



Product Model Number

CKO-CH15-060027-4304

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

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(A)

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(B)

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(C)

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(D)

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(E)

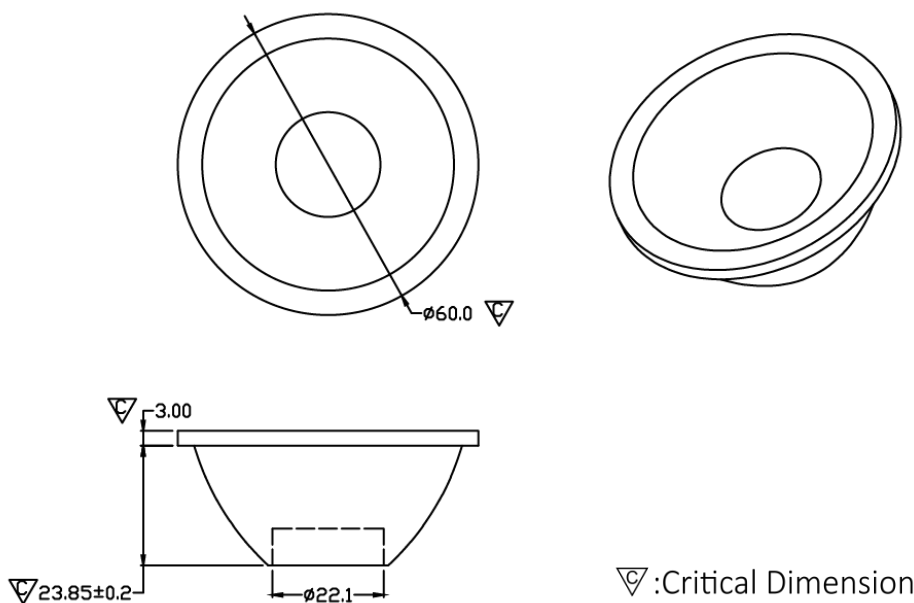


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ60 x 26.85





✓ **Optical Characteristics – Angle Performances**

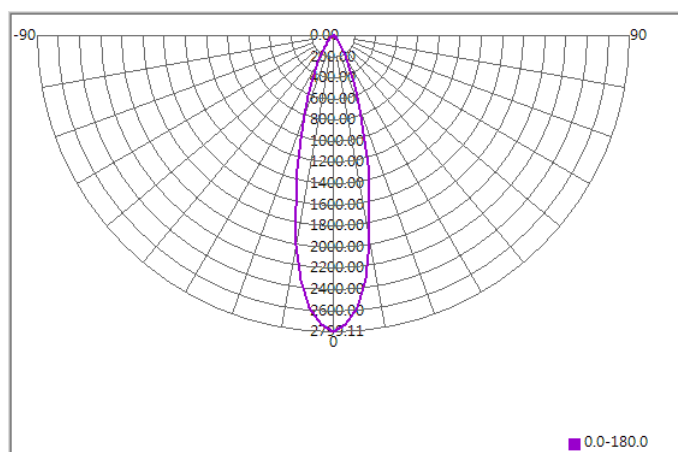
CREE	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CXB1507	Φ9	28°	59°
CXB1520	Φ9	28°	59°
CMT1412	Φ9.8	29°	60°
CXA1816	Φ12	31°	64°
CXB1816	Φ12	32°	65°
CXA1820	Φ12	31°	65°
CXB1820	Φ12	31°	65°
CMA1825	Φ12	32°	65°
CXB1830	Φ14	33°	68°
CMA1840	Φ14	34°	69°
CMT1922	Φ14.5	34°	69°
CMT1925	Φ14.5	34°	70°



