



Product Model Number

CKO-CH15-045021-1670

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

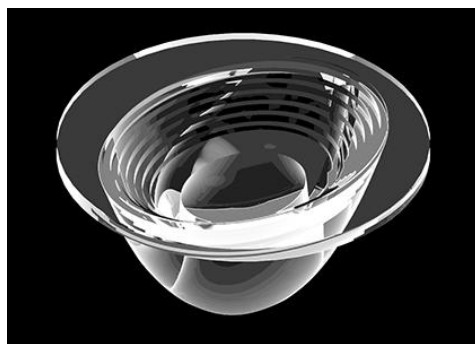
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(A)

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(B)

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(E)

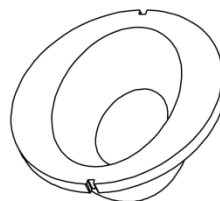
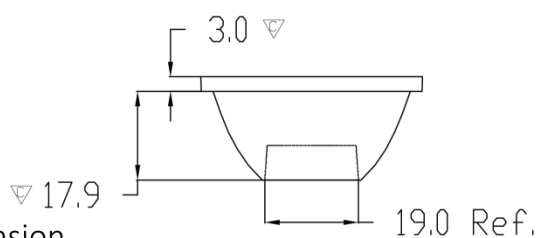
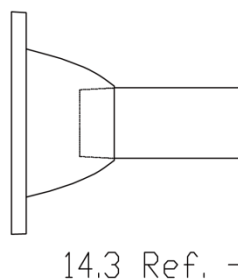
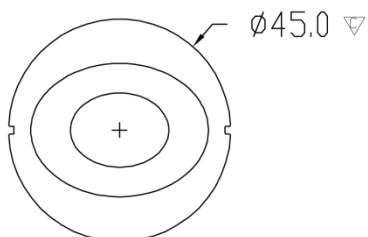


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ45x20.9



▽:Critical Dimension

Chun Kuang Optics Corp.

2022/1/6



✓ Optical Characteristics – Angle Performances

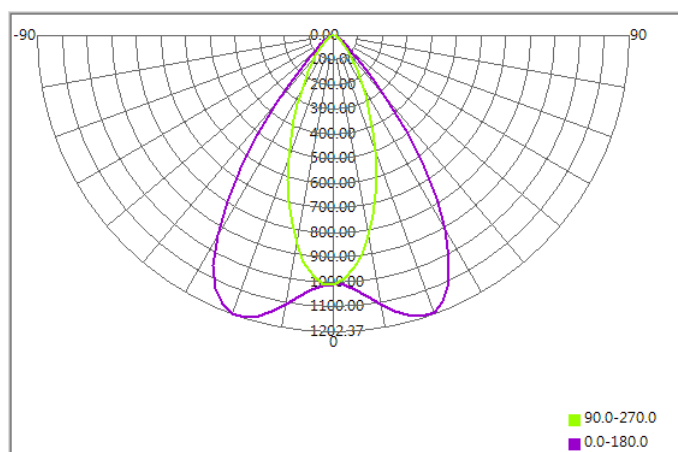
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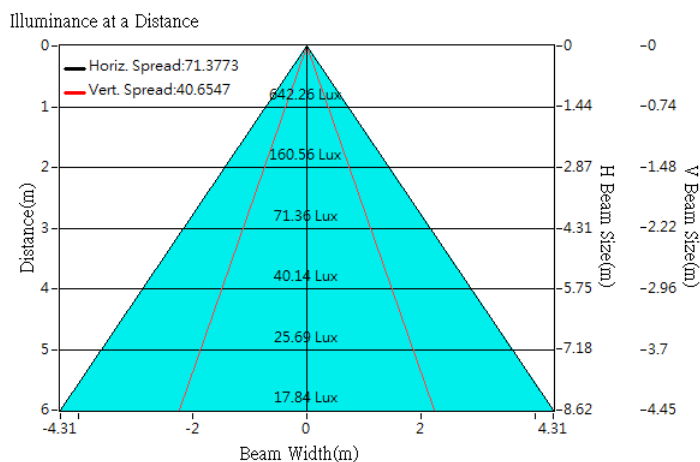
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CXA1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	41°x71°		
Field Angle (D10)	84°x95°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	636 lm	Measured @ 7.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

