

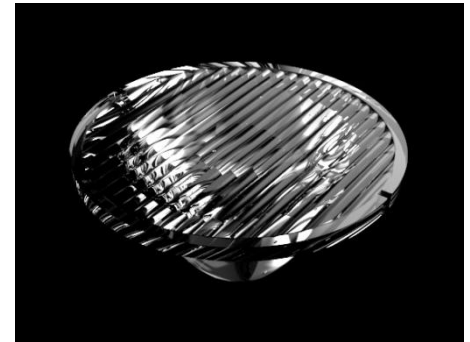


Product Model Number

CKO-SA15-075033-4009

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

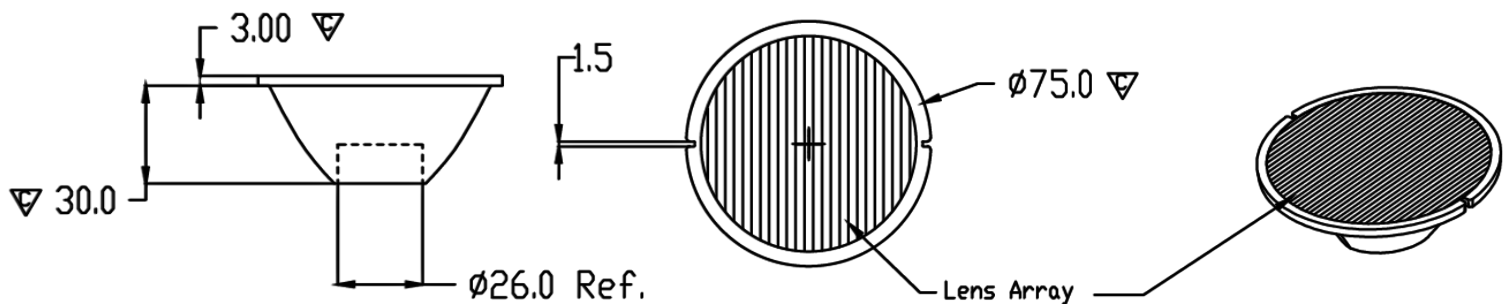


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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) : Φ75 x 33



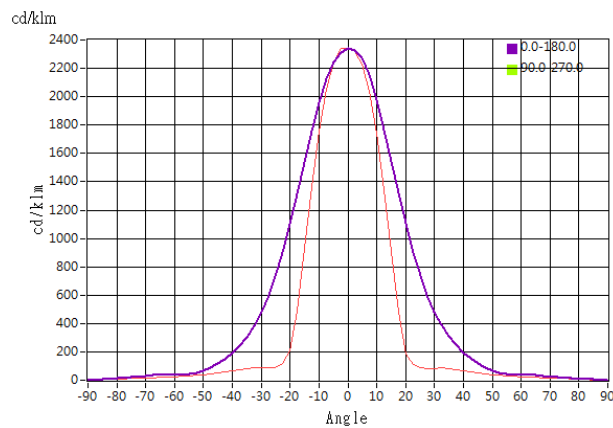
▽:Critical Dimension



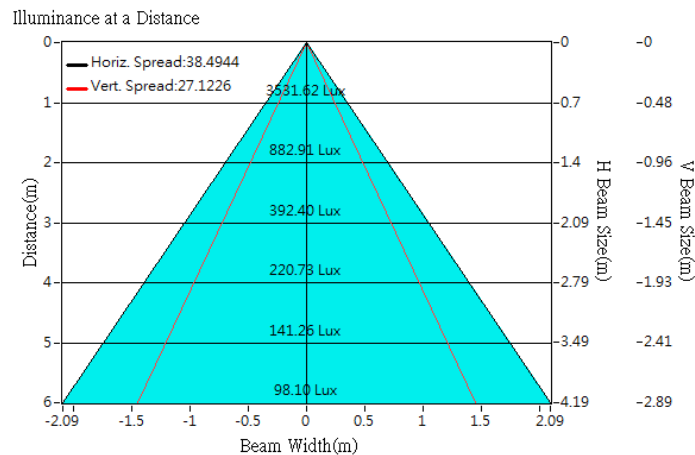
Optical Characteristics

Model Number	CKO-SA15-075033-4009	<p>"H" definition</p>
LED	CXA1816	
LES / LED Size	Φ 12 mm	
FWHM (D50)	27°x38°	
Field Angle (D10)	39°x76°	
H (distance)	3.65 mm	
Dimension	Φ =75 mm, Thickness=33 mm	
Luminous Flux	1510 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