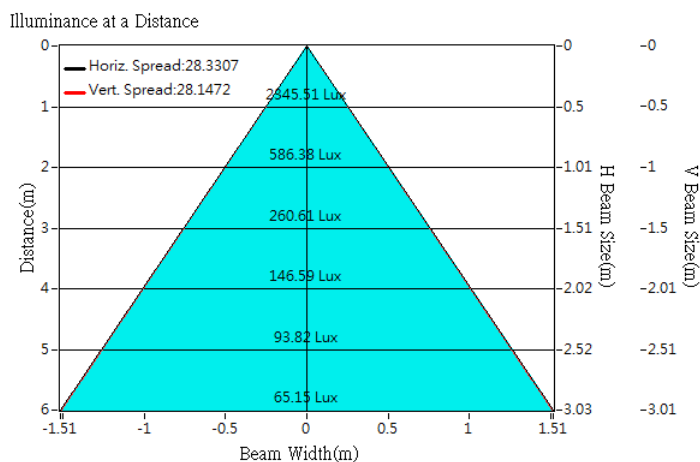
Optical Characteristics

Model Number	CKO-CH15-060027-4304		"H" definition 
LED	CXB1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	28°		
Field Angle (D10)	59°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	838 lm	Measured @ 7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

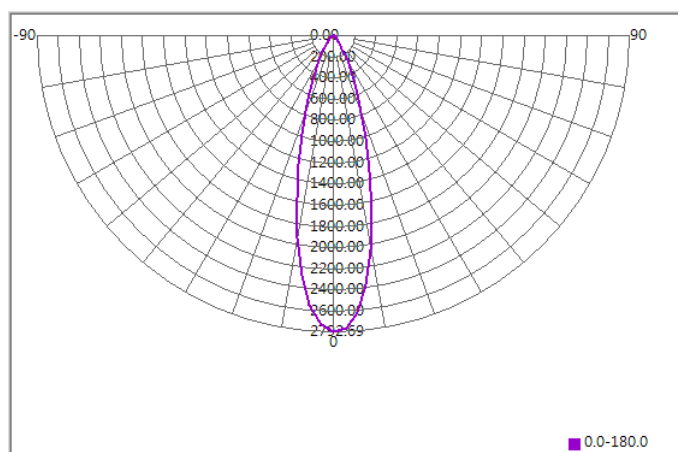




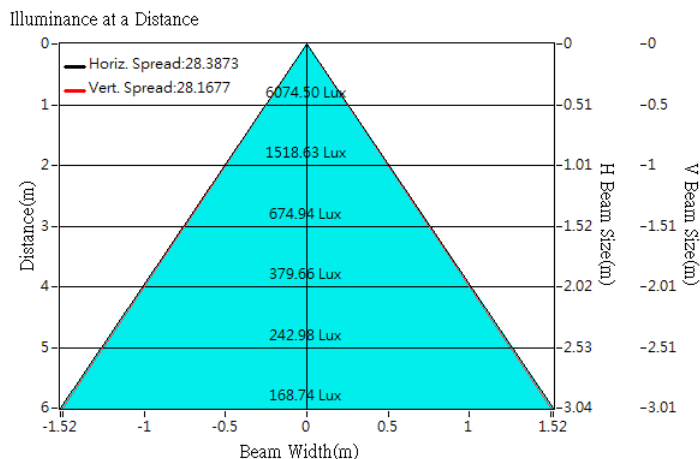
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CXB1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	28°		
Field Angle (D10)	59°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness= 26.85mm		
Luminous Flux	2175 m	Measured @ 16.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

