



Product Model Number

CKO-CS18-025014-0903

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

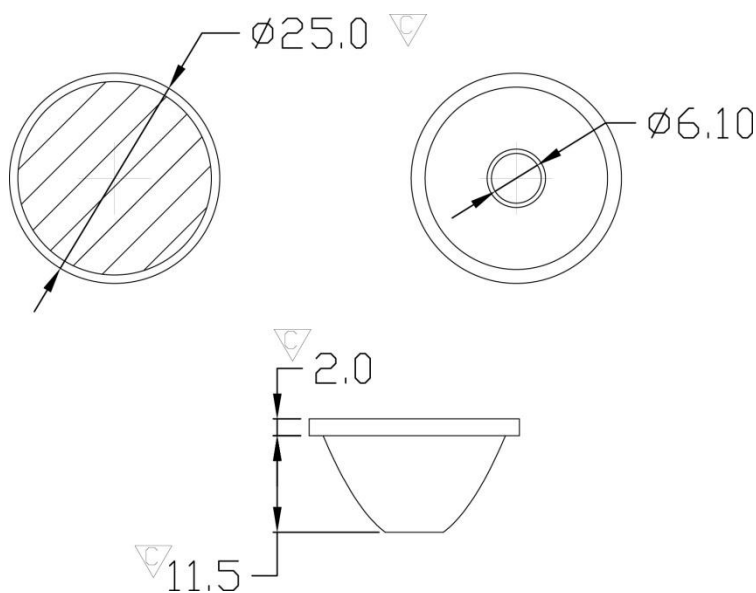


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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

Chun Kuang Optics Corp.

2021/12/28

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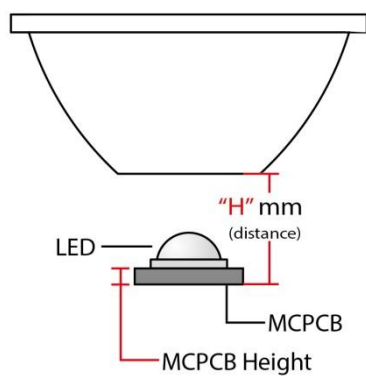


✓ Optical Characteristics – Angle Performances

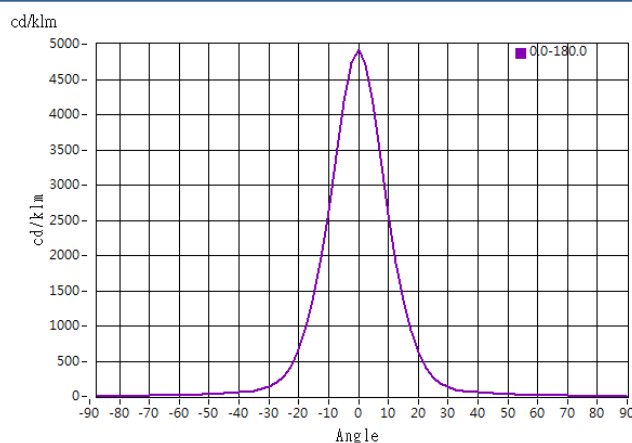
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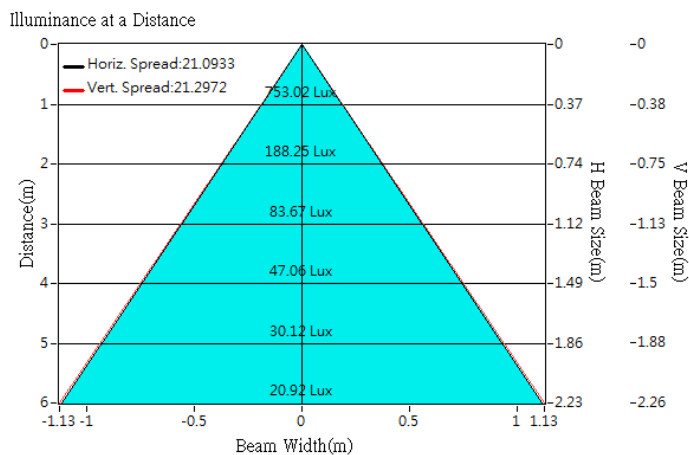
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition
LED	XD 16		
LES / LED Size	1.6 x 1.6		
FWHM (D50)	21°		
Field Angle (D10)	43°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	153 lm	Measured @ 1.0 W	
Material	PC / UL94V2		

