



Product Model Number

CKO-CH19-030015-2501

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

(A)

(B)

(C)

(D)

(E)

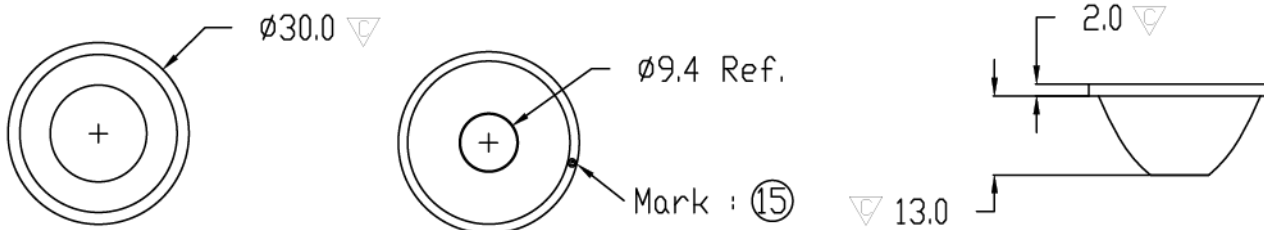


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ30 x 15



▽:Critical Dimension

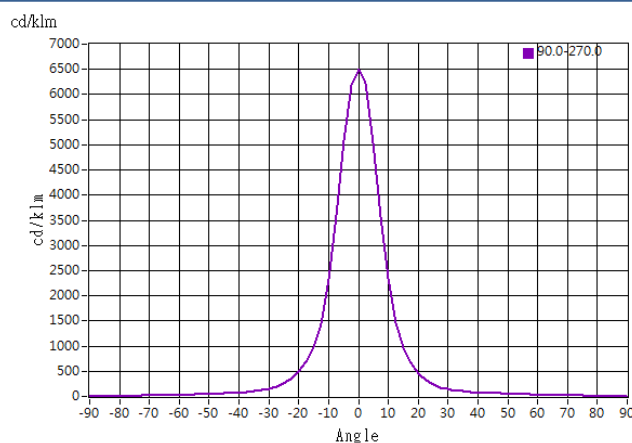
[illegible]



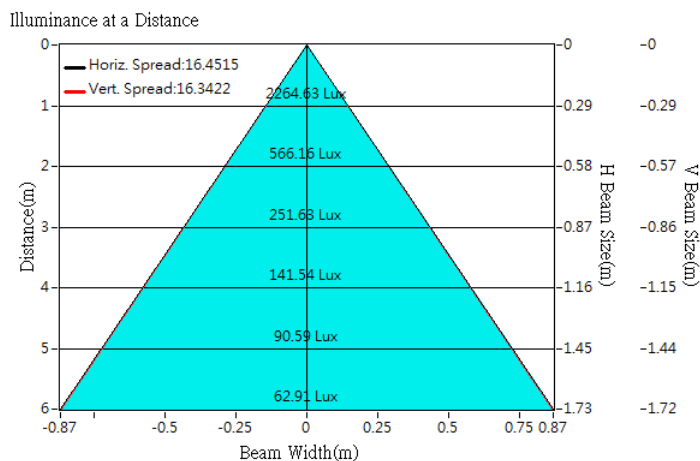
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition
LED	XD-16 4IN1		
LES / LED Size	1.6 x 1.6		
FWHM (D50)	16°		
Field Angle (D10)	36°		
H (distance)	2.5 mm		
MCPCB Height	1.1 mm		
Dimension	Φ =30 mm, Thickness=15 mm		
Luminous Flux	348.7 lm	Measured @ 3.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