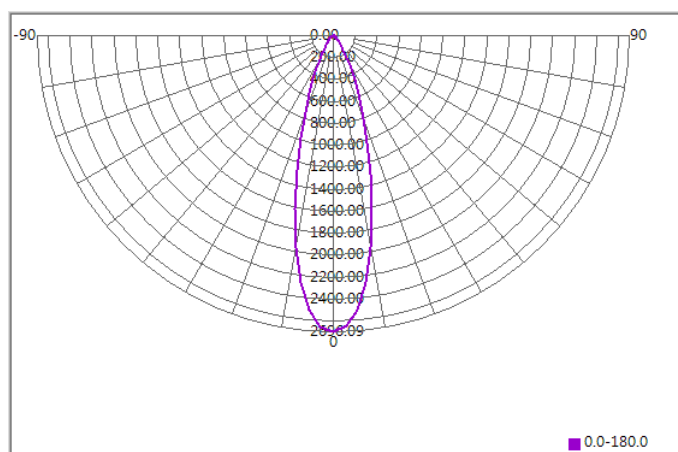




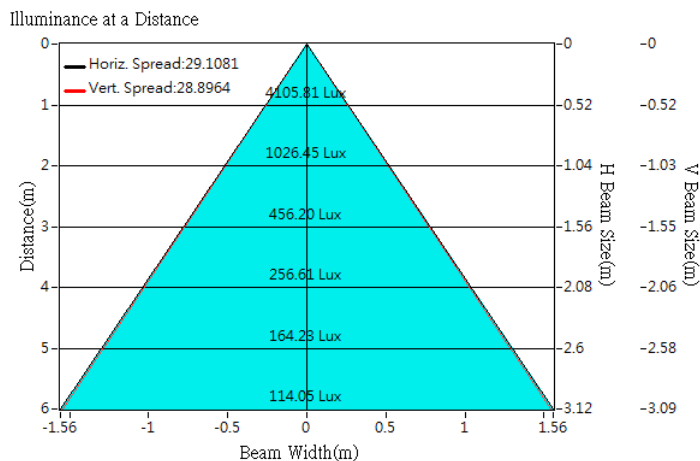
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	29°		
Field Angle (D10)	60°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness= 26.85mm		
Luminous Flux	1523 m	Measured @ 12.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

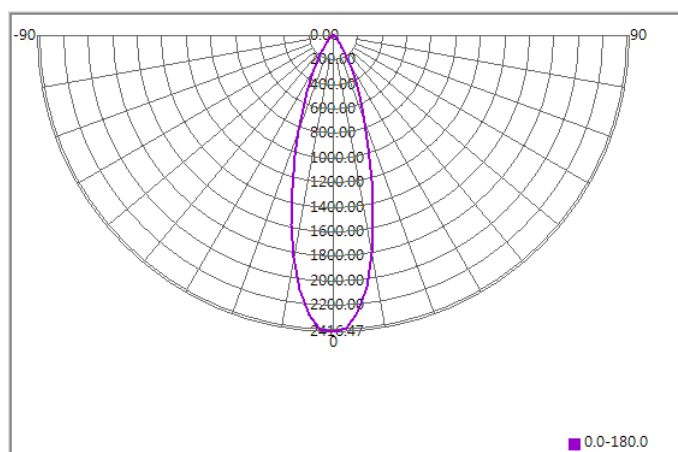




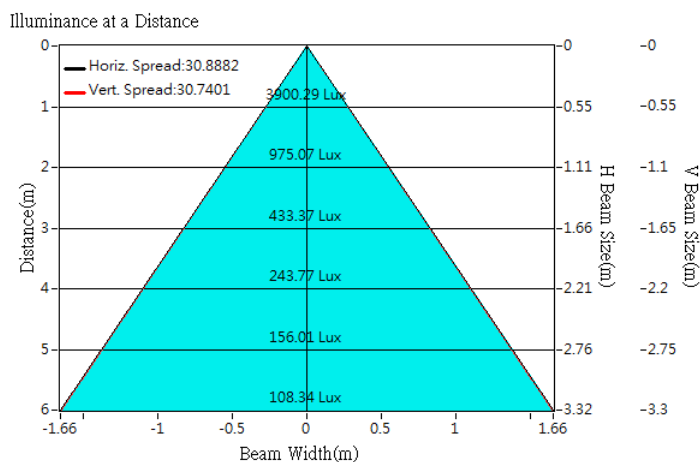
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CXA1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	31°		
Field Angle (D10)	64°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1614 lm	Measured @ 16.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