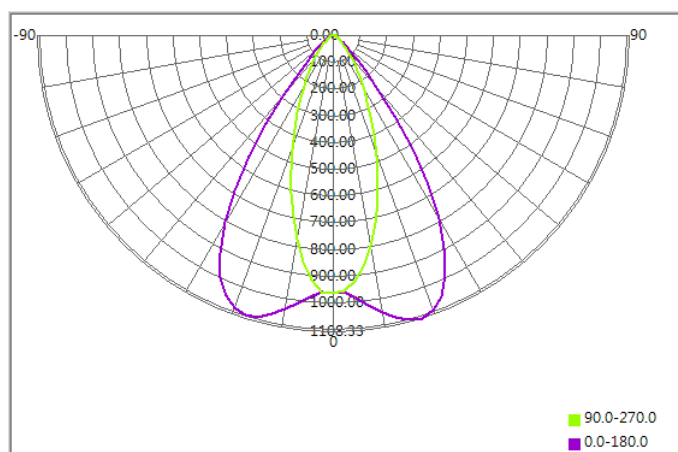




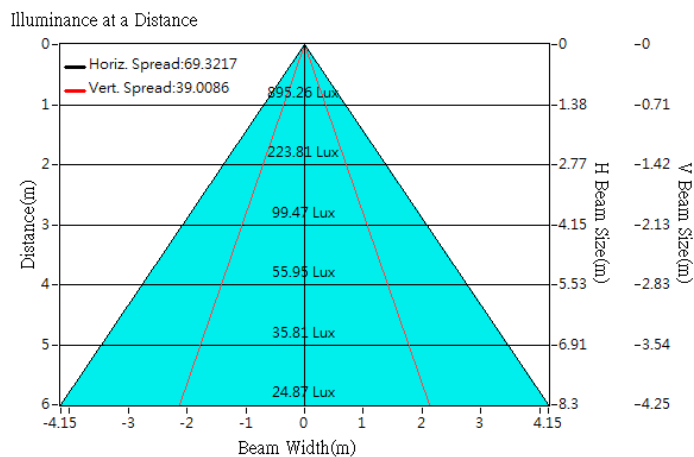
Optical Characteristics

Model Number	CKO-CH15-045021-1670		“H” definition 
LED	CXB1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	39°x69°		
Field Angle (D10)	83°x93°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	930 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

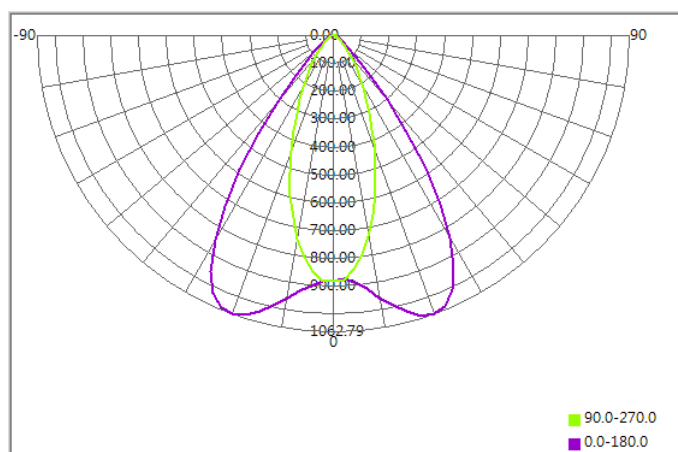




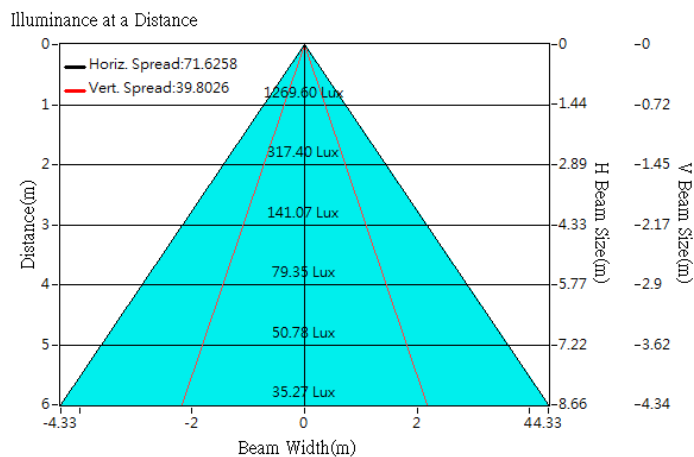
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CXA1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°x72°		
Field Angle (D10)	84°x95°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1439 lm	Measured @ 13.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