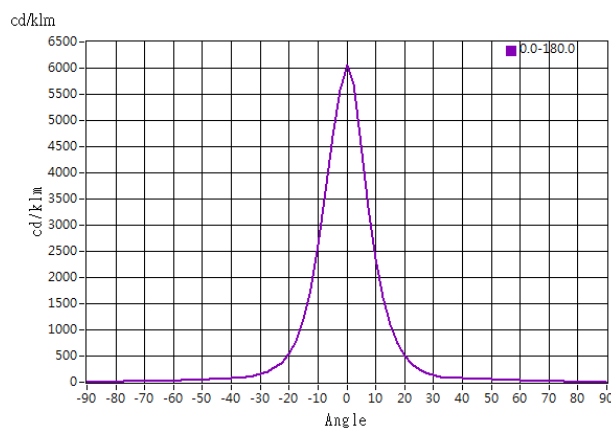




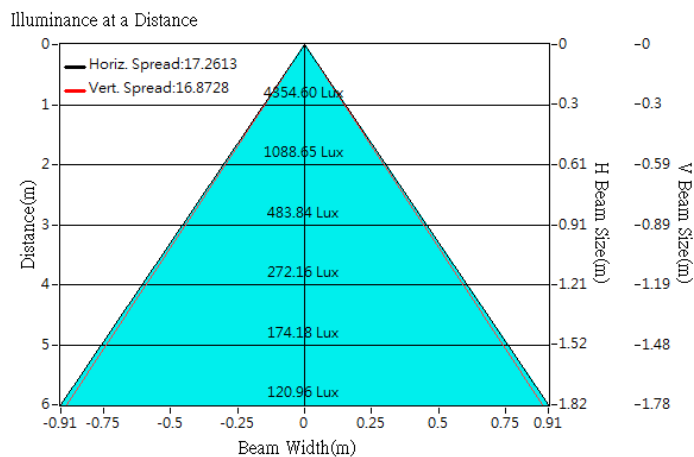
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition 
LED	CMA1303		
LES / LED Size	Φ 4.5 mm		
FWHM (D50)	17°		
Field Angle (D10)	38°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	719 lm	Measured @ 6.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

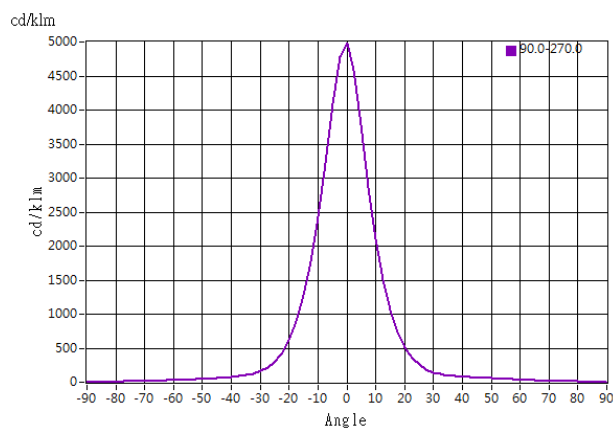




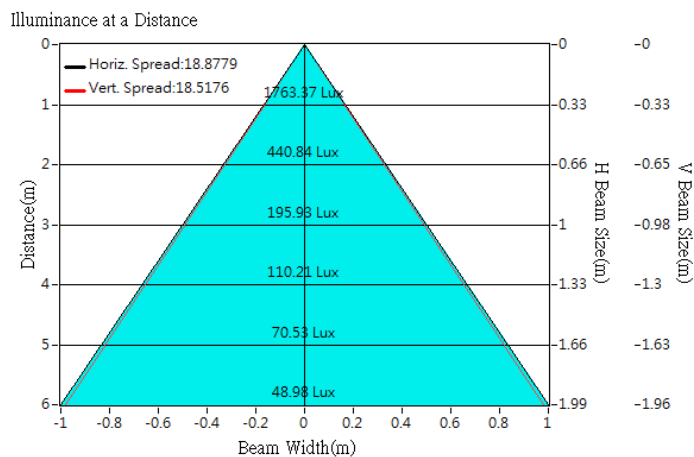
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition 
LED	CXA1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	18°		
Field Angle (D10)	42°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	354 lm	Measured @ 4.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