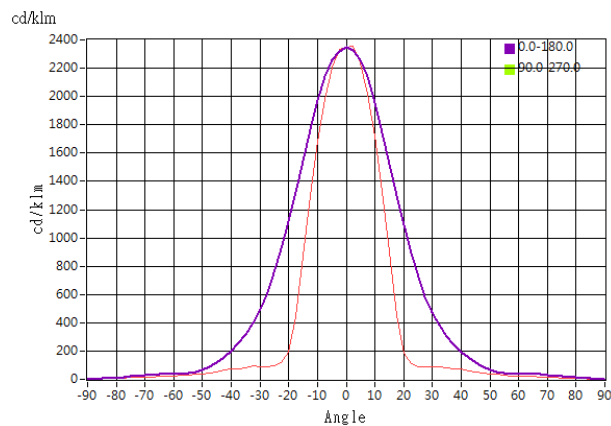




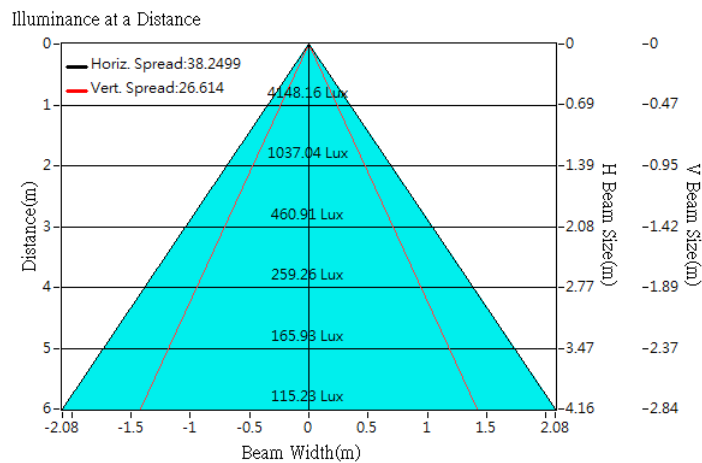
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CXB 1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	27°x38°		
Field Angle (D10)	39°x76°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1764 lm	Measured @ 15.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

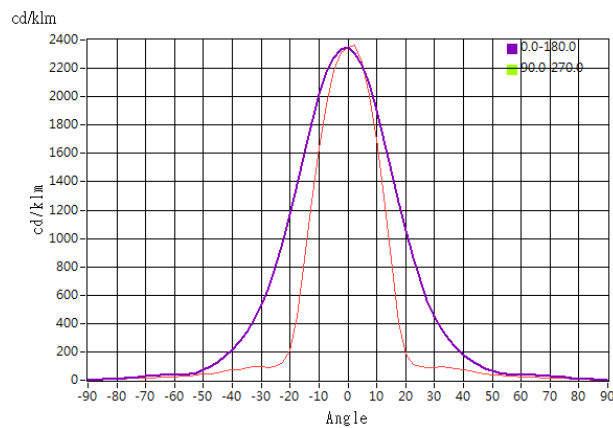




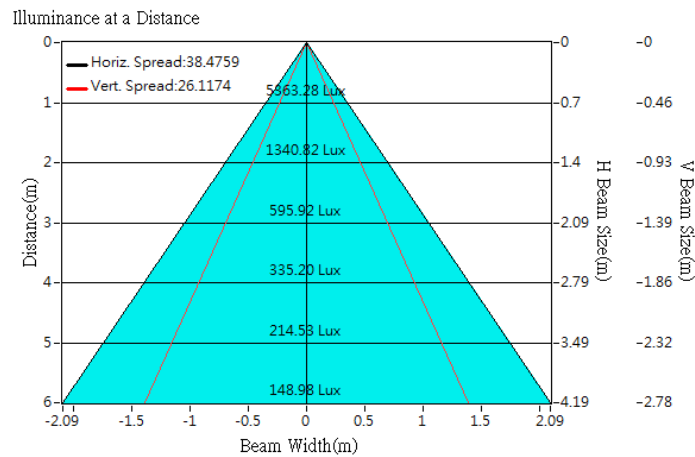
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	26°x38°		
Field Angle (D10)	39°x76°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2285 lm	Measured @ 19.8 W	
Material	PC / UL94V2		

