



Product Model Number

CKO-SA15-060027-4207

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

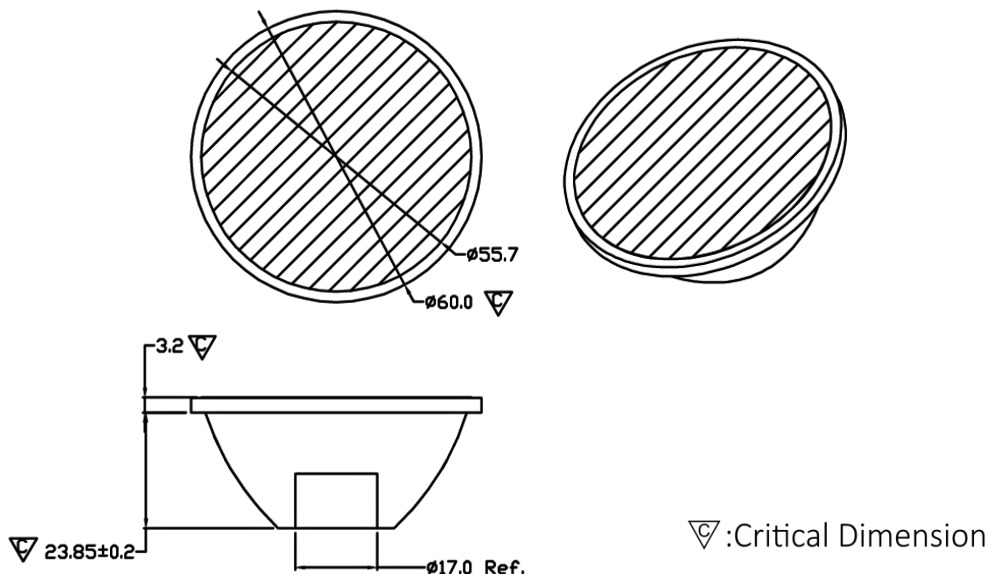


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ60 x 26.85

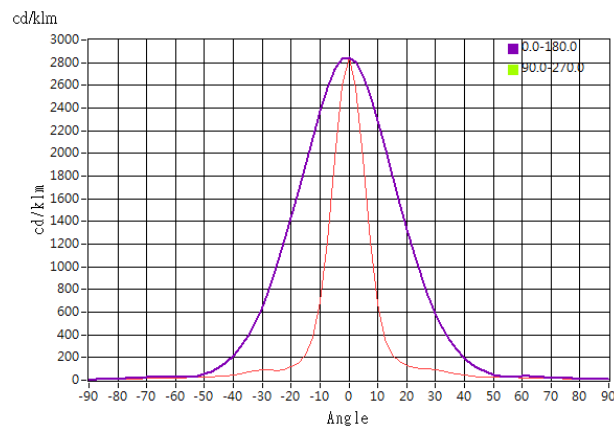




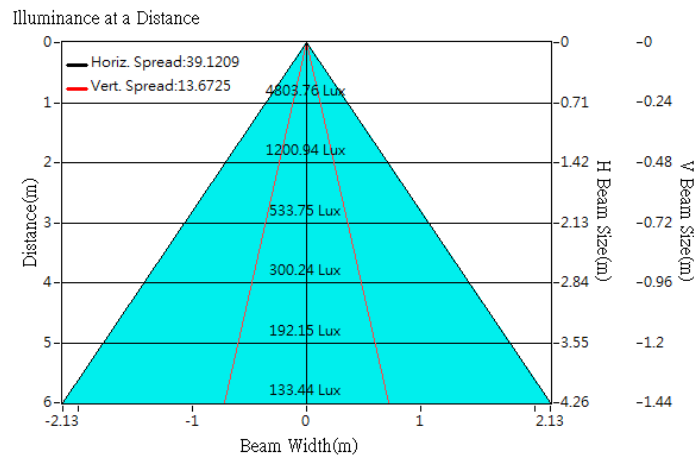
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXA1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	13°x39°		
Field Angle (D10)	28°x75°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1691 lm	Measured @ 13.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