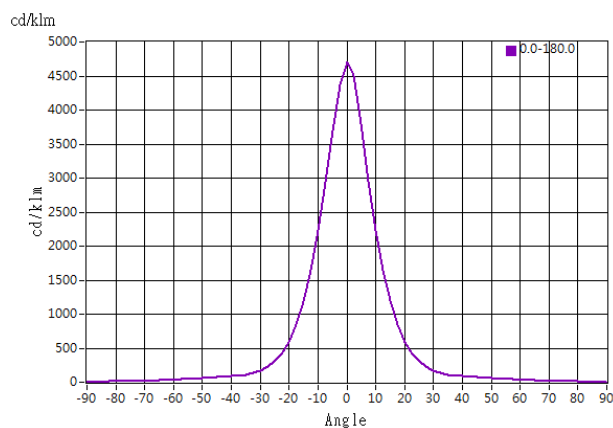




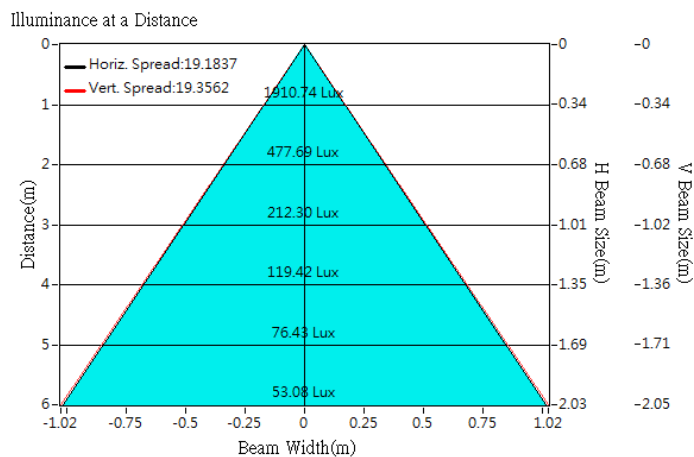
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition 
LED	CXB1304		
LES / LED Size	Φ 6 mm		
FWHM (D50)	19°		
Field Angle (D10)	43°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	406 lm	Measured @ 3.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

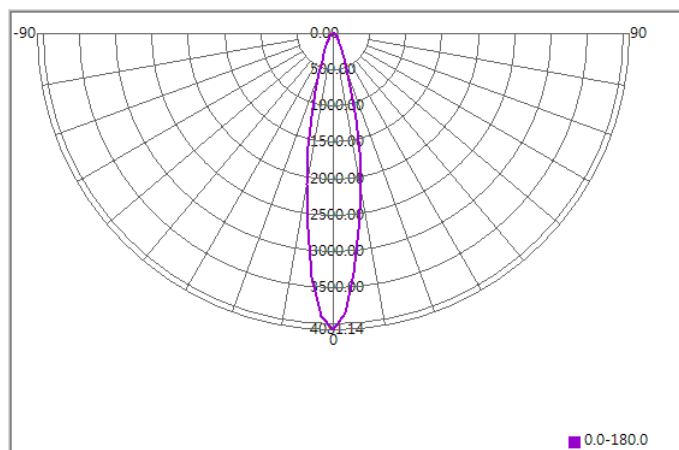




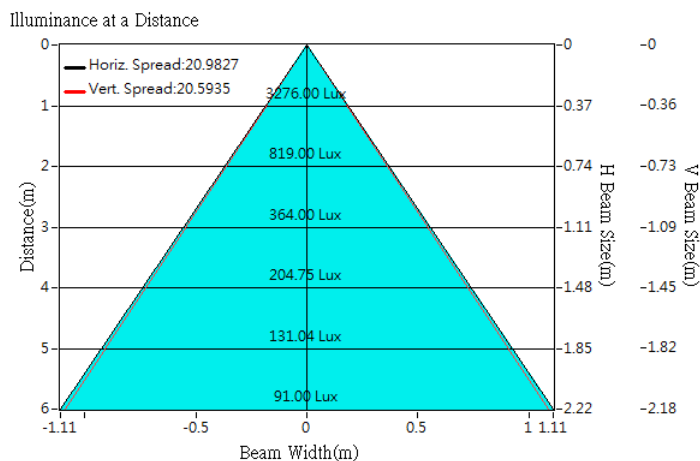
Optical Characteristics

Model Number	CKO-CH19-030015-2501		“H” definition 
LED	CMA1306		
LES / LED Size	Φ 6 mm		
FWHM (D50)	21°		
Field Angle (D10)	45°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	802 lm	Measured @ 7.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

