



Product Model Number

CKO-CS18-025014-0905

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

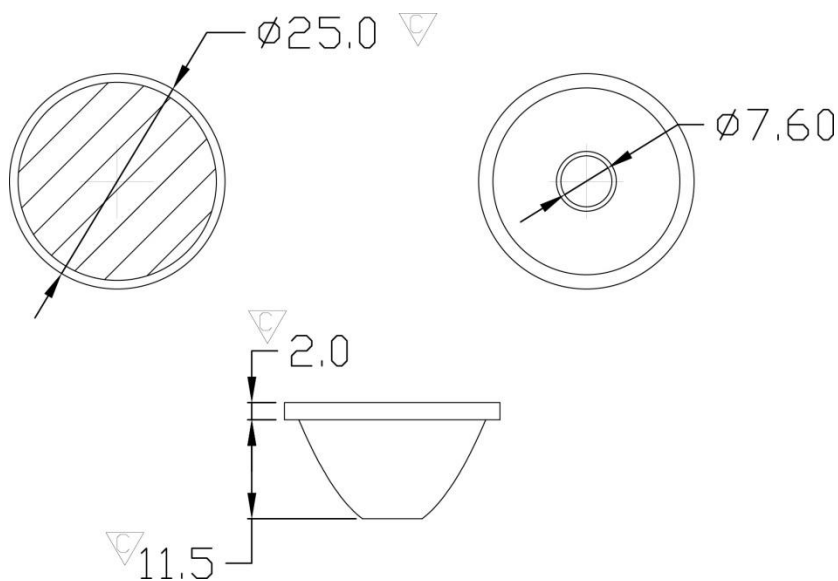


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ25x13.5



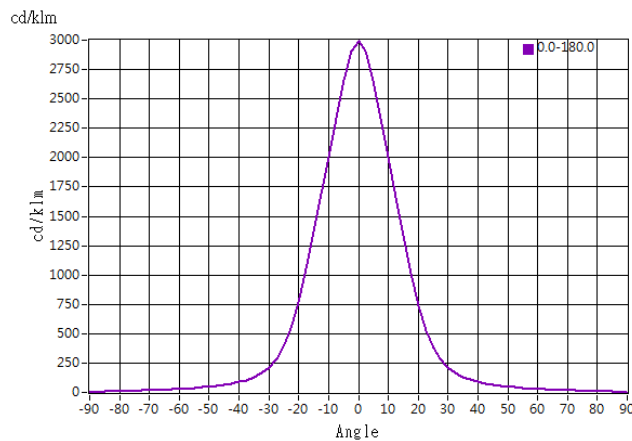
▽:Critical Dimension



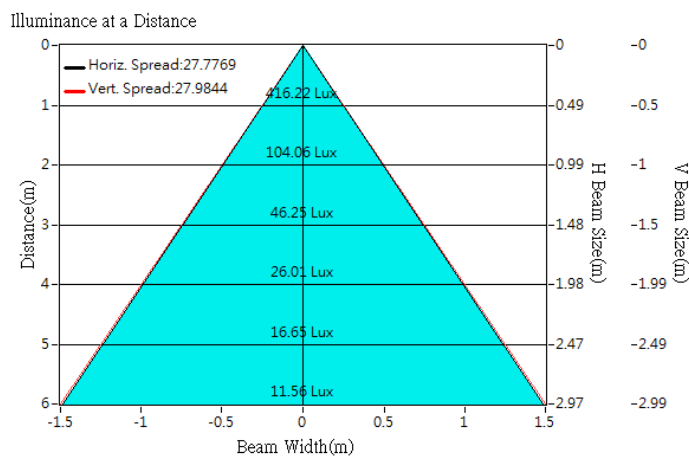
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XD 16		
LES / LED Size	1.6 x 1.6		
FWHM (D50)	28°		
Field Angle (D10)	54°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	139 lm	Measured @ 1.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

