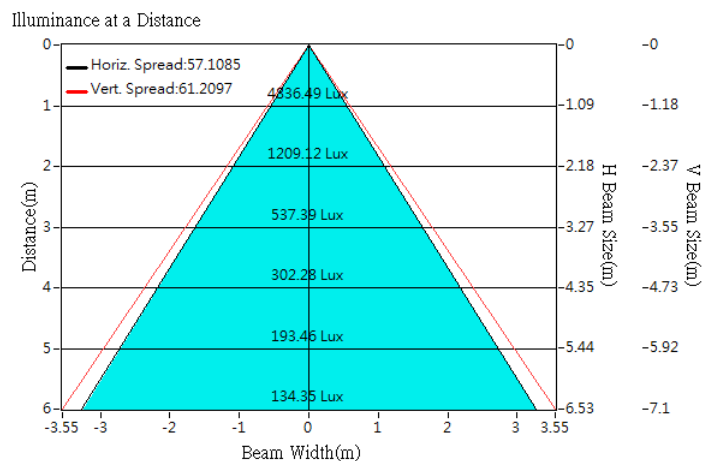
## Optical Characteristics

Model Number	CKO-CH15-110058-3960	<p>"H" definition</p> 
LED	<b>CMT2850</b>	
LES / LED Size	Φ 22 mm	
FWHM (D50)	61°	
Field Angle (D10)	106°	
H (distance)	4 mm	
Dimension	Φ =110 mm, Thickness=57.8 mm	
Luminous Flux	5479 lm	
Material	PC / UL94V2	

## cd/klm



## Illuminance At Distances



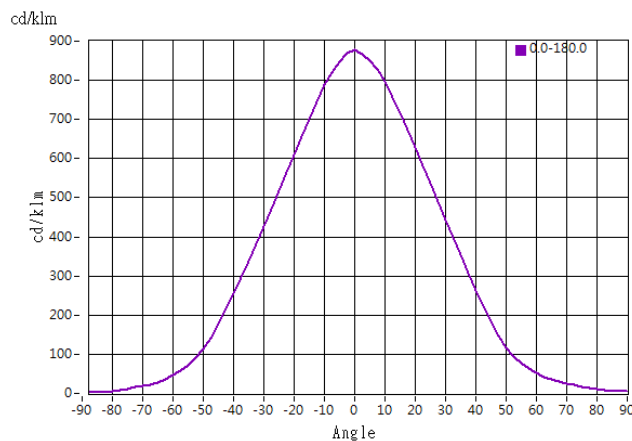




## Optical Characteristics

Model Number	CKO-CH15-110058-3960		<p>"H" definition</p>
LED	<b>CMT2890</b>		
LES / LED Size	Φ 22 mm		
FWHM (D50)	60°		
Field Angle (D10)	106°		
H (distance)	4 mm		
Dimension	Φ =110 mm, Thickness=57.8 mm		
Luminous Flux	8799 lm	Measured @ 85.6 W	
Material	PC / UL94V2		

## cd/klm



## Illuminance At Distances