cd/klm

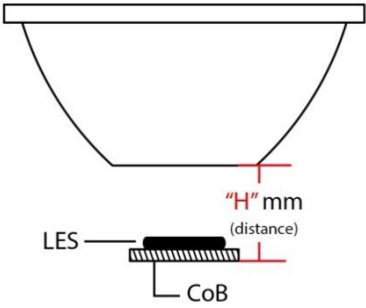


Illuminance At Distances

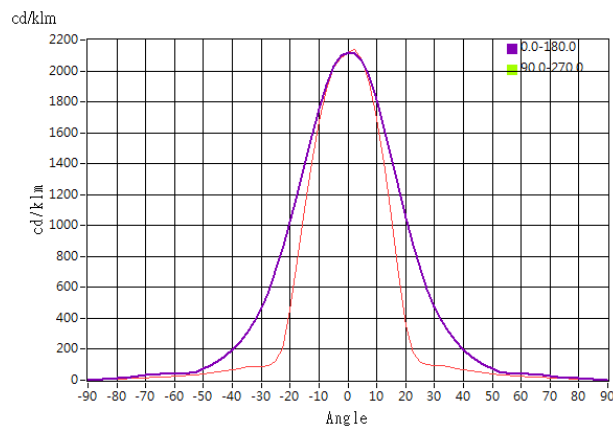




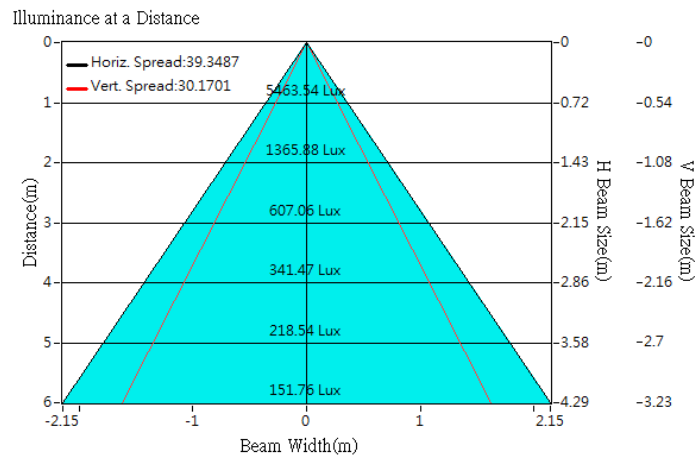
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p> 
LED	CXA1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	30°x39°		
Field Angle (D10)	44°x79°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2579 lm	Measured @ 29.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

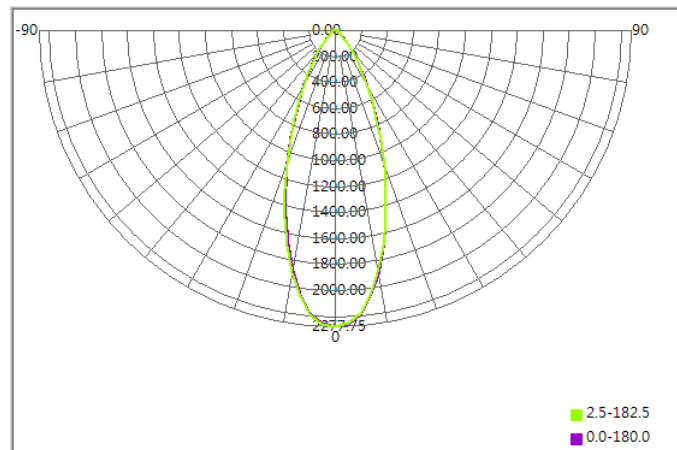




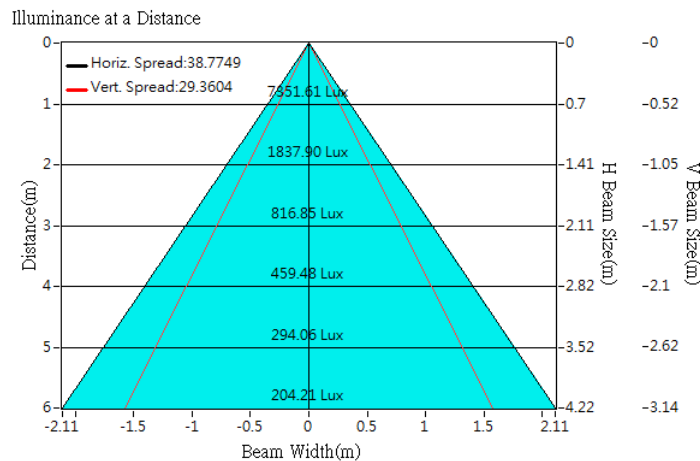
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p> <p>LES CoB "H" mm (distance)</p>
LED	CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	29°x39°		
Field Angle (D10)	43°x77°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3227 lm	Measured @ 27.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