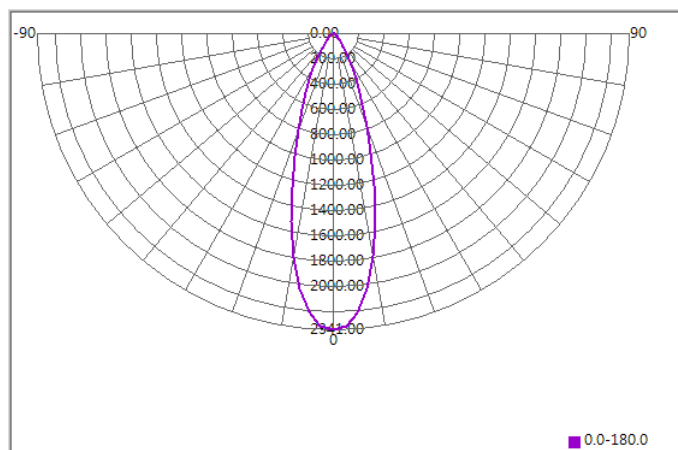




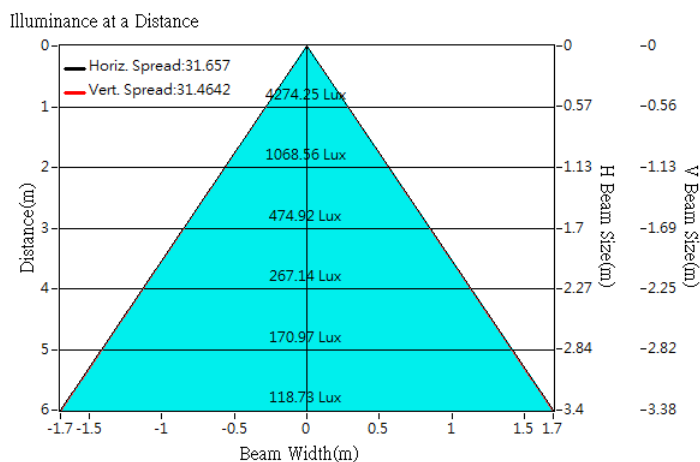
Optical Characteristics

Model Number	CKO-CH15-060027-4304		“H” definition 
LED	CXB1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	32°		
Field Angle (D10)	65°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1825 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