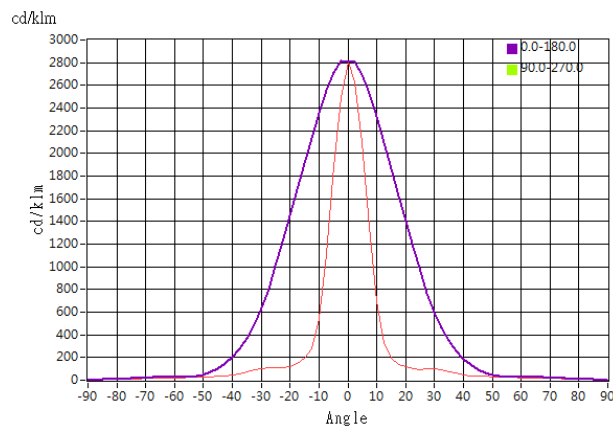




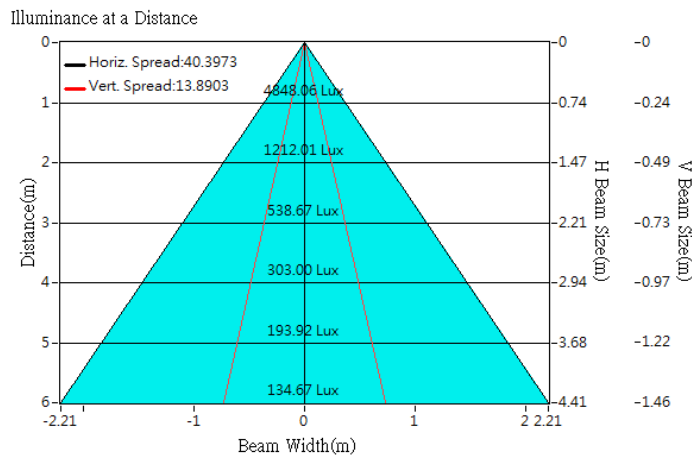
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXB1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	13°x40°		
Field Angle (D10)	26°x74°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1728 lm	Measured @ 12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

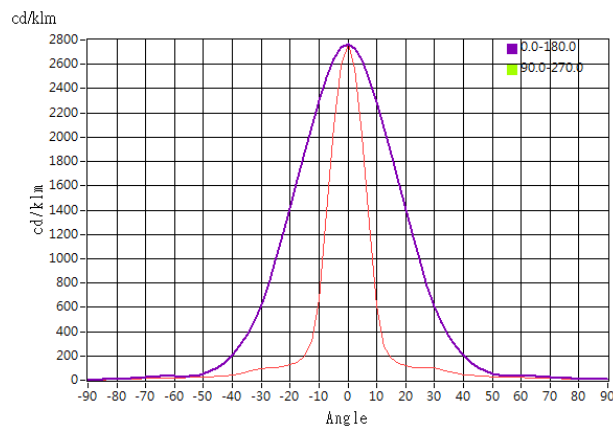




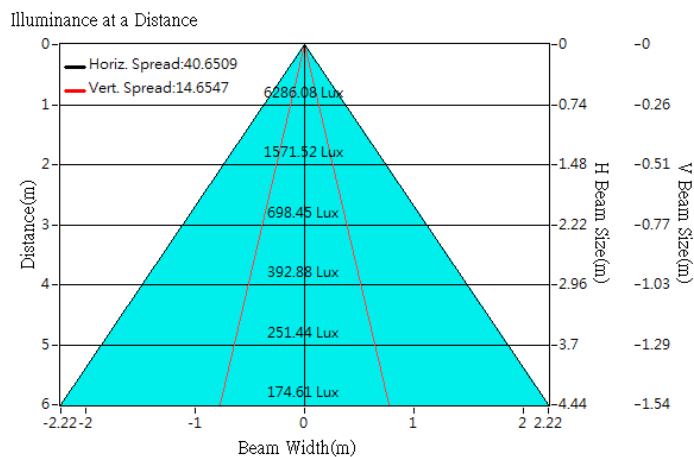
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMA1516		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x41°		
Field Angle (D10)	26°x75°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2274 lm	Measured @ 15.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

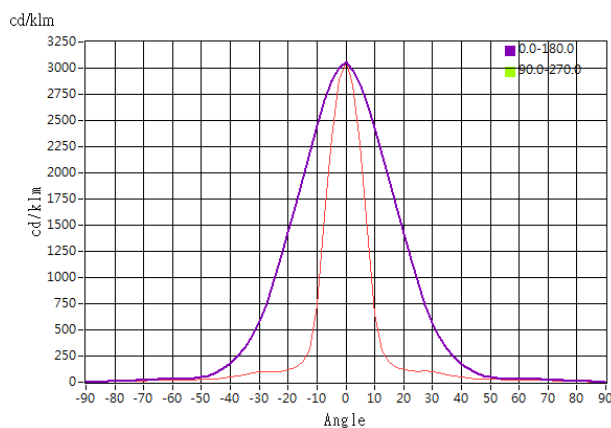




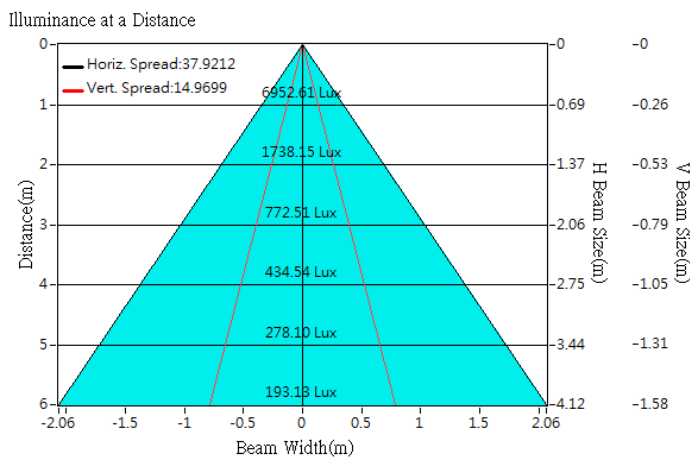
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXB1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	14°x38°		
Field Angle (D10)	25°x71°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2276 lm	Measured @ 16.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