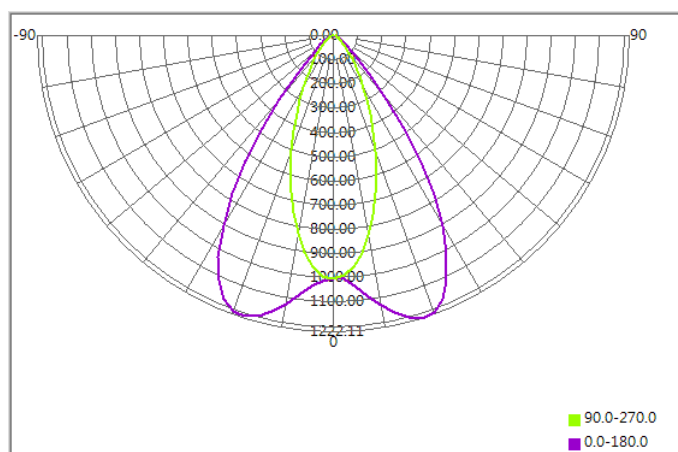




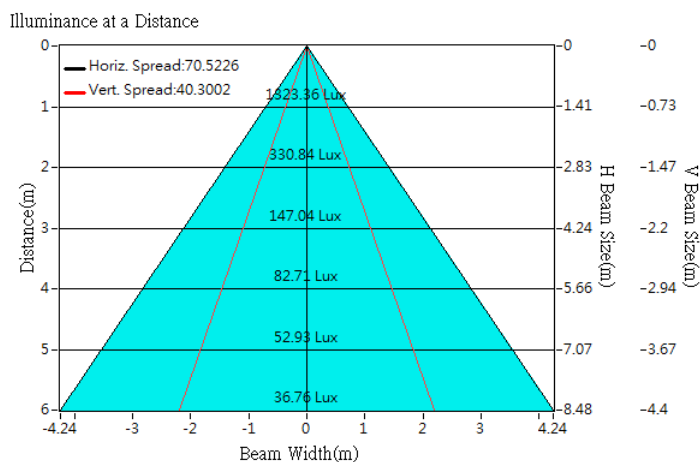
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CXB1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°x71°		
Field Angle (D10)	84°x95°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1321 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

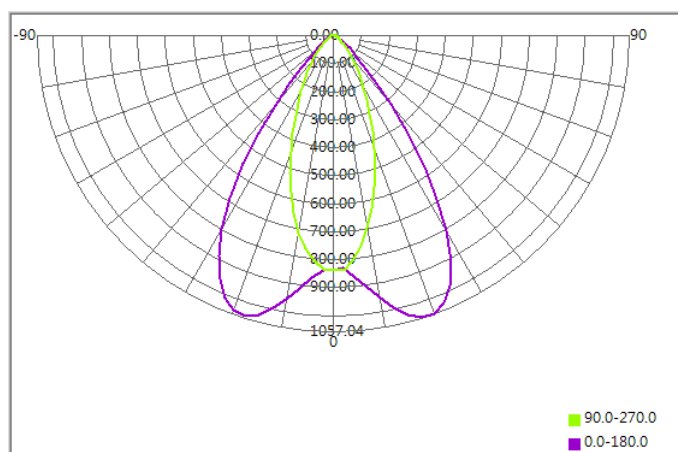




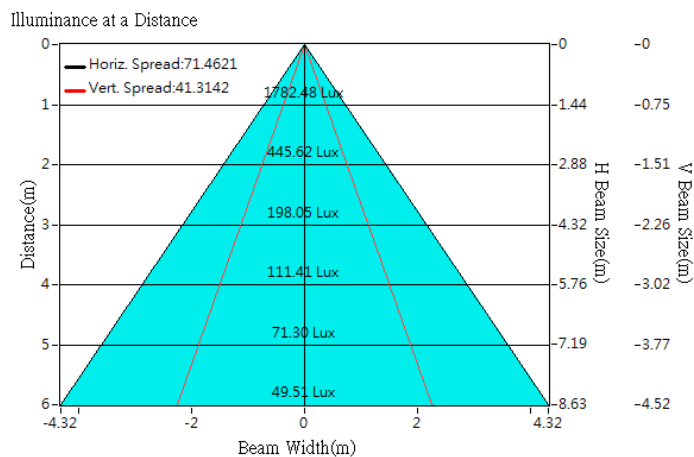
Optical Characteristics

Model Number	CKO-CH15-045021-1670		“H” definition 
LED	CMA1516		
LES / LED Size	Φ 9 mm		
FWHM (D50)	41°x71°		
Field Angle (D10)	87°x97°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2131 lm	Measured @ 15.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