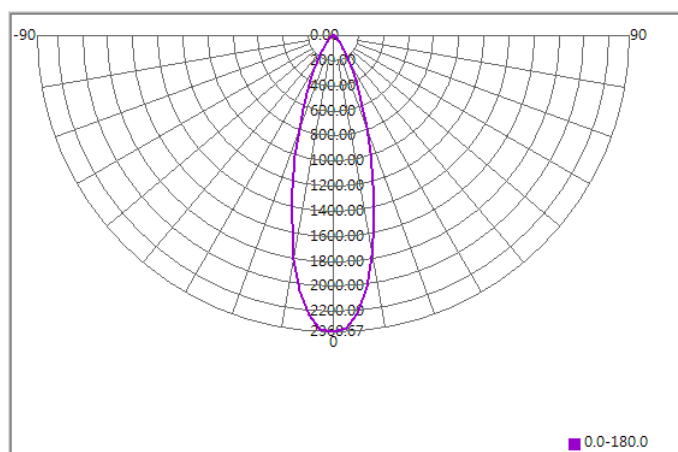




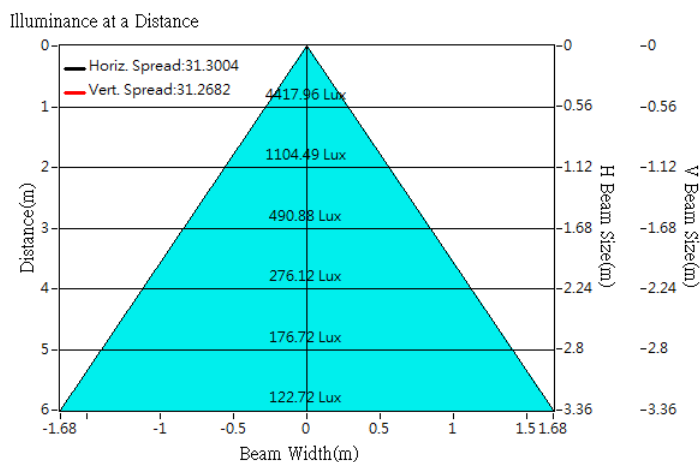
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	31°		
Field Angle (D10)	65°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1871 lm	Measured @ 19.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

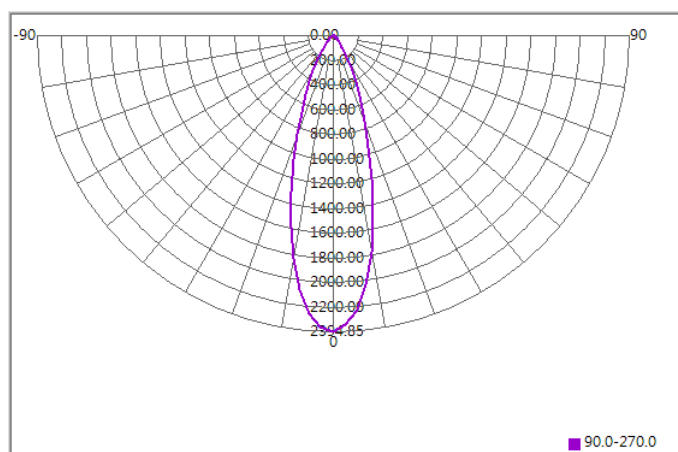




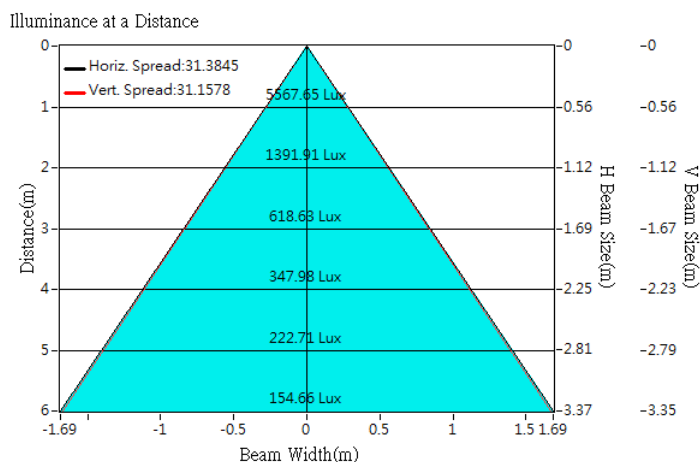
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	31°		
Field Angle (D10)	65°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2324 lm	Measured @ 19.6W	
Material	PC / UL94V2		