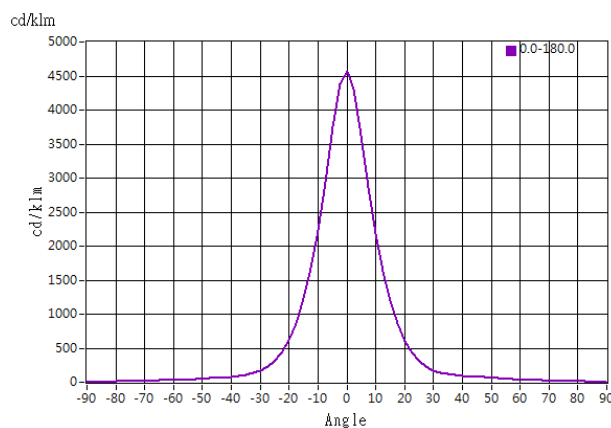




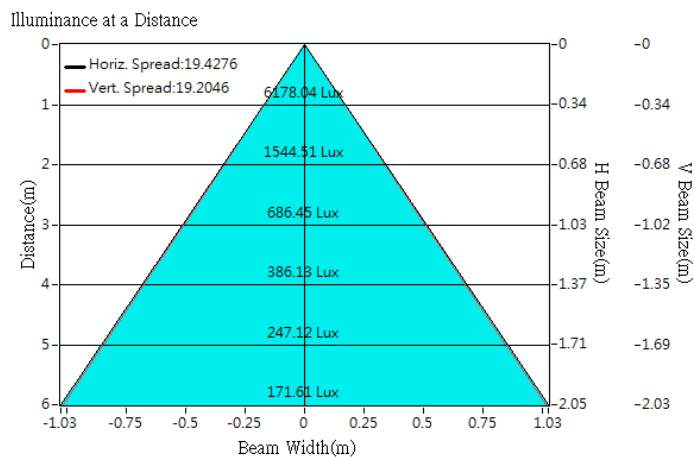
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition 
LED	CXB1310		
LES / LED Size	Φ 6 mm		
FWHM (D50)	19°		
Field Angle (D10)	44°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	1350 lm	Measured @ 11.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

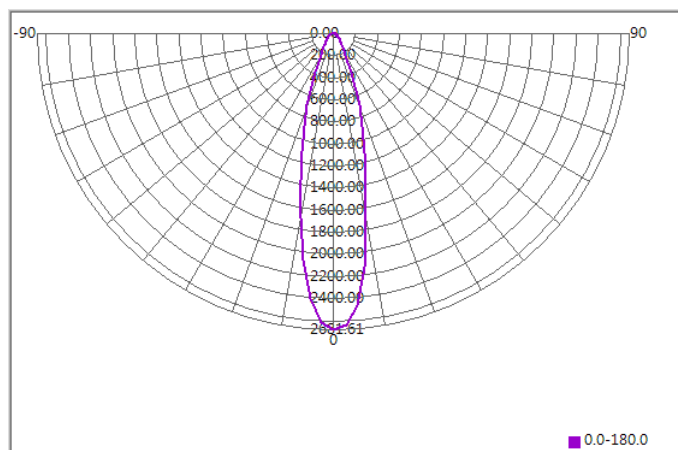




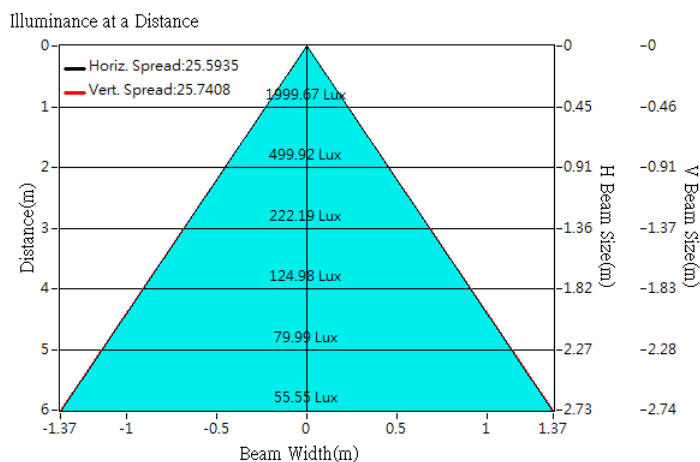
Optical Characteristics

Model Number	CKO-CH19-030015-2501		
LED	CXB1507		
LES / LED Size	Φ 6 mm		
FWHM (D50)	26°		
Field Angle (D10)	57°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	745 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