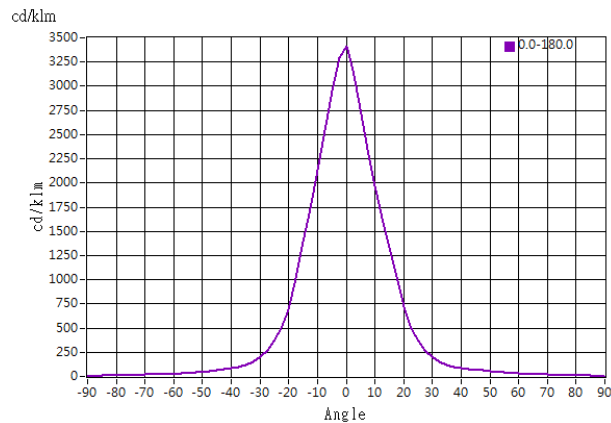




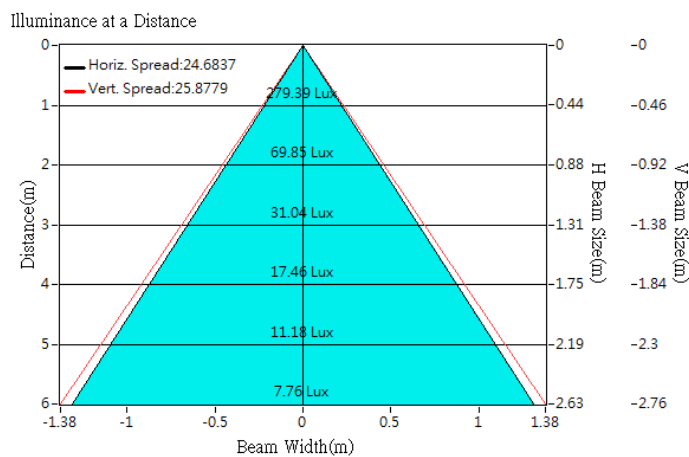
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XQ-E HI		
LES / LED Size	1.6 x 1.6		
FWHM (D50)	25°		
Field Angle (D10)	51°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	82lm	Measured @ 1.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

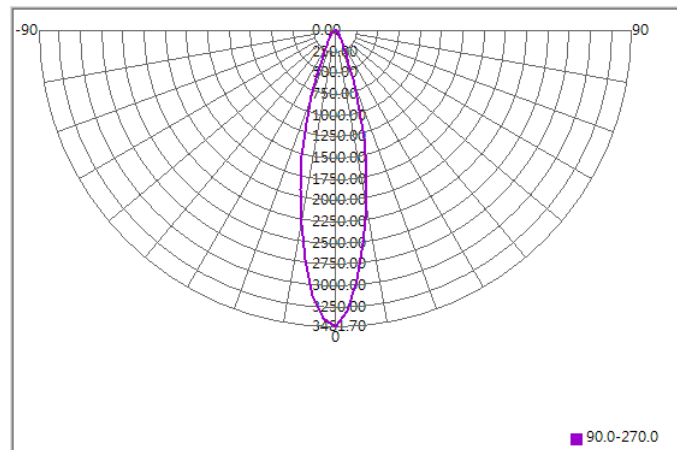




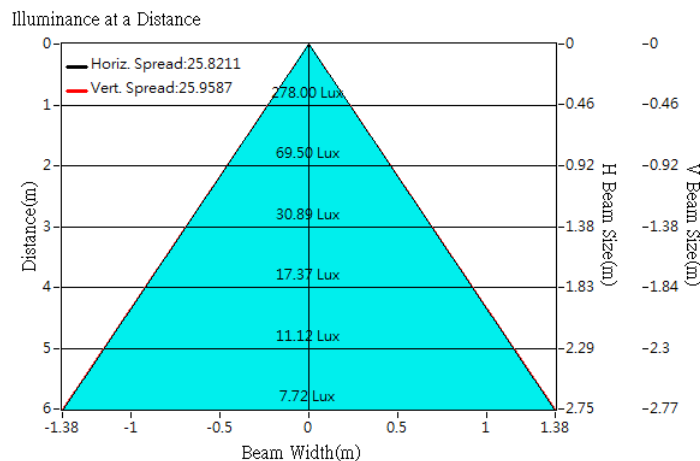
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	Cree J Series 3030		
LES / LED Size	3.0 x 3.0		
FWHM (D50)	26°		
Field Angle (D10)	50°		
H (distance)	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	79 lm	Measured @ 0.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