cd/klm

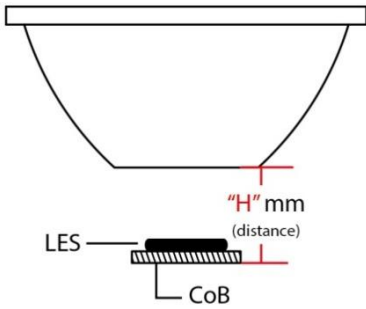


Illuminance At Distances

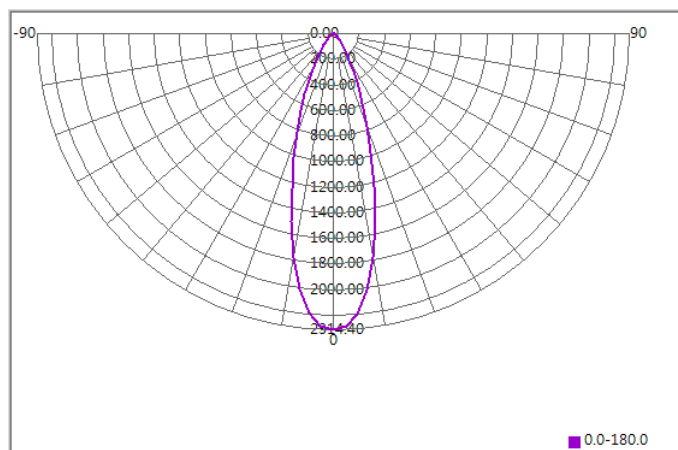




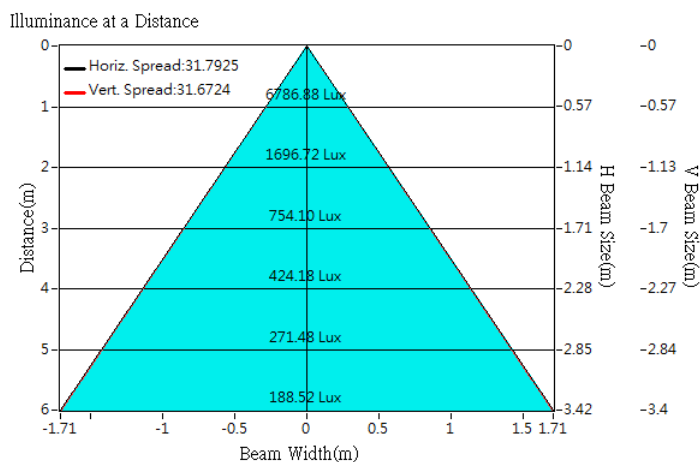
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CMA1825		
LES / LED Size	Φ 12 mm		
FWHM (D50)	32°		
Field Angle (D10)	65°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2932 lm	Measured @ 24.6 W	
Material	PC / UL94V2		