cd/klm

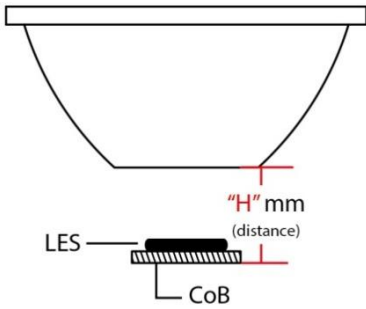


Illuminance At Distances

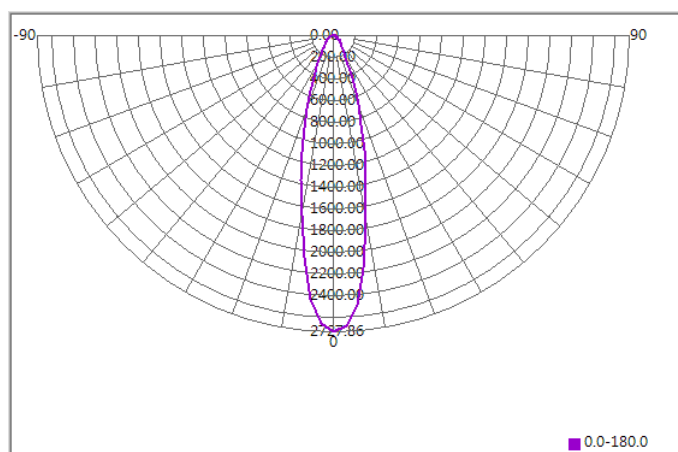




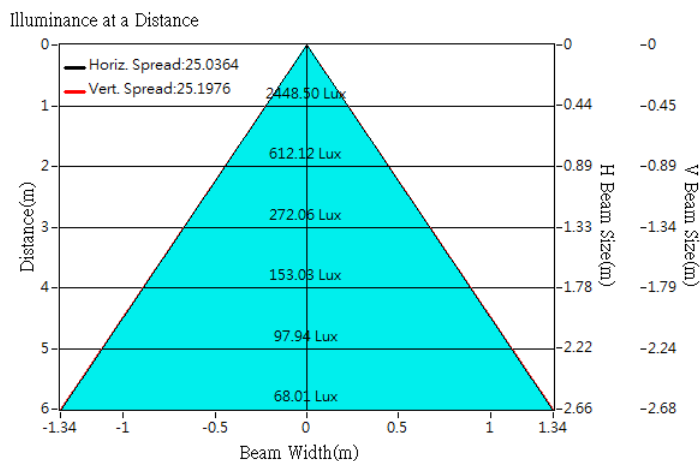
Optical Characteristics

Model Number	CKO-CH19-030015-2501		"H" definition 
LED	CXA1510		
LES / LED Size	Φ 6 mm		
FWHM (D50)	25°		
Field Angle (D10)	58°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	897 lm	Measured @ 9.1 W	
Material	PC / UL94V2		