cd/klm

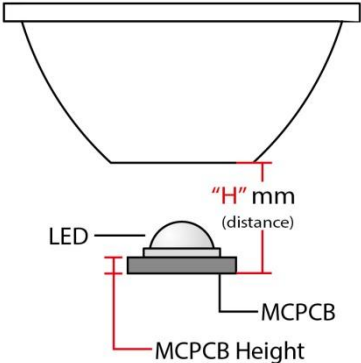


Illuminance At Distances

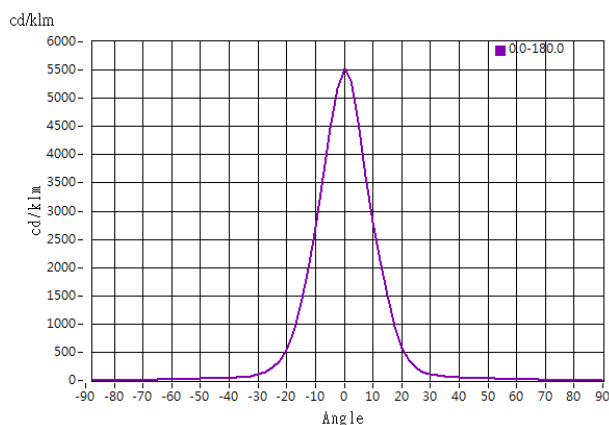




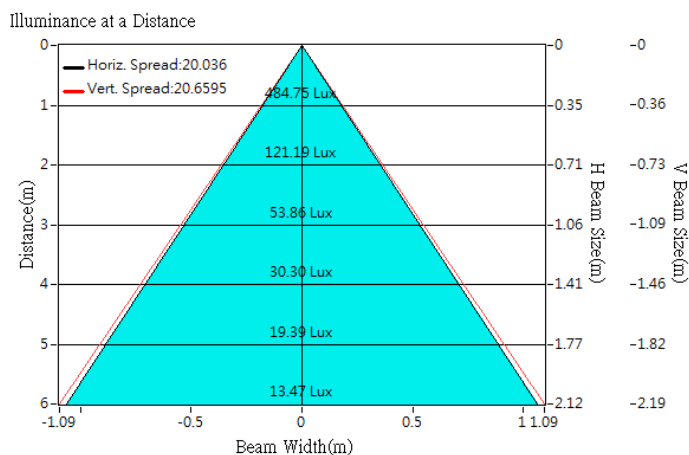
Optical Characteristics

Model Number		CKO-CS18-025014-0903	
LED	XQ-E HI		
LES / LED Size	1.6 x 1.6		
FWHM (D50)	20°		
Field Angle (D10)	40°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	88 lm	Measured @ 1.2 W	
Material	PC / UL94V2		

cd/klm

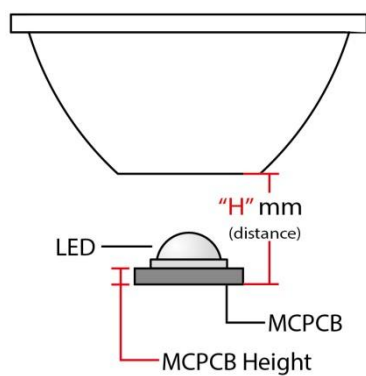
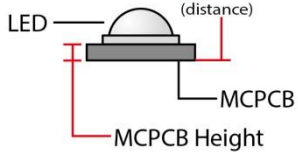


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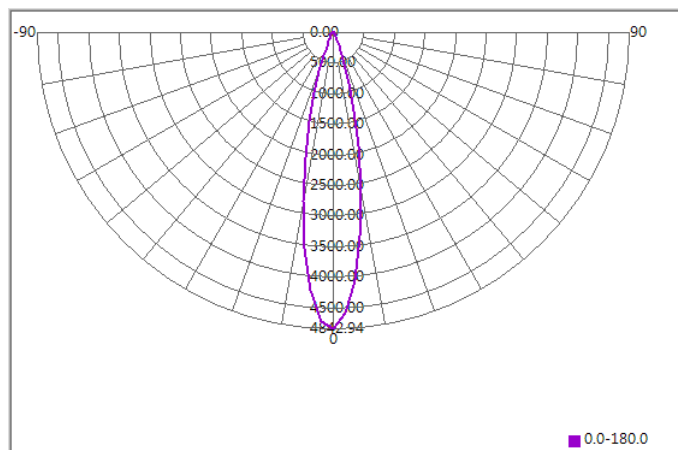