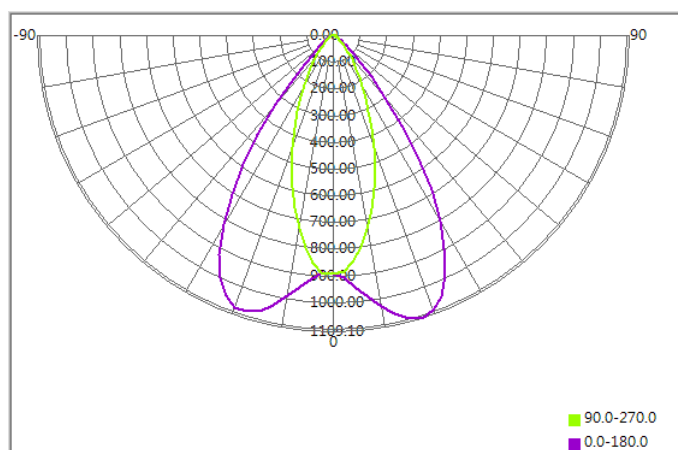




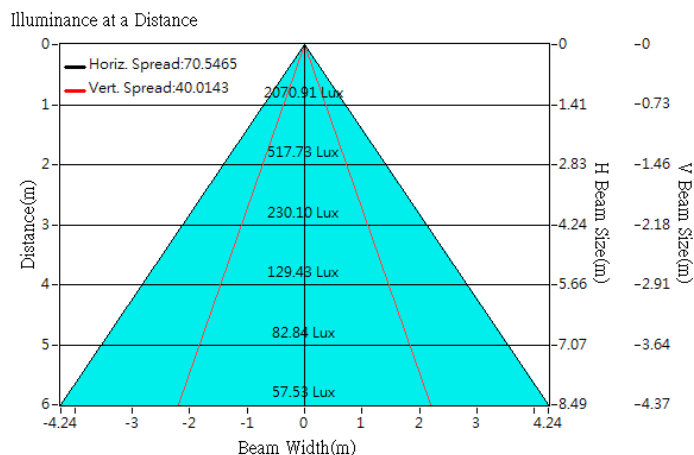
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CXB1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	40°x71°		
Field Angle (D10)	83°x94°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2317 lm	Measured @ 16.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

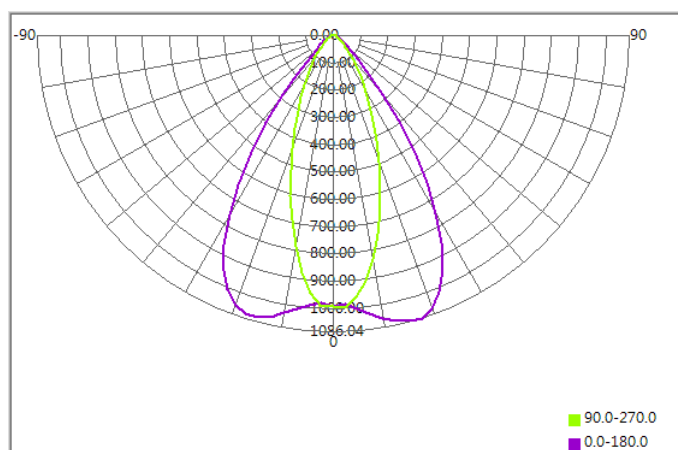




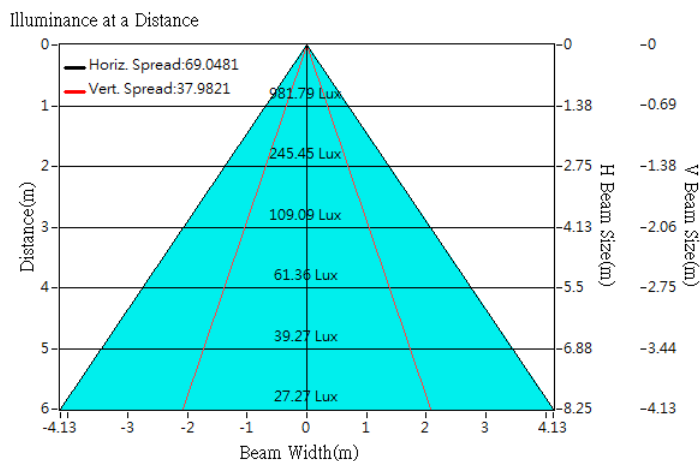
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CMT1407		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	38°x69°		
Field Angle (D10)	82°x94°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	987 lm	Measured @ 7 W	
Material	PC / UL94V2		