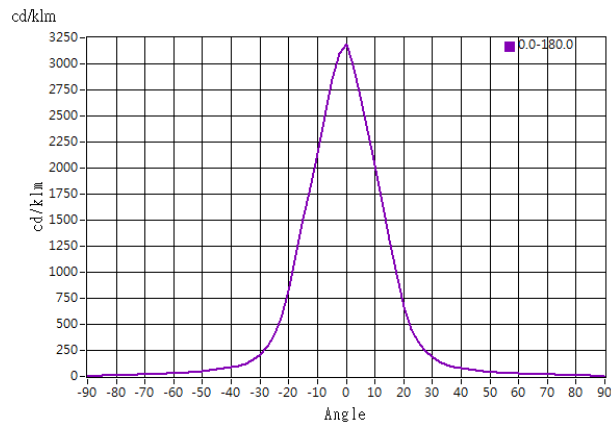




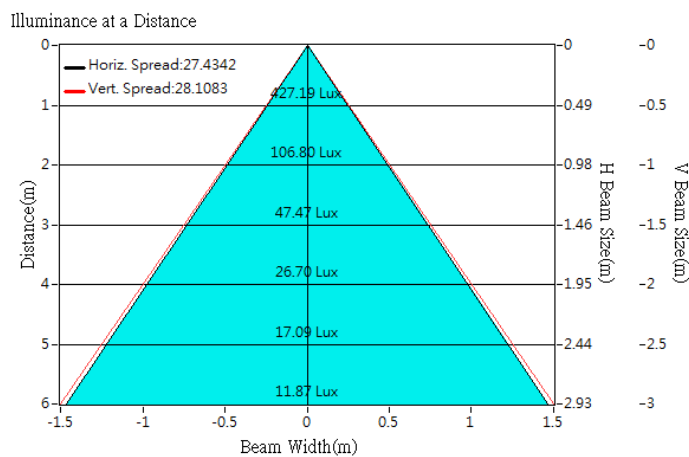
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XP-E2		
LES / LED Size	3.5 x 3.5		
FWHM (D50)	27°		
Field Angle (D10)	52°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	134 lm	Measured @ 1.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

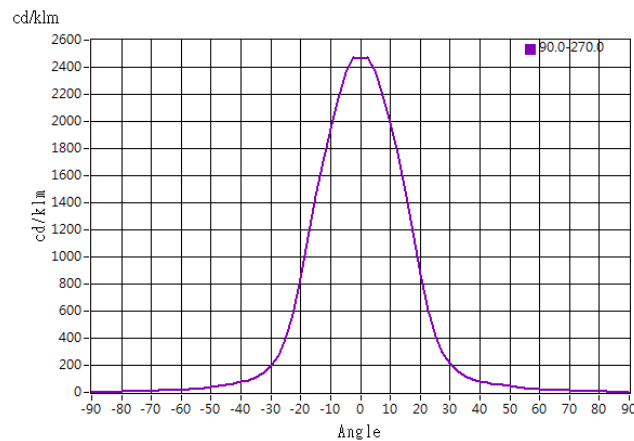




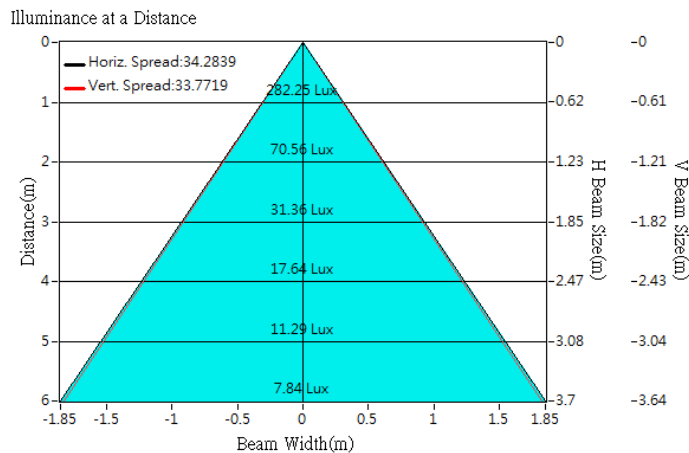
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XP-G2		
LES / LED Size	3.5 x 3.5		
FWHM (D50)	34°		
Field Angle (D10)	57°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	115lm	Measured @ 1.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