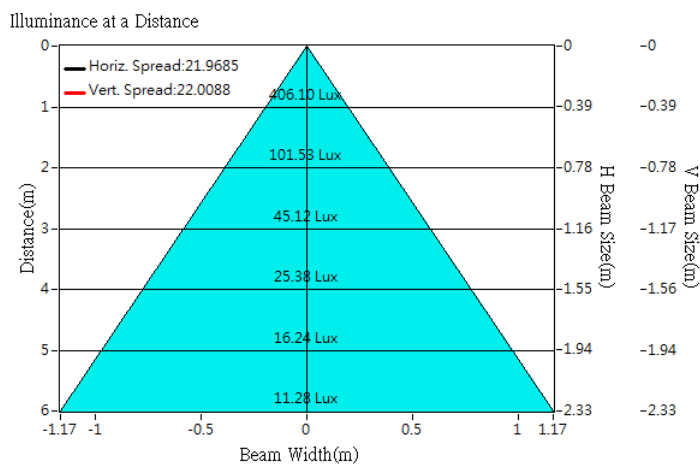
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition
LED	Cree J Series 3030		
LES / LED Size	3.0 x 3.0		
FWHM (D50)	22°		
Field Angle (D10)	42°		
H (distance)	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	83 lm	Measured @ 0.5 W	
Material	PC / UL94V2		

cd/klm

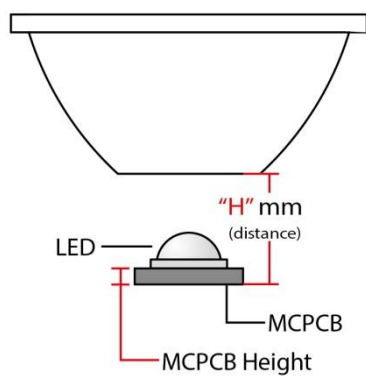


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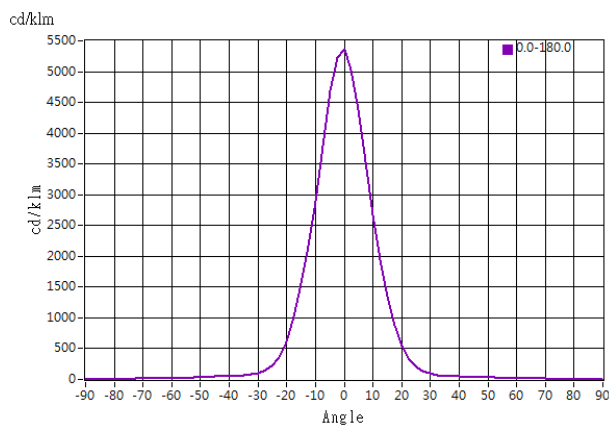




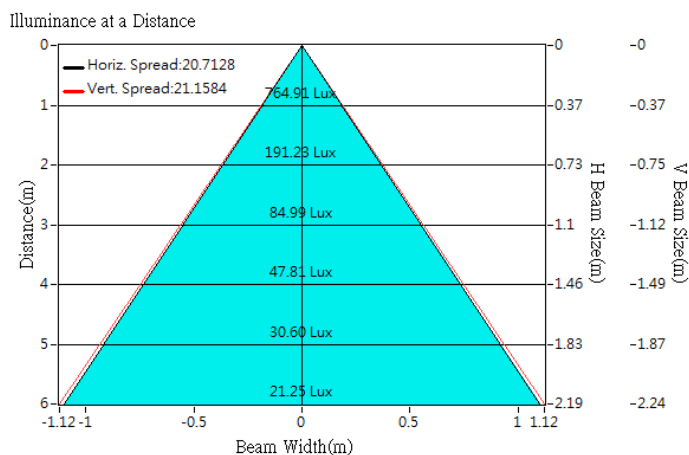
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition
LED	XP-E2		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	21°		
Field Angle (D10)	41°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	143 lm	Measured @ 1.1 W	
Material	PC / UL94V2		