cd/klm

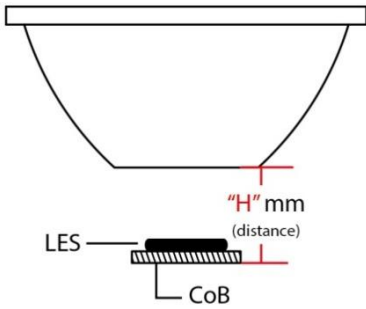


Illuminance At Distances

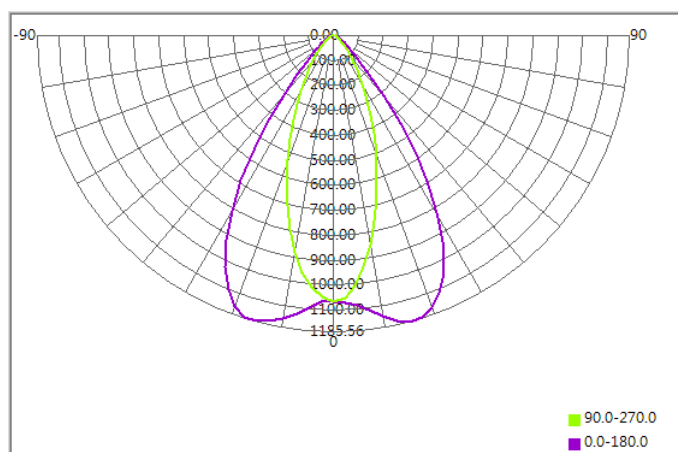




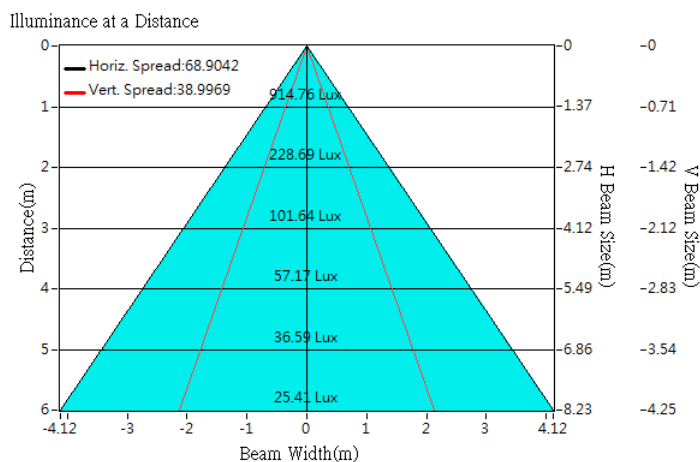
Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	42°x70°		
Field Angle (D10)	86°x95°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	859 lm	Measured @ 7.3 W	
Material	PC / UL94V2		

cd/klm

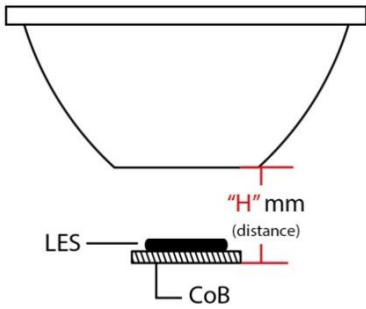


Illuminance At Distances

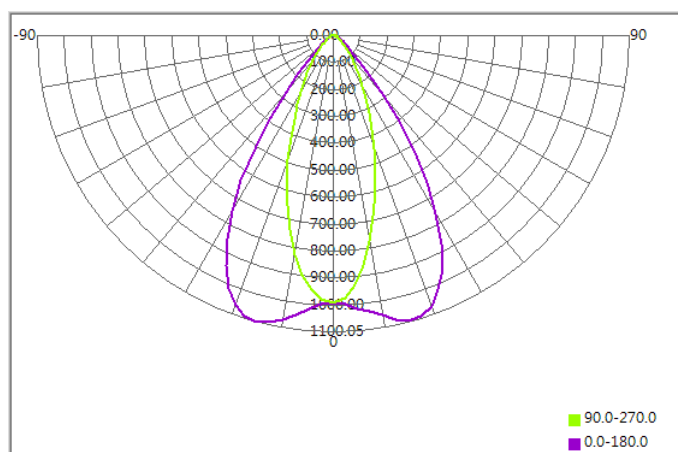




Optical Characteristics

Model Number	CKO-CH15-045021-1670		
LED	CMT1420		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	38°x69°		
Field Angle (D10)	82°x94°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2454 lm	Measured @ 19 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