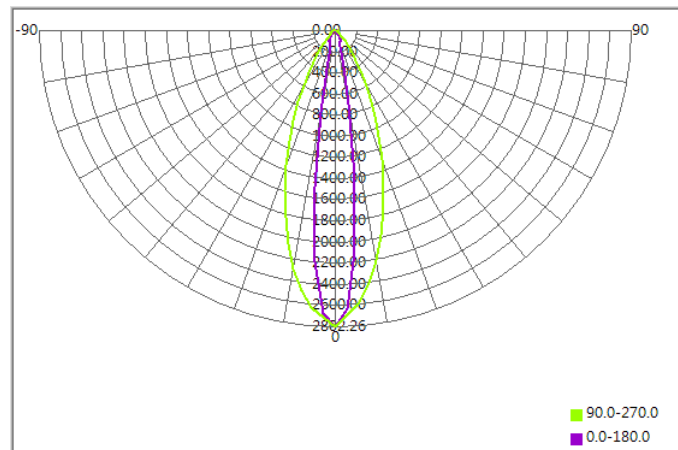




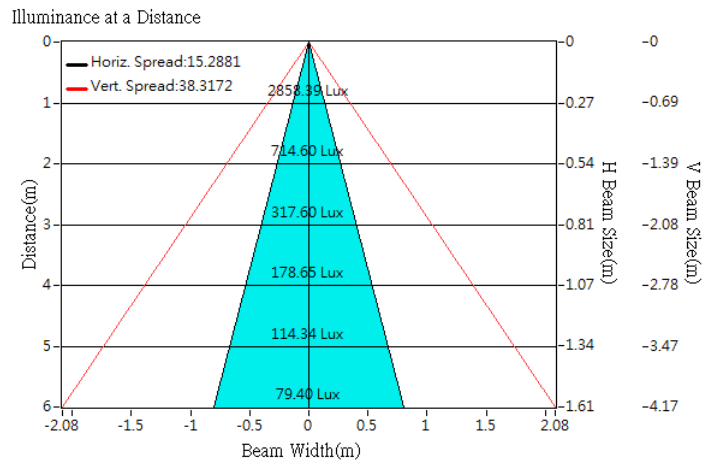
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMT1407		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	15°x38°		
Field Angle (D10)	28°x74°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1020 lm	Measured @ 7.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

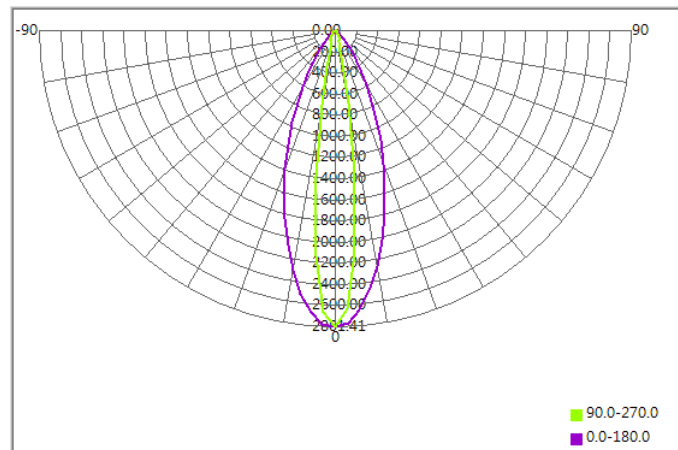




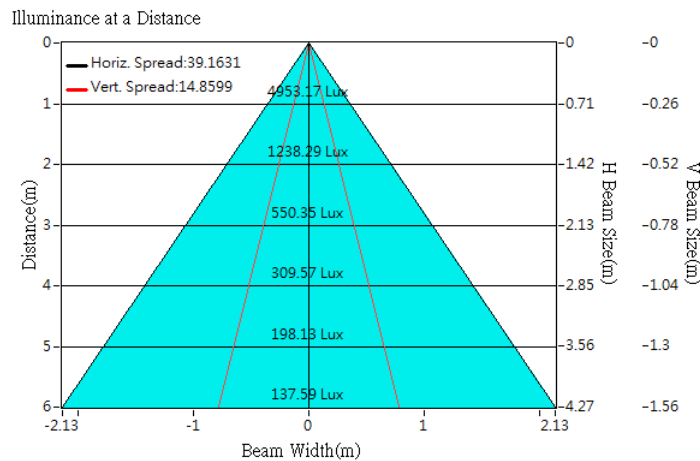
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	14°x39°		
Field Angle (D10)	27°x75°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1768 lm	Measured @ 12.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