cd/klm

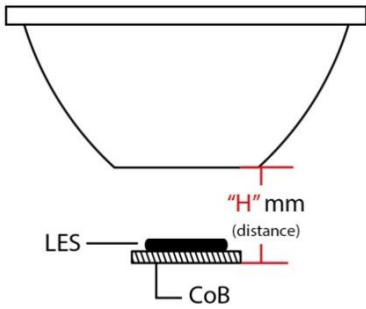


Illuminance At Distances

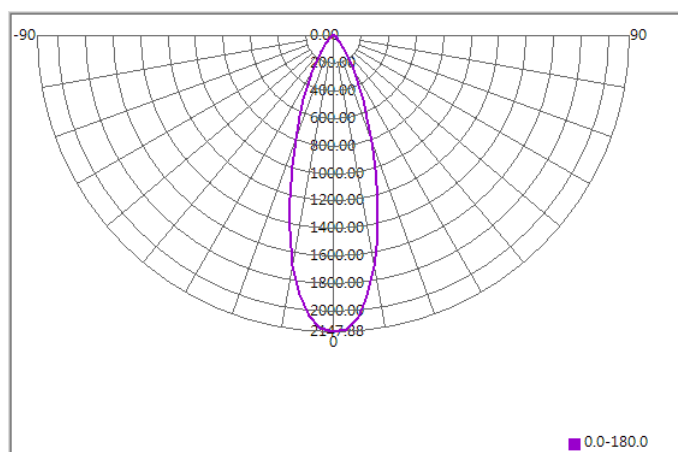




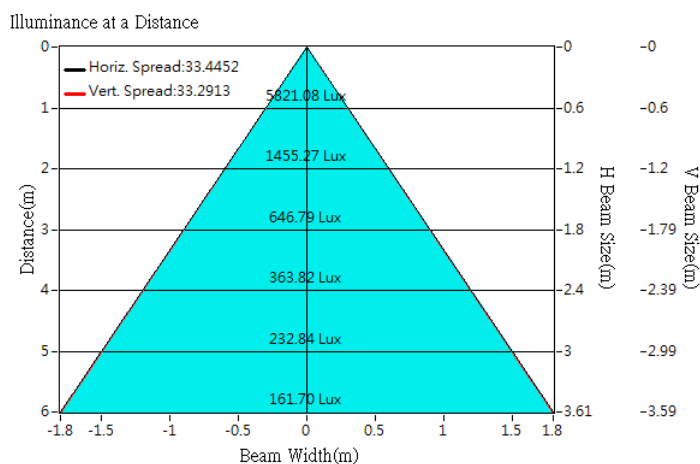
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	33°		
Field Angle (D10)	68°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2710 lm	Measured @ 27.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

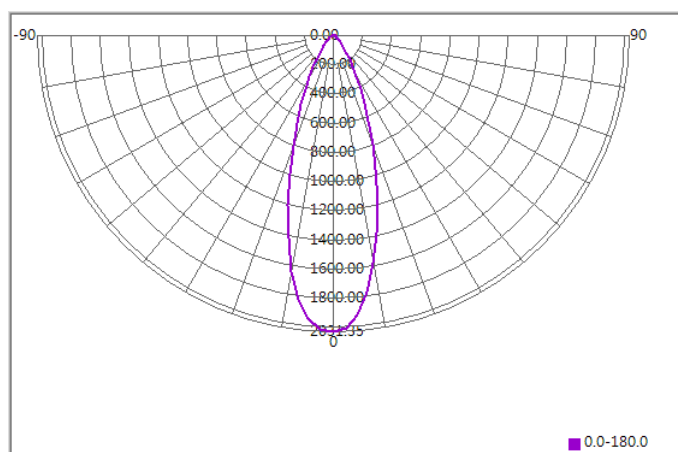




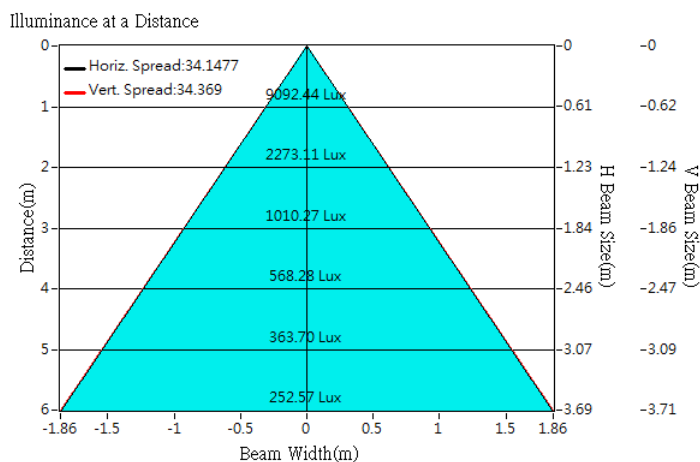
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CMA1840		
LES / LED Size	Φ 14 mm		
FWHM (D50)	34°		
Field Angle (D10)	69°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	4476 lm	Measured @ 38.8 W	
Material	PC / UL94V2		