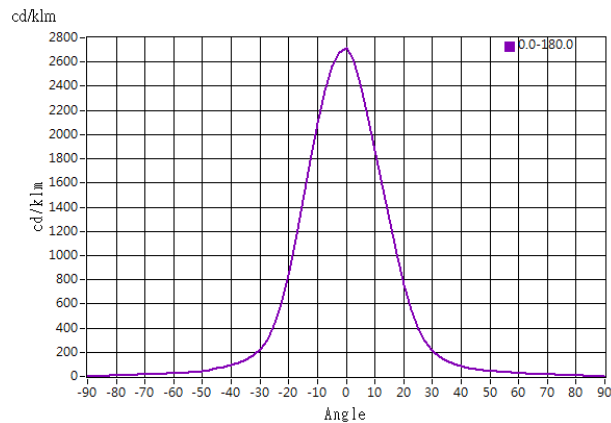




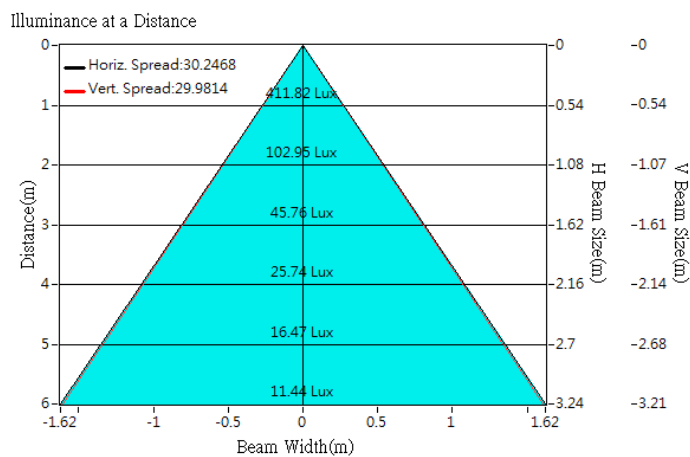
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XP-G3		
LES / LED Size	3.5 x 3.5		
FWHM (D50)	30°		
Field Angle (D10)	57°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	152 lm	Measured @ 1.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

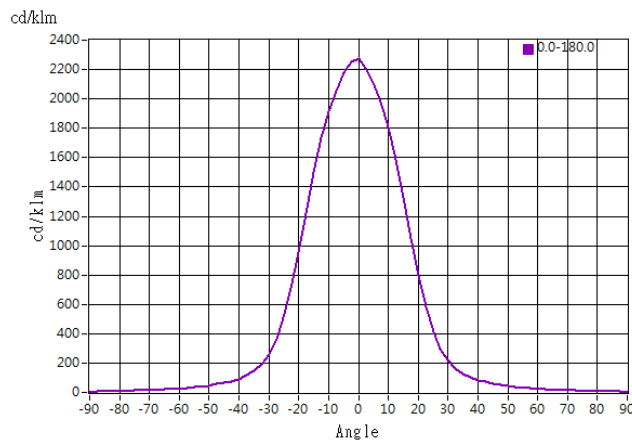




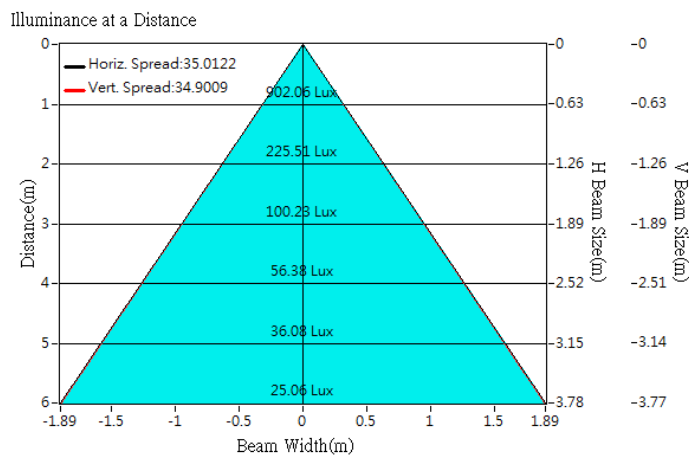
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XP-L HD		
LES / LED Size	3.5 x 3.5		
FWHM (D50)	35°		
Field Angle (D10)	61°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	397 lm	Measured @ 3.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