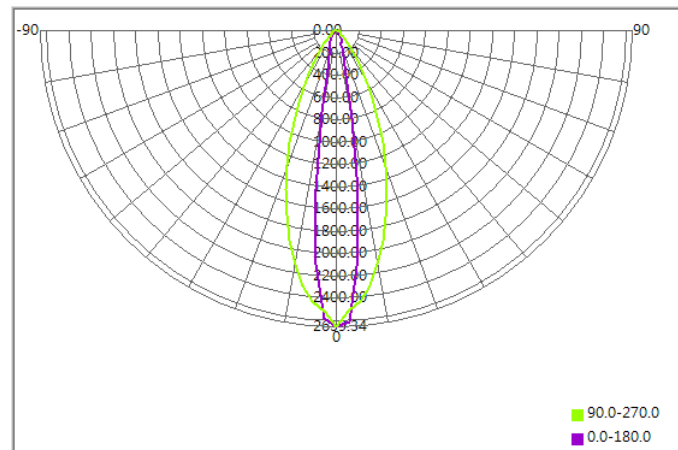




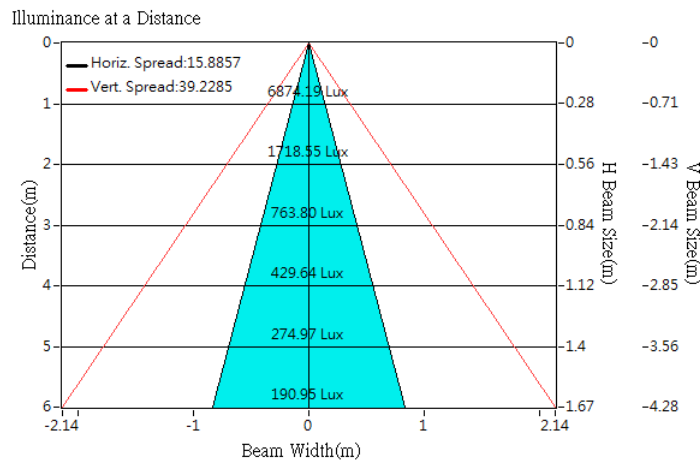
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMT1420		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	15°x39°		
Field Angle (D10)	29°x75°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2584 lm	Measured @ 19.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

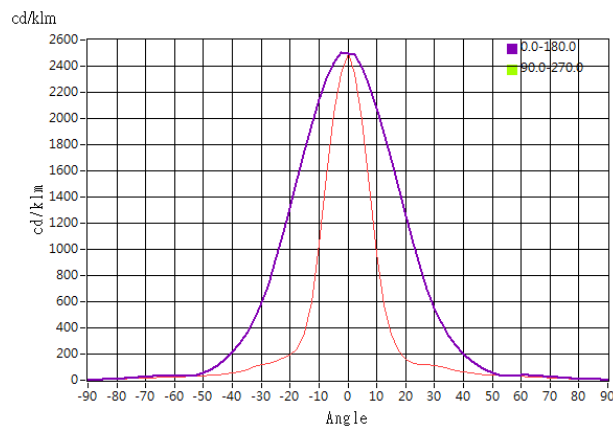




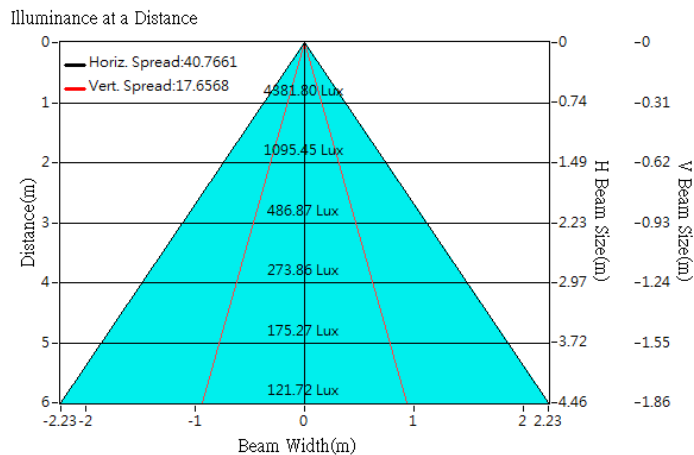
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	17°x41°		
Field Angle (D10)	34°x77°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1758 lm	Measured @ 16.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

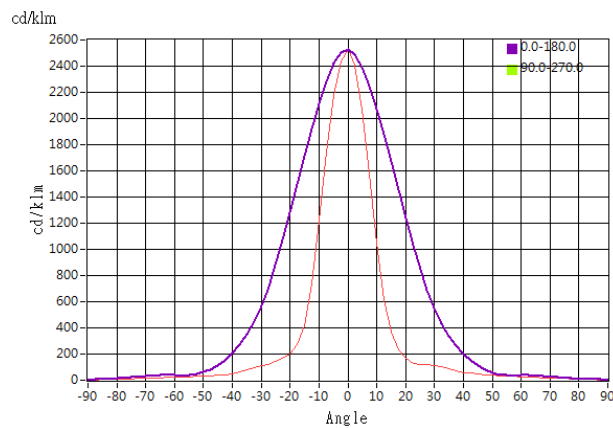




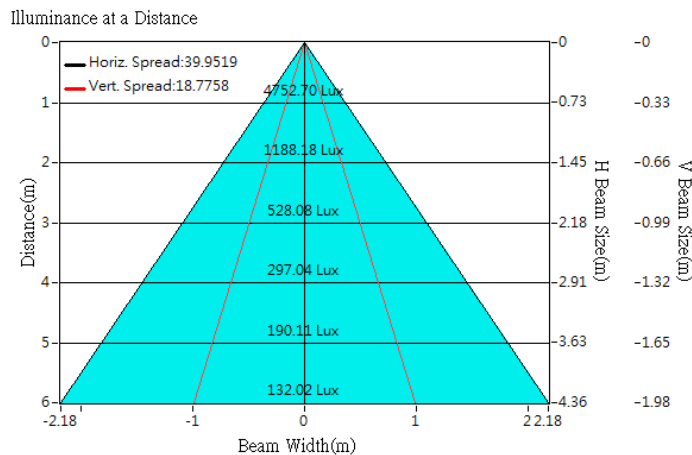
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	18°x40°		
Field Angle (D10)	35°x76°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1881 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