cd/klm

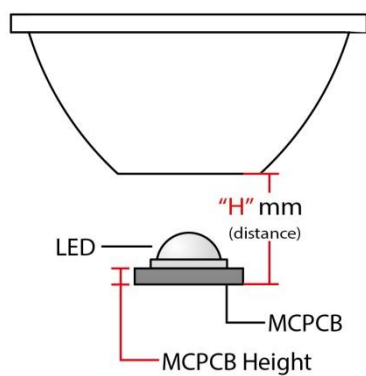


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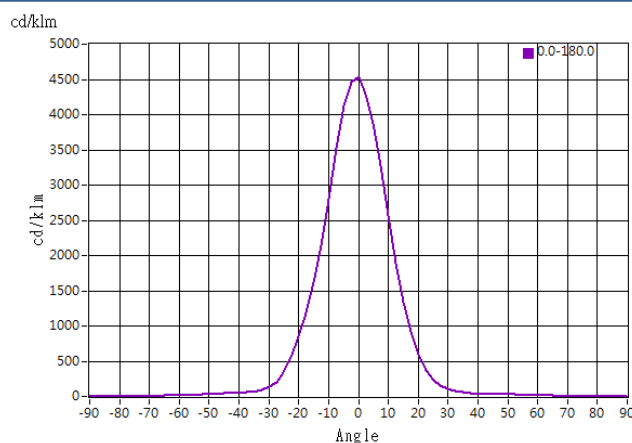




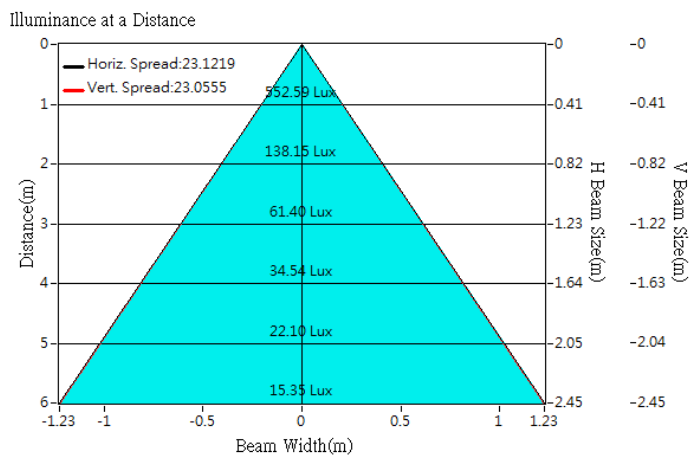
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition
LED	XP-G2		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	23°		
Field Angle (D10)	45°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	122 lm	Measured @ 1.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

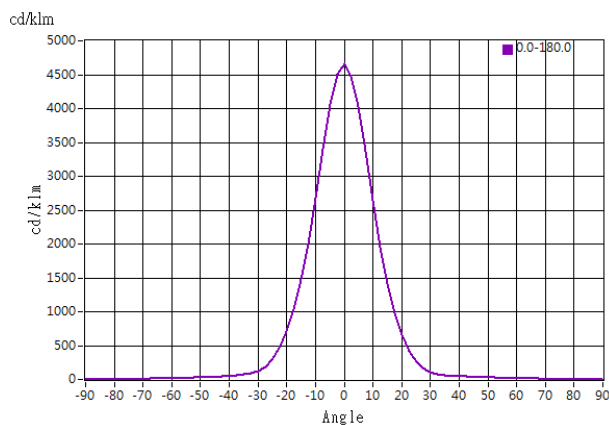




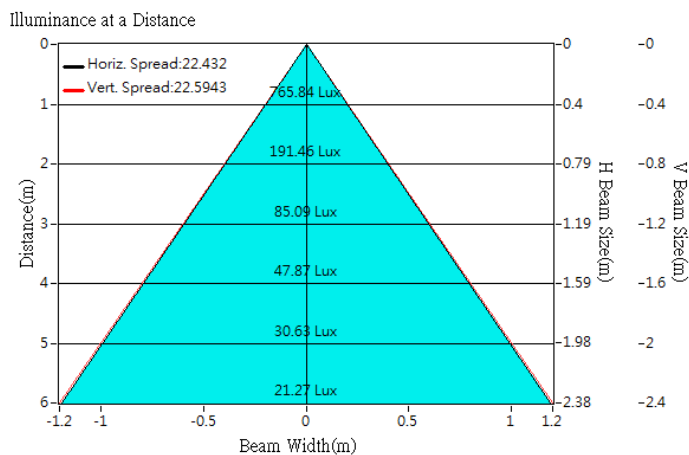
Optical Characteristics

Model Number	CKO-CS18-025014-0903		
LED	XP-G3		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	22°		
Field Angle (D10)	44°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	164lm	Measured @ 1.1 W	
Material	PC / UL94V2		