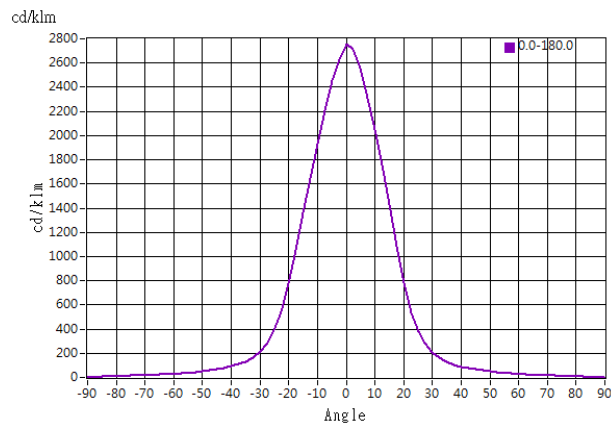




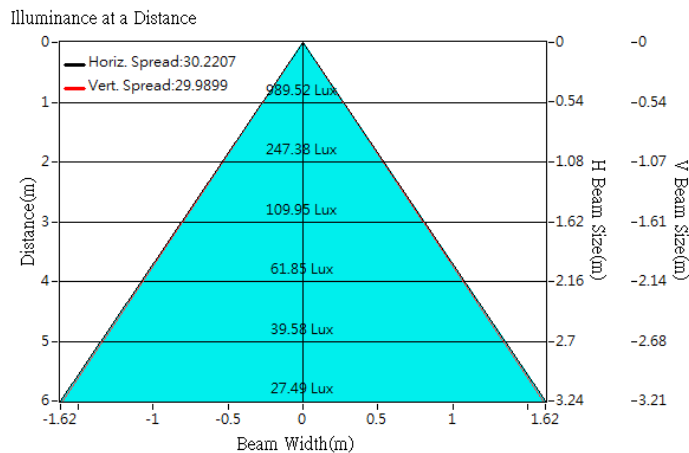
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	XP-L HI		
LES / LED Size	3.5 x 3.5		
FWHM (D50)	30°		
Field Angle (D10)	56°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	359 lm	Measured @ 3.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

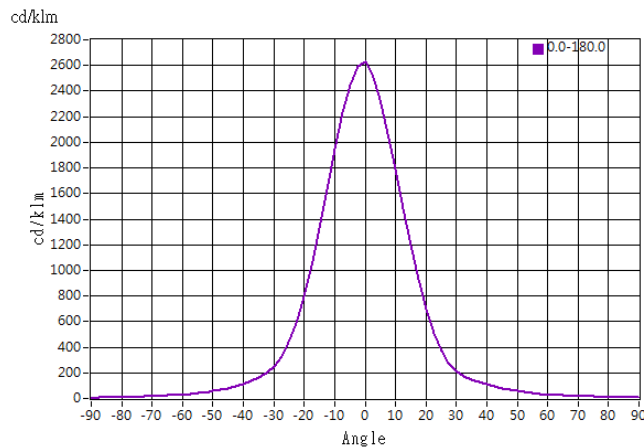




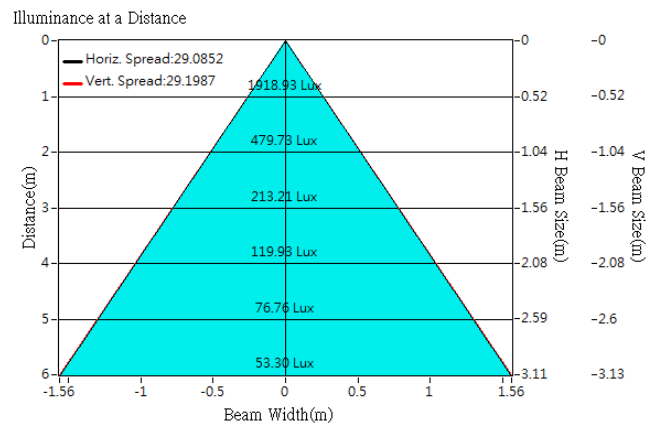
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	CMA1303		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	29°		
Field Angle (D10)	58°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	730 lm	Measured @ 6.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