cd/klm

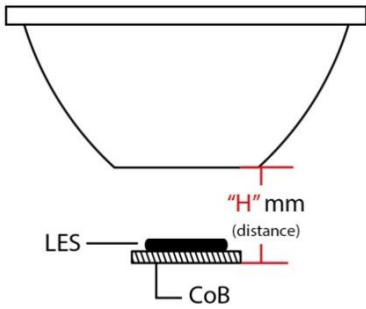


Illuminance At Distances

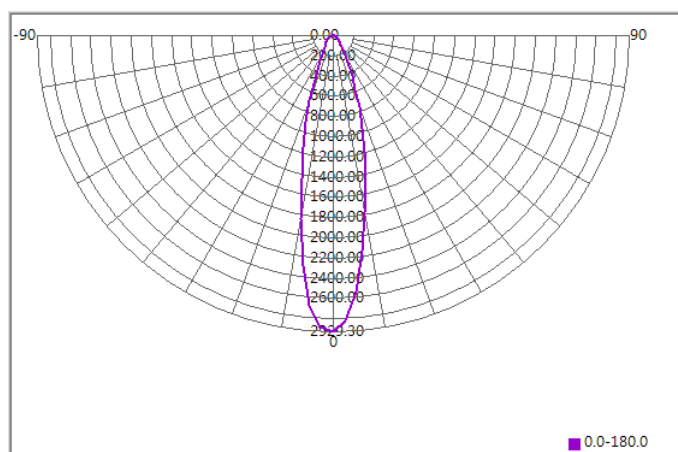




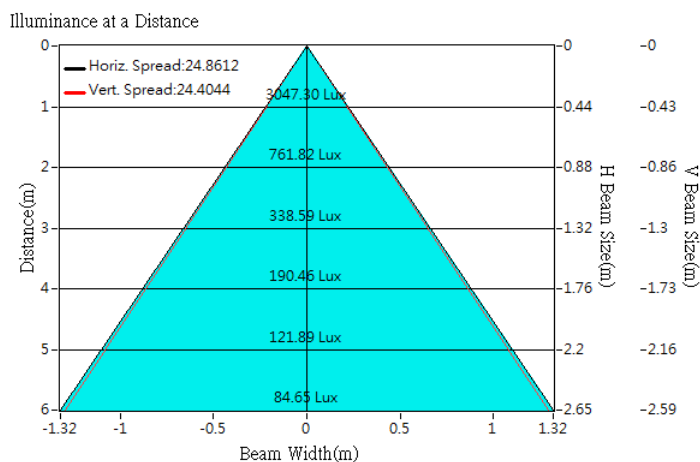
Optical Characteristics

Model Number	CKO-CH19-030015-2501		
LED	CXA1512		
LES / LED Size	Φ 6 mm		
FWHM (D50)	25°		
Field Angle (D10)	56°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	1040 lm	Measured @ 13.2 W	
Material	PC / UL94V2		

cd/klm

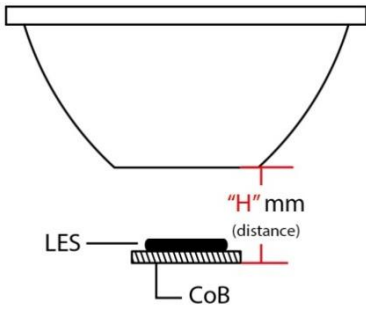


Illuminance At Distances

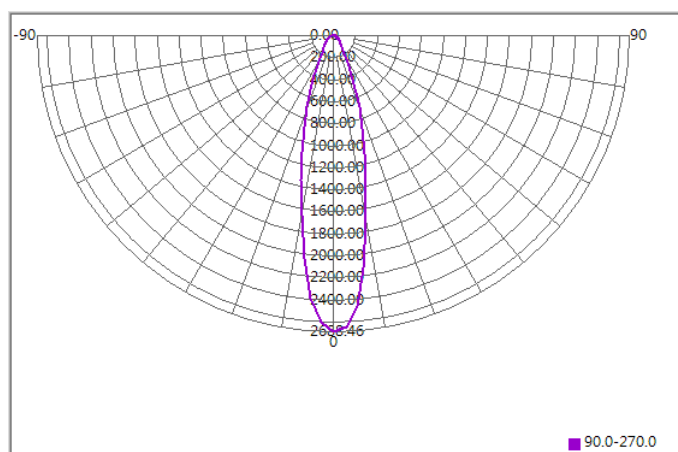




Optical Characteristics

Model Number	CKO-CH19-030015-2501		
LED	CXB1512		
LES / LED Size	Φ 6 mm		
FWHM (D50)	26°		
Field Angle (D10)	58°		
H (distance)	2.5 mm		
Dimension	Φ =30mm, Thickness=15mm		
Luminous Flux	1256 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