cd/klm

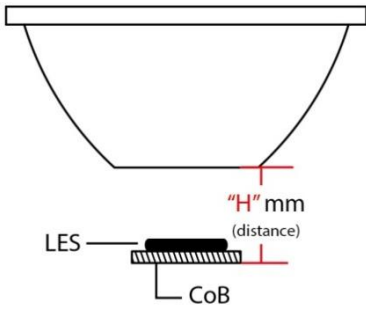


Illuminance At Distances

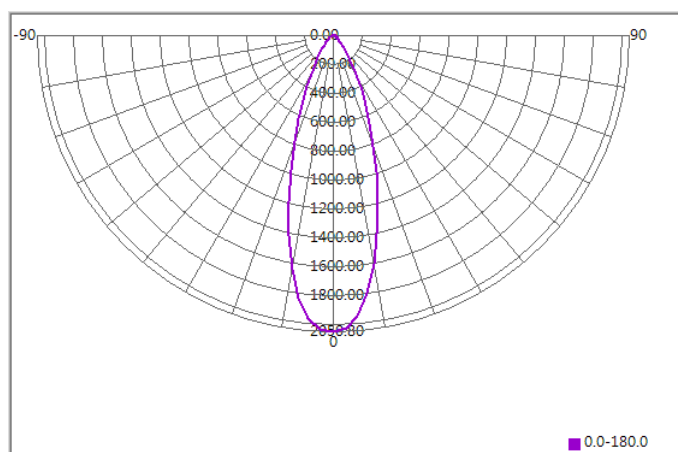




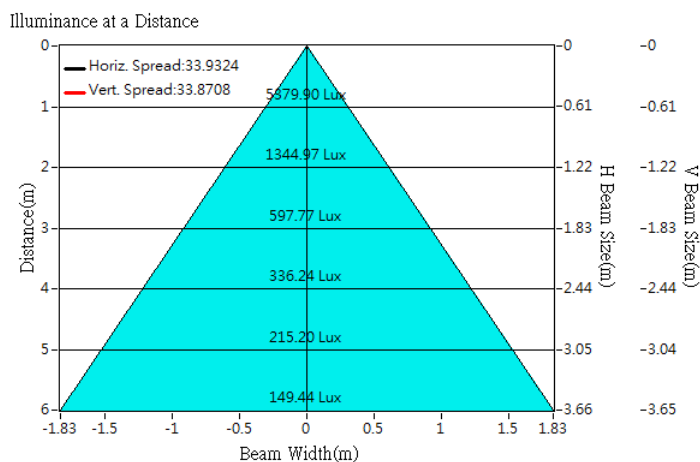
Optical Characteristics

Model Number	CKO-CH15-060027-4304		
LED	CMT1922		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	34°		
Field Angle (D10)	69°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2623 lm	Measured @ 21.2 w	
Material	PC / UL94V2		

cd/klm

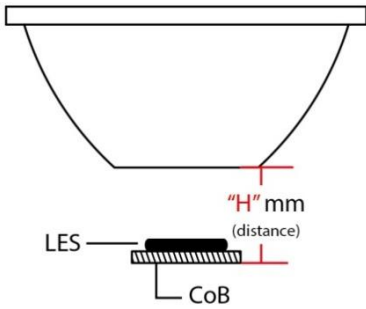


Illuminance At Distances

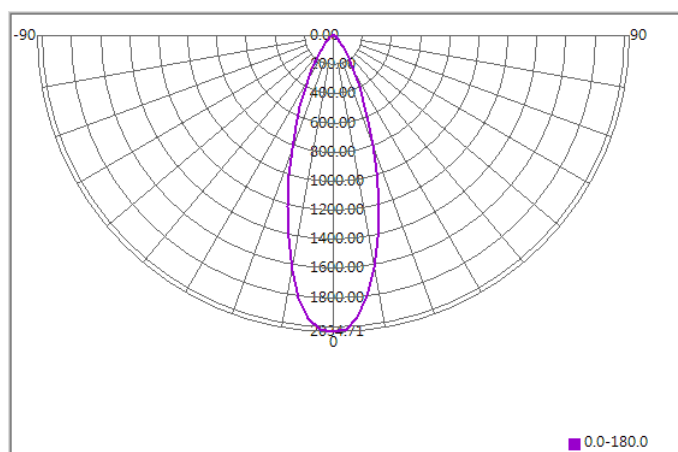




Optical Characteristics

Model Number	CKO-CH15-060027-4304		"H" definition 
LED	CMT1925		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	34°		
Field Angle (D10)	70°		
H (distance)	3.65mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3036 lm	Measured @ 24.4 w	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