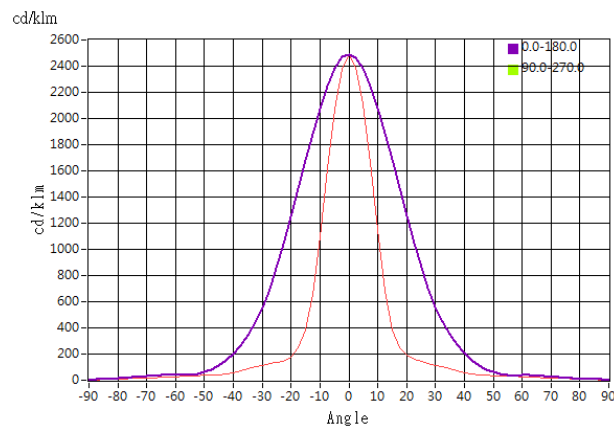




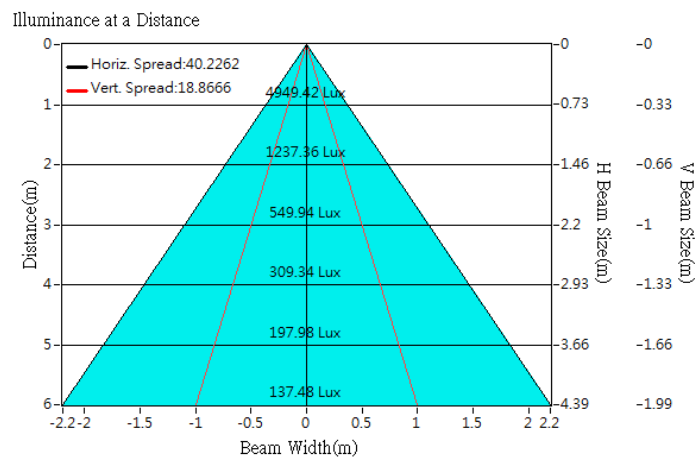
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	18°x40°		
Field Angle (D10)	35°x77°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	1992 lm	Measured @ 19.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

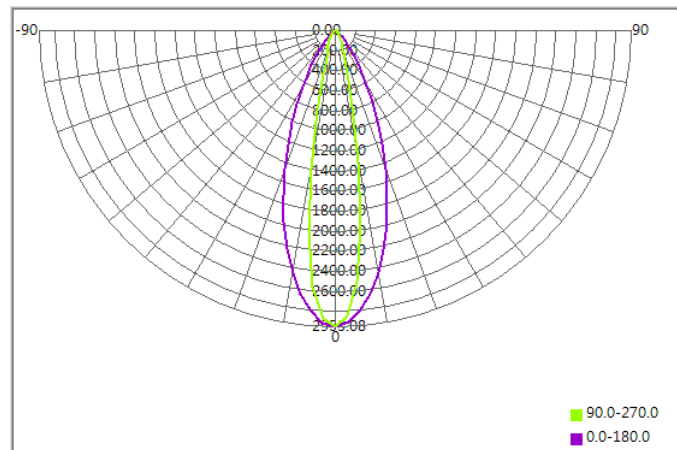




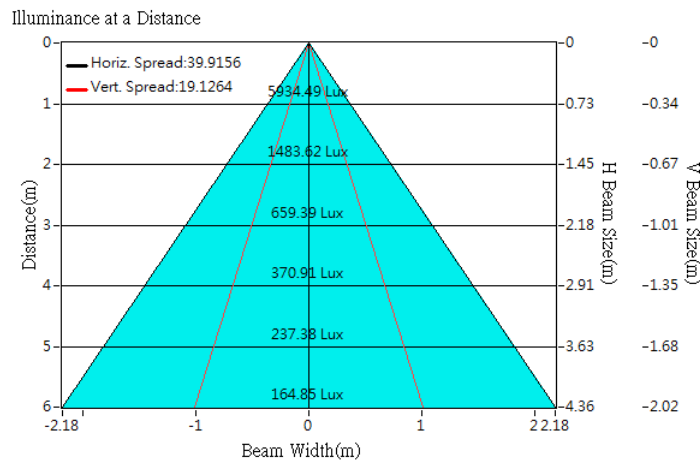
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	19°x40°		
Field Angle (D10)	35°x76°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2009 lm	Measured @ 19.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