cd/klm

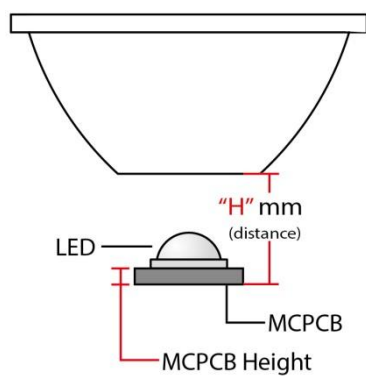


Illuminance At Distances

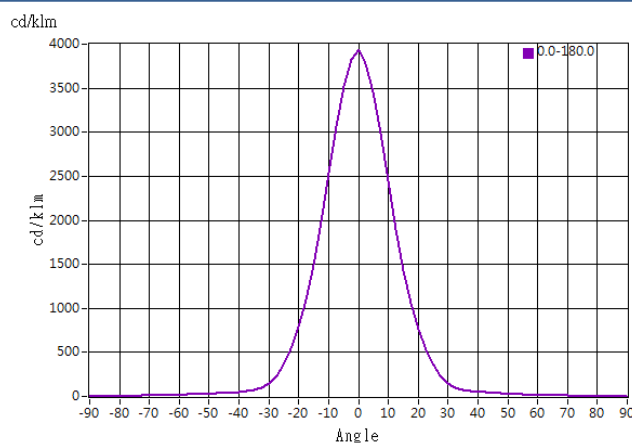




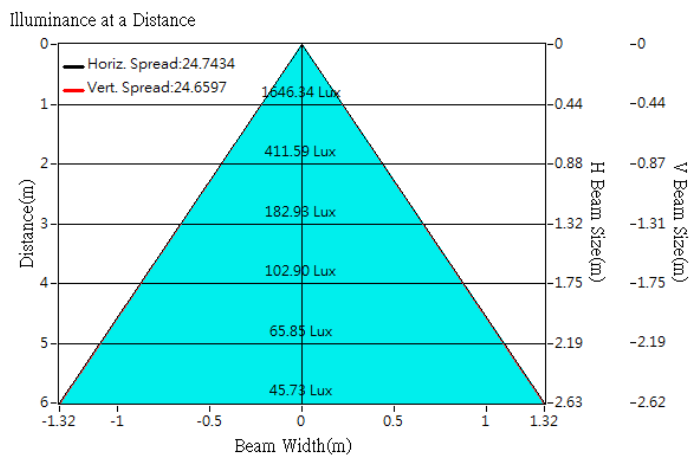
Optical Characteristics

Model Number		CKO-CS18-025014-0903	
LED	XP-L HD		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	25°		
Field Angle (D10)	49°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	419 lm	Measured @ 3.66 W	
Material	PC / UL94V2		

cd/klm

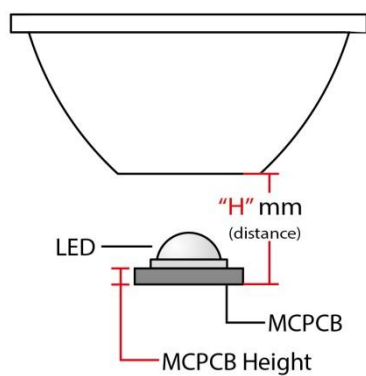


Illuminance At Distances

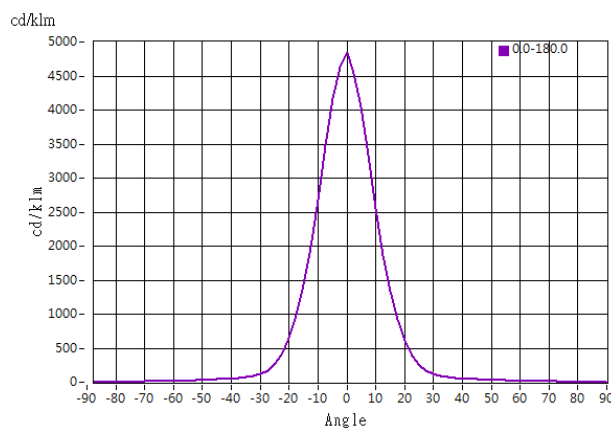




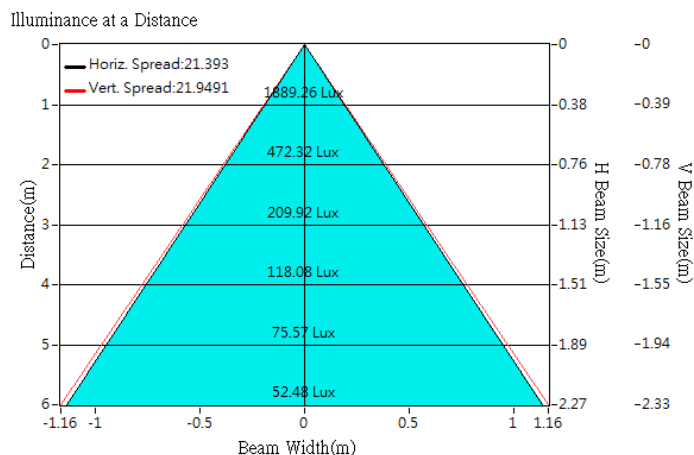
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition
LED	XP-L HI		
LES / LED Size	3.45 x 3.45		
FWHM (D50)	21°		
Field Angle (D10)	43°		
H (distance)	0 mm		
MCPCB Height	0 mm		
Dimension	Φ =25 mm, Thickness=13.5 mm		
Luminous Flux	390 lm	Measured @ 3.5 W	
Material	PC / UL94V2		