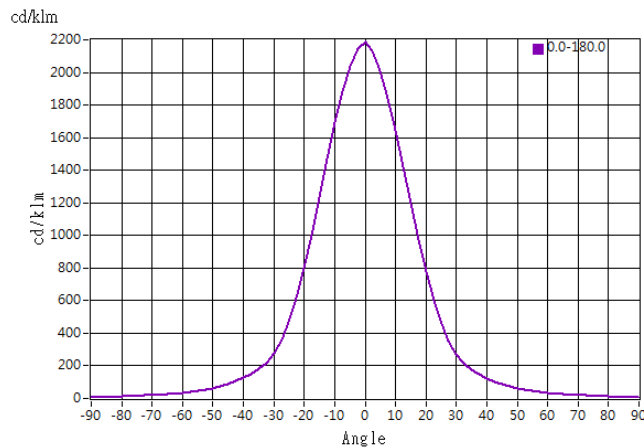




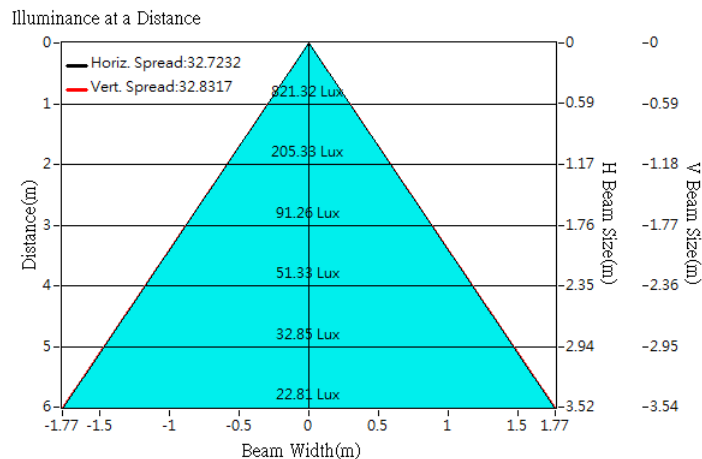
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	CXA1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	33°		
Field Angle (D10)	65°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	375 lm	Measured @ 3.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

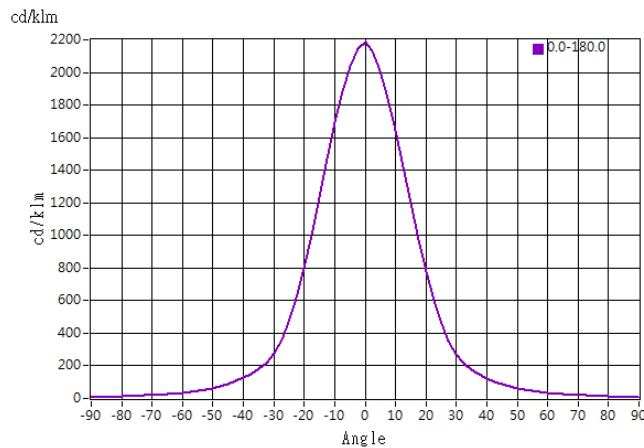




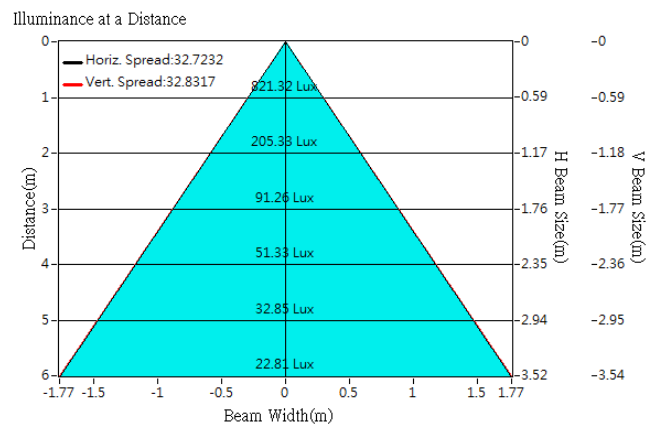
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	CXB1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	33°		
Field Angle (D10)	66°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	375 lm	Measured @ 3.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