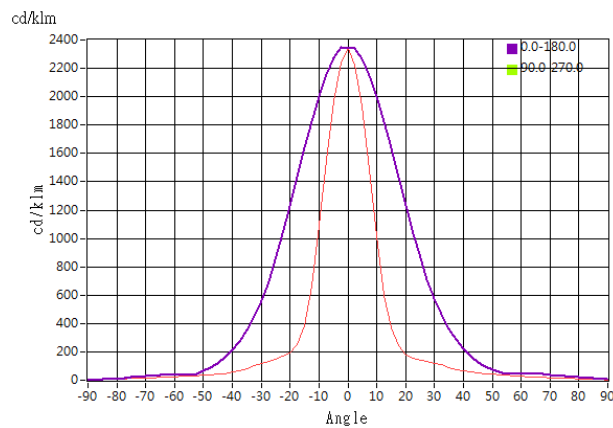




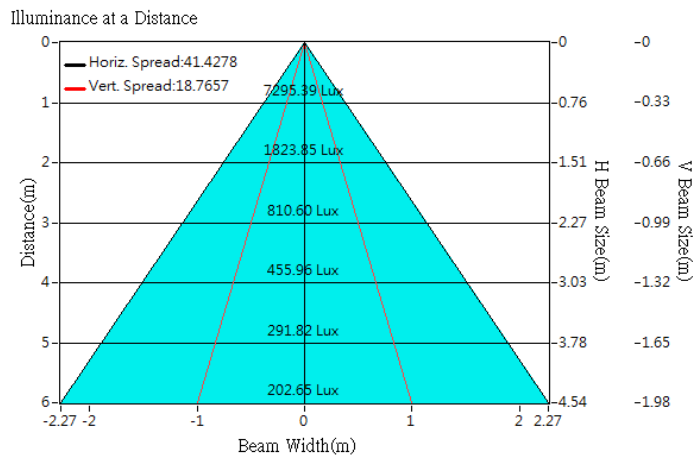
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMA1825		
LES / LED Size	Φ 12 mm		
FWHM (D50)	18°x41°		
Field Angle (D10)	36°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3120 lm	Measured @ 25.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

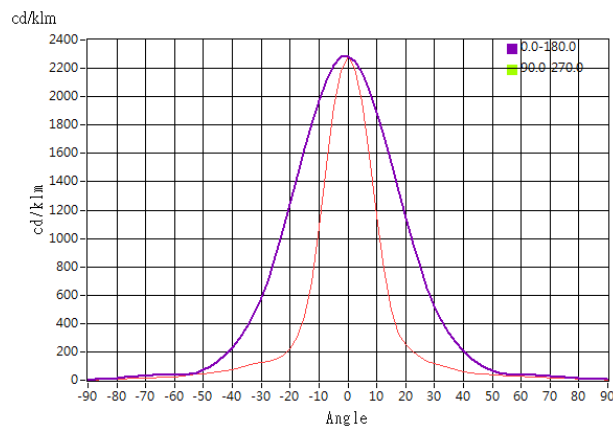




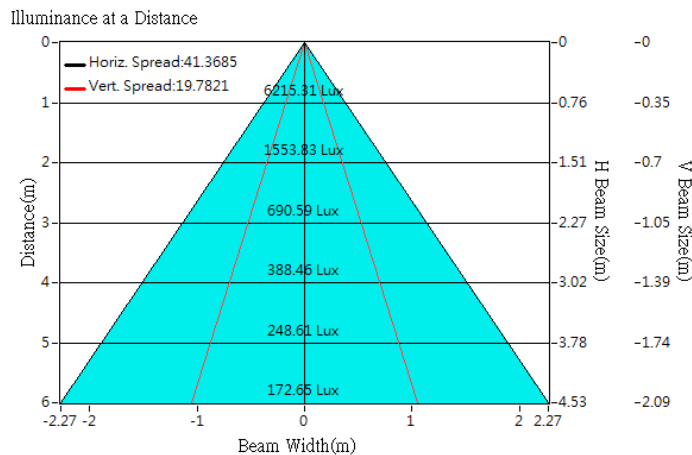
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXA1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	19°x41°		
Field Angle (D10)	41°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2724 lm	Measured @ 29.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

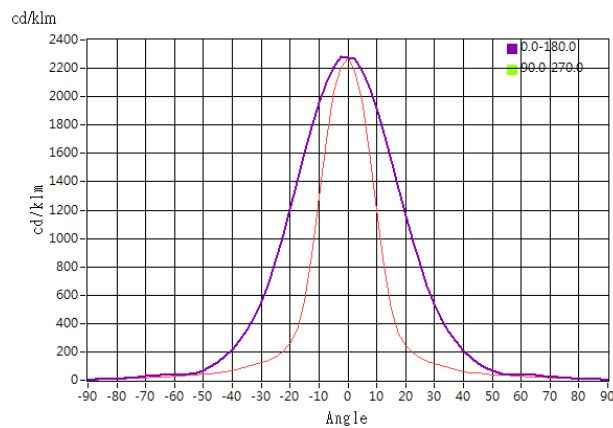




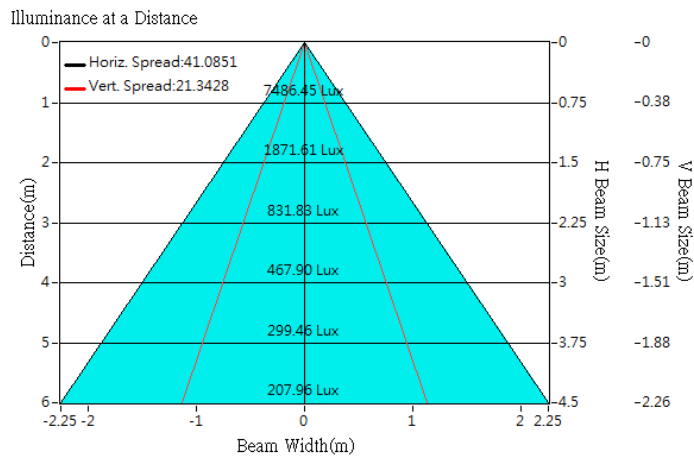
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	21°x41°		
Field Angle (D10)	42°x79°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3290 lm	Measured @ 28.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