cd/klm

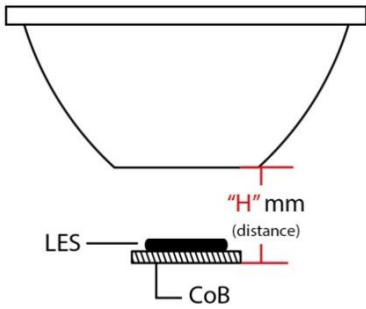


Illuminance At Distances

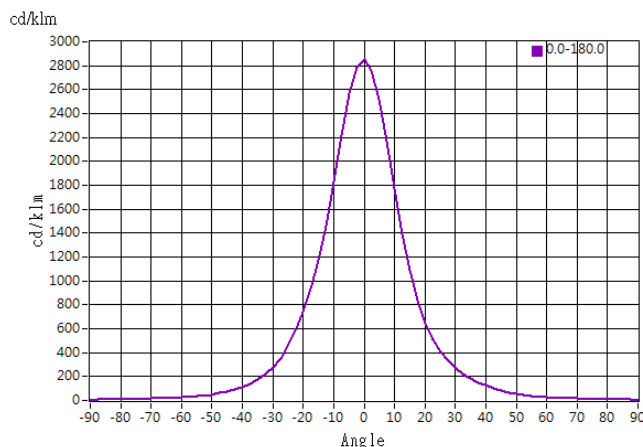




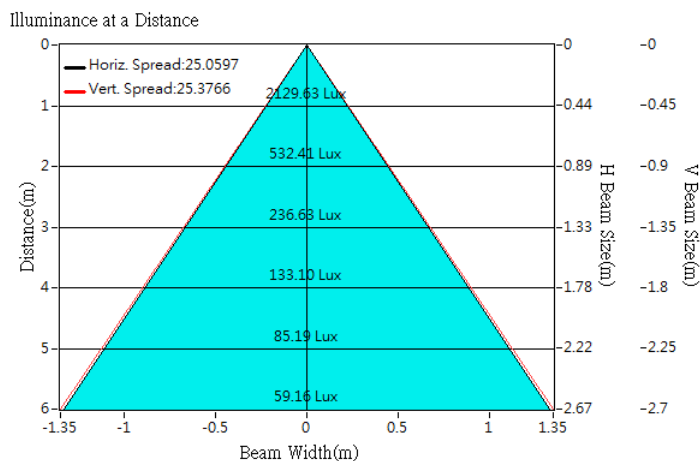
Optical Characteristics

Model Number		CKO-CS18-025014-0903	"H" definition
LED	CMA1303		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	25°		
Field Angle (D10)	59°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	745 lm	Measured @ 6.7 W	
Material	PC / UL94V2		