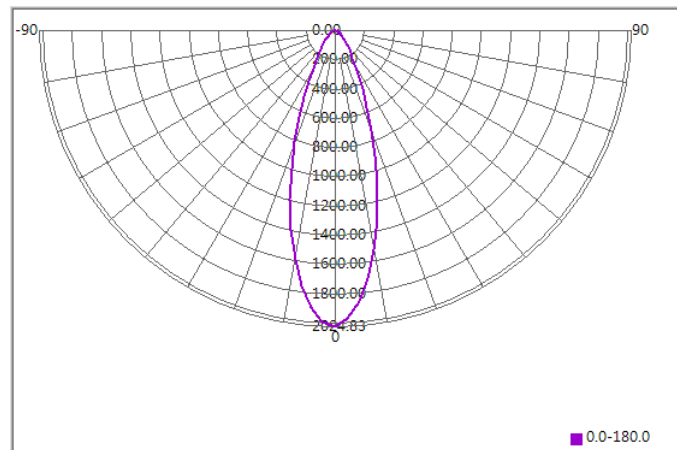




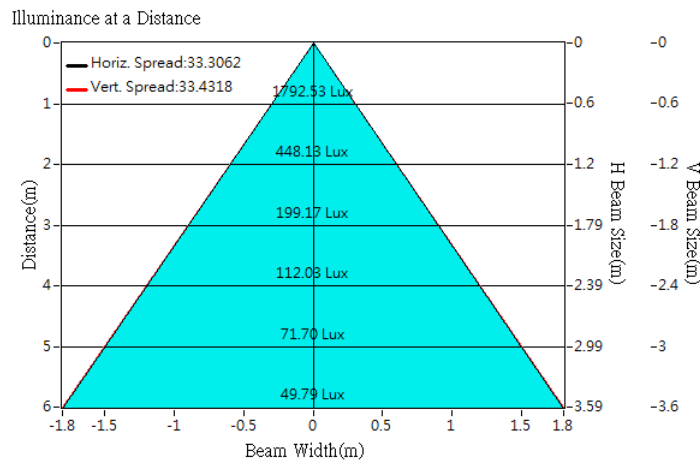
Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p>
LED	CMA1306		
LES / LED Size	Φ 6 mm		
FWHM (D50)	33°		
Field Angle (D10)	69°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	885 lm	Measured @ 7.3 W	
Material	PC / UL94V2		

cd/klm

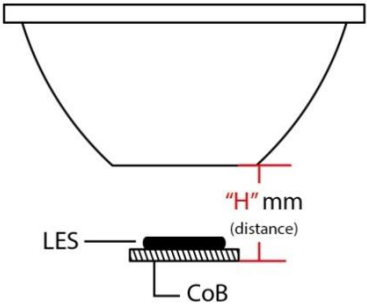


Illuminance At Distances

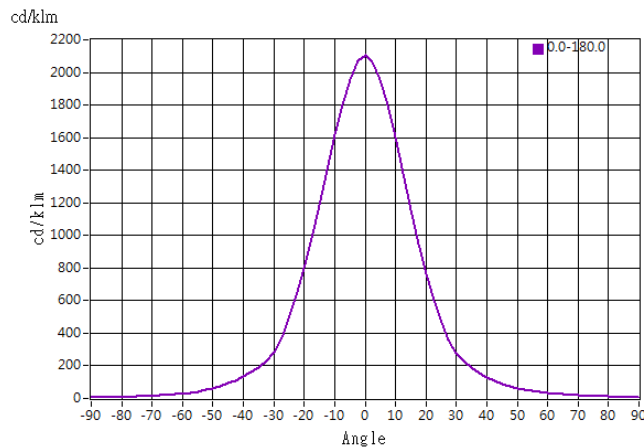




Optical Characteristics

Model Number	CKO-CS18-025014-0905		<p>"H" definition</p> 
LED	CXB1310		
LES / LED Size	Φ 6 mm		
FWHM (D50)	33°		
Field Angle (D10)	67°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1384 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