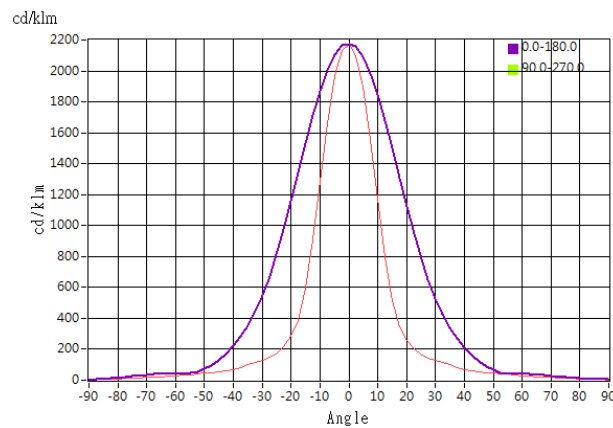




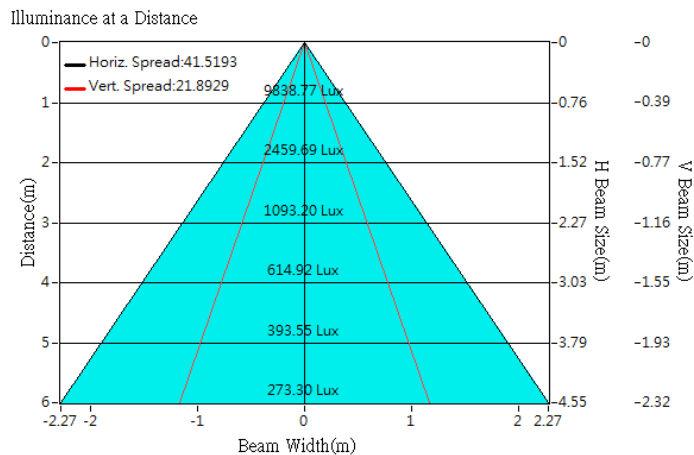
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMA1840		
LES / LED Size	Φ 14 mm		
FWHM (D50)	22°x42°		
Field Angle (D10)	44°x80°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	4531 lm	Measured @ 38.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

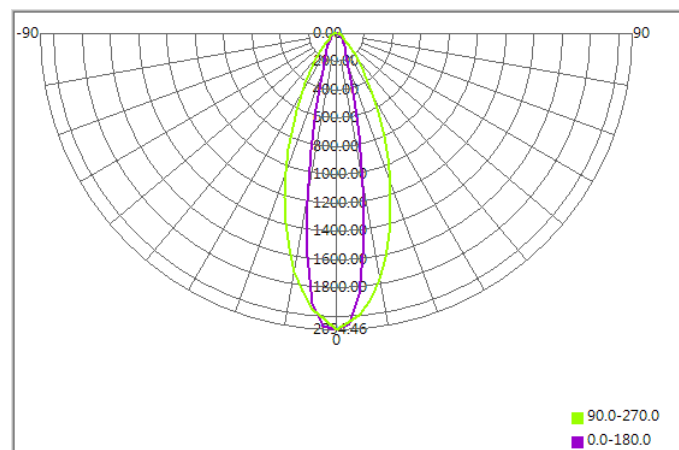




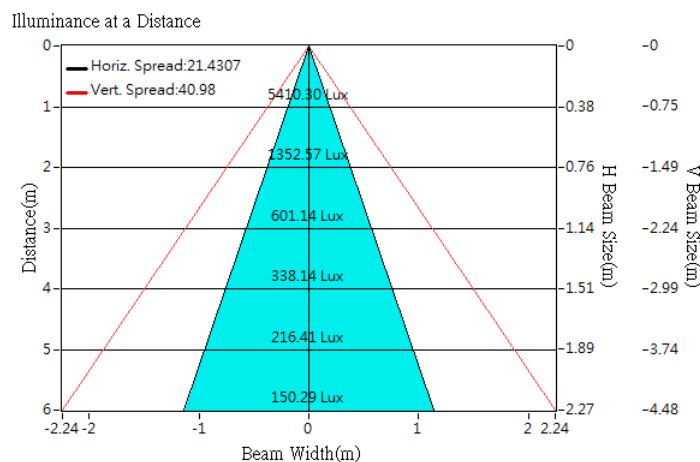
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMT1922		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	21°x41°		
Field Angle (D10)	45°x81°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	2583 lm	Measured @ 21.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