cd/klm

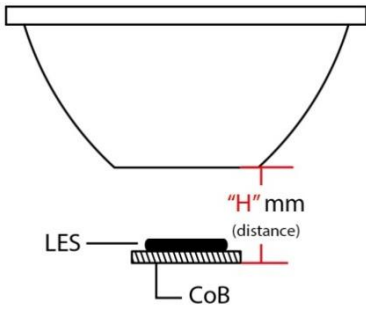


Illuminance At Distances

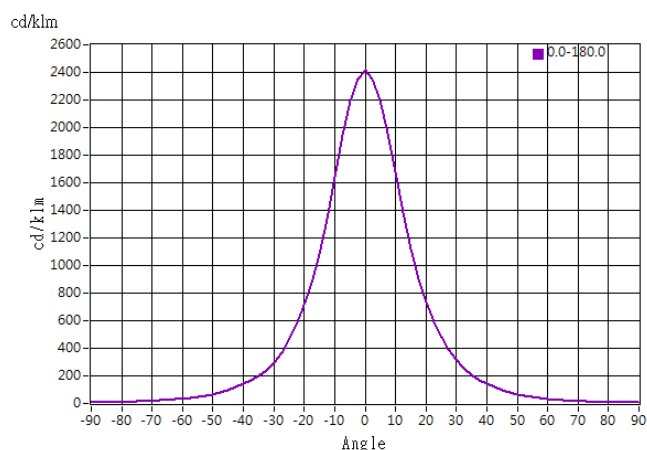




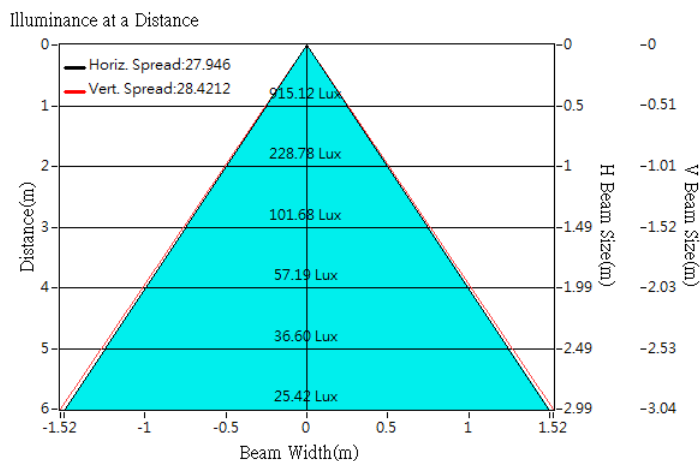
Optical Characteristics

Model Number		CKO-CS18-025014-0903	"H" definition
LED	CXA1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	28°		
Field Angle (D10)	66°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	379 lm	Measured @ 3.7 W	
Material	PC / UL94V2		

cd/klm

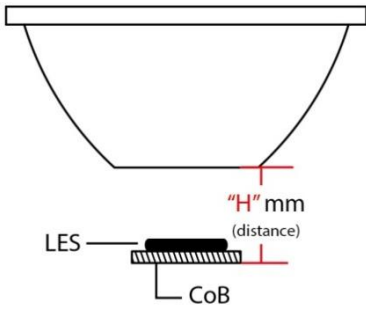


Illuminance At Distances

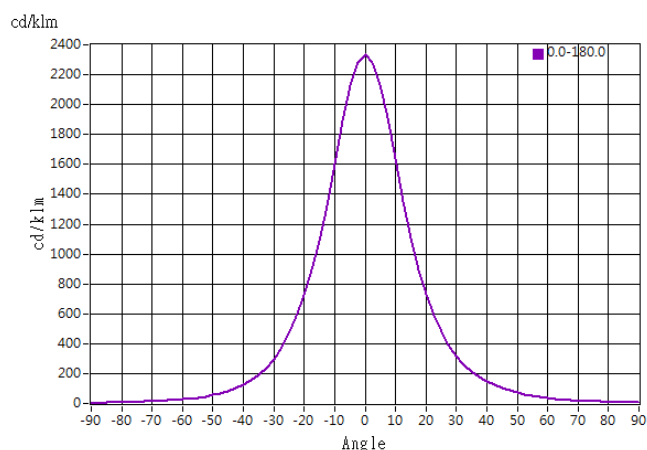




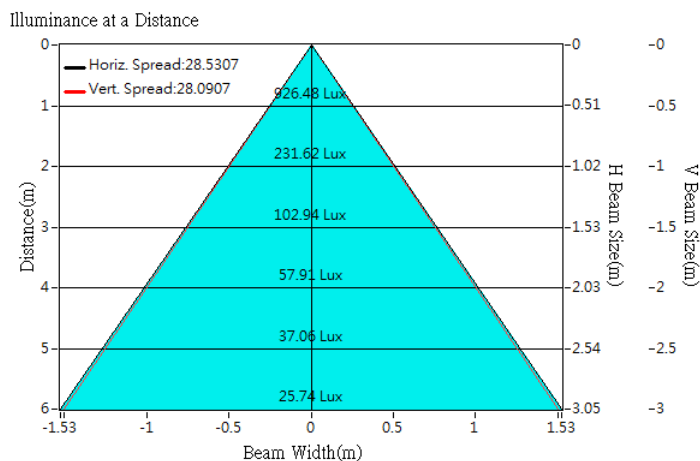
Optical Characteristics

Model Number		CKO-CS18-025014-0903	"H" definition
LED	CXB1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	29°		
Field Angle (D10)	67°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	397 lm	Measured @ 3.5 W	
Material	PC / UL94V2		