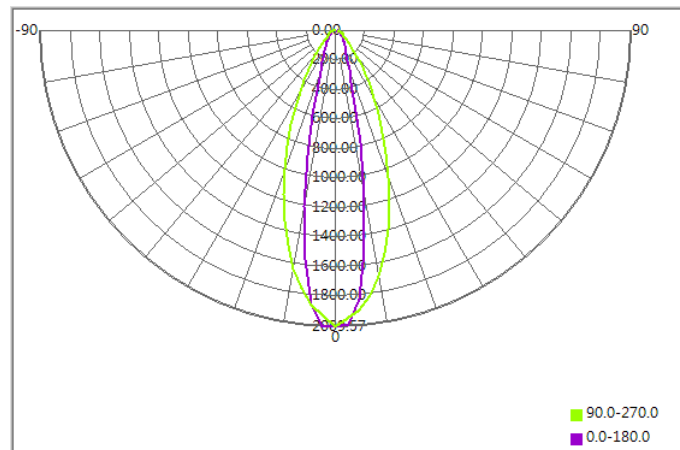




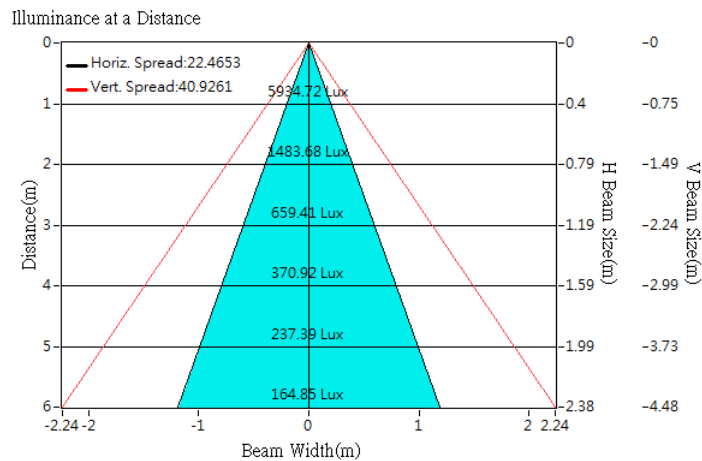
Optical Characteristics

Model Number	CKO-SA15-060027-4207	<p>"H" definition</p>
LED	CMT1925	
LES / LED Size	Φ 14.5 mm	
FWHM (D50)	22°x41°	
Field Angle (D10)	48°x82°	
H (distance)	3.65 mm	
Dimension	Φ =60 mm, Thickness=26.85 mm	
Luminous Flux	2957 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

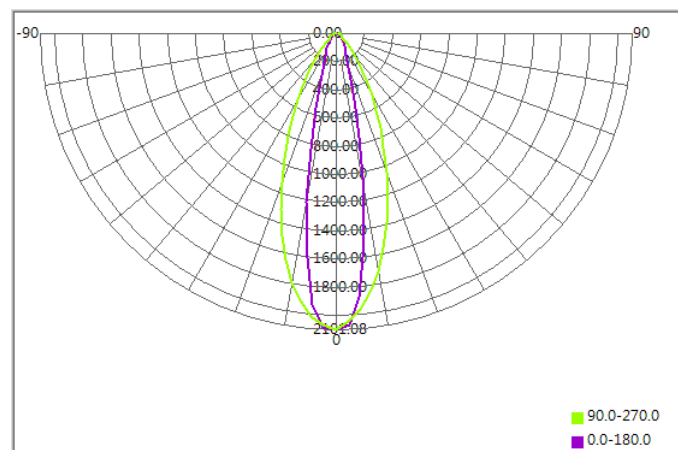




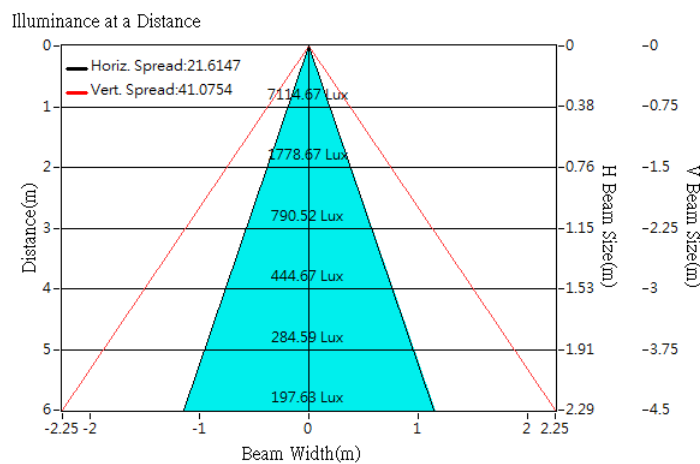
Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p>
LED	CMT1930		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	22°x41°		
Field Angle (D10)	45°x81°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	3386 lm	Measured @ 29.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

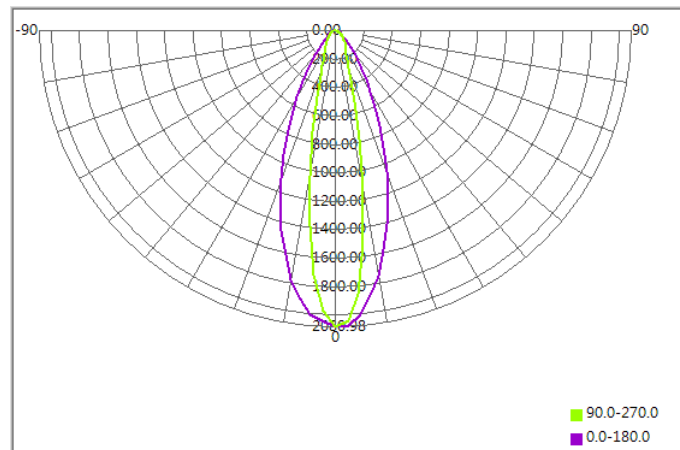




Optical Characteristics

Model Number	CKO-SA15-060027-4207		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1945		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	21°x41°		
Field Angle (D10)	46°x80°		
H (distance)	3.65 mm		
Dimension	Φ =60 mm, Thickness=26.85 mm		
Luminous Flux	4685 lm	Measured @ 43.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