cd/klm

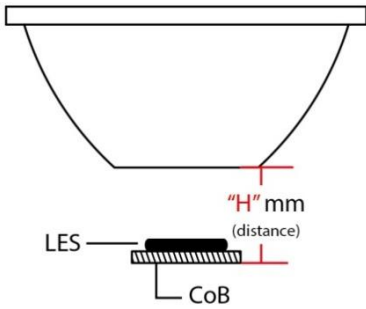


Illuminance At Distances

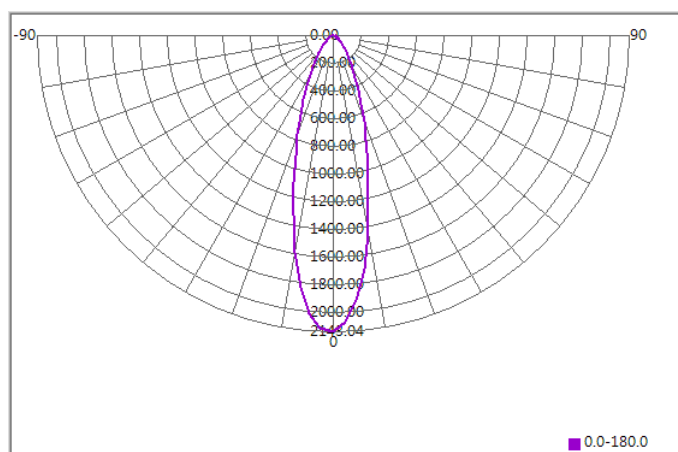




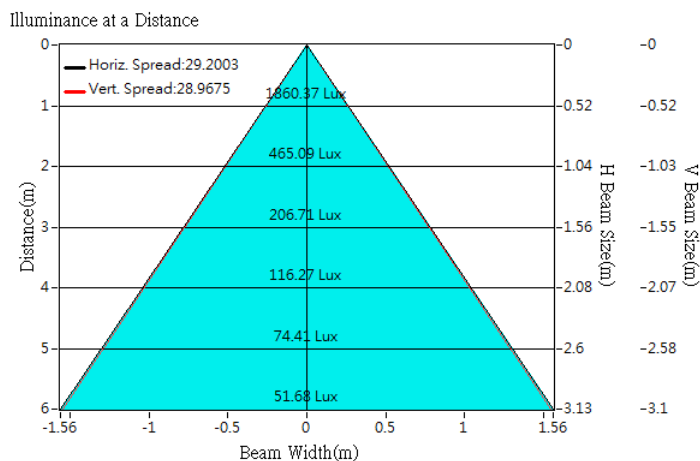
Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition 
LED	CMA1306		
LES / LED Size	Φ 6 mm		
FWHM (D50)	29°		
Field Angle (D10)	70°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	868 lm	Measured @ 7.3 W	
Material	PC / UL94V2		

cd/klm

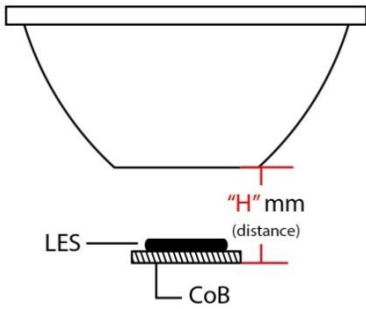


Illuminance At Distances

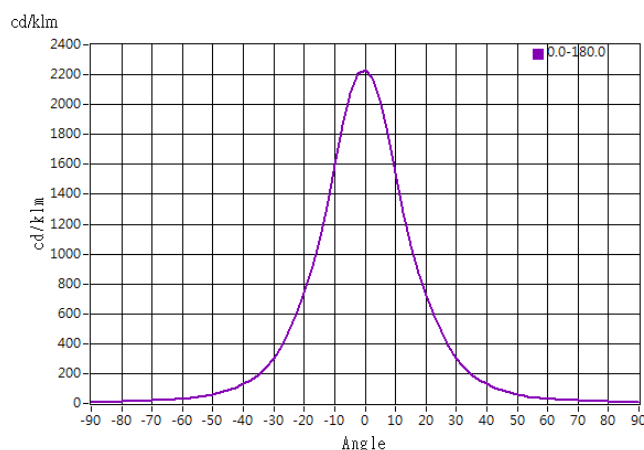




Optical Characteristics

Model Number	CKO-CS18-025014-0903		"H" definition 
LED	CXB1310		
LES / LED Size	Φ 6 mm		
FWHM (D50)	29°		
Field Angle (D10)	67°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1292 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