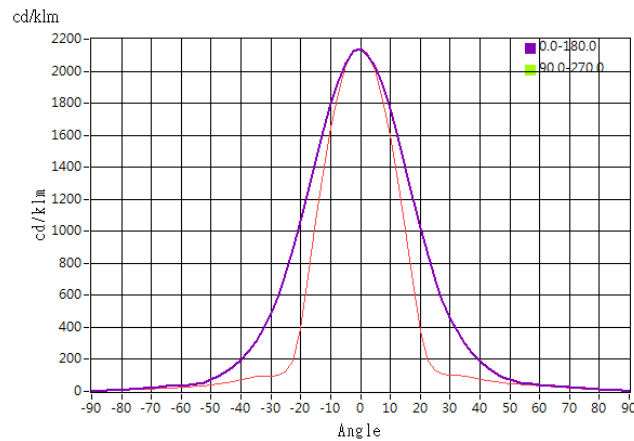




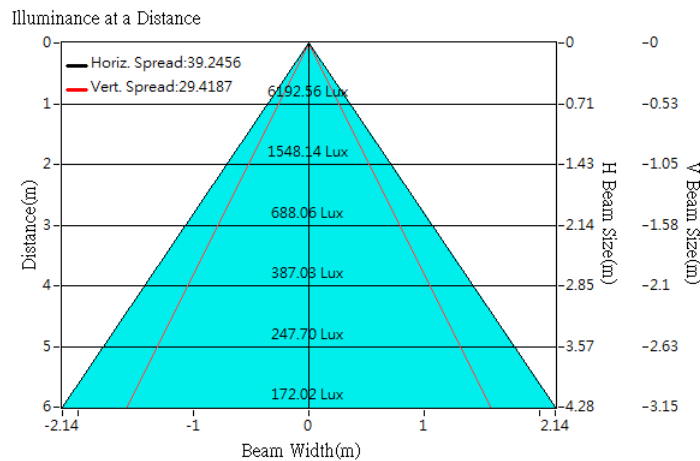
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CMT1925		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	29°x39°		
Field Angle (D10)	44°x78°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2896 lm	Measured @ 25.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

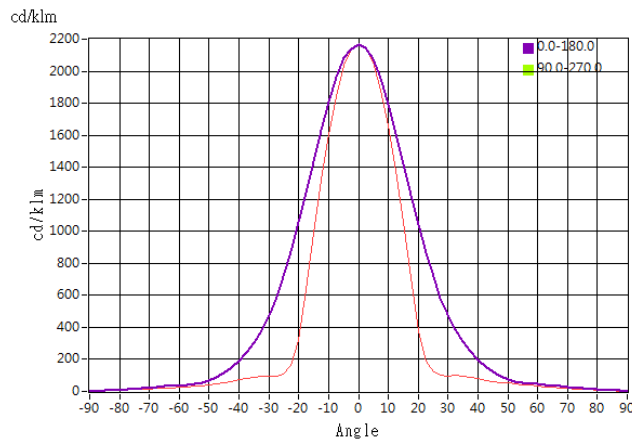




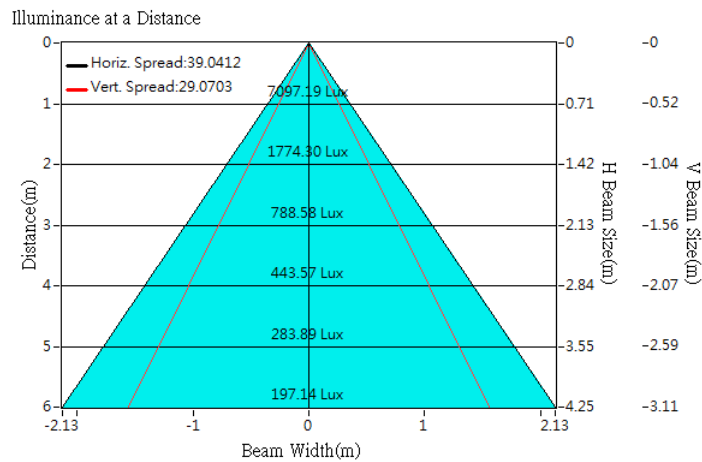
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CMT1930		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	29°x39°		
Field Angle (D10)	44°x78°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3273 lm	Measured @ 29.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

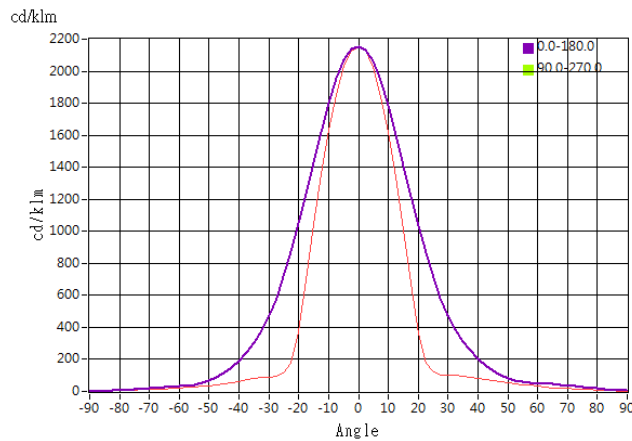




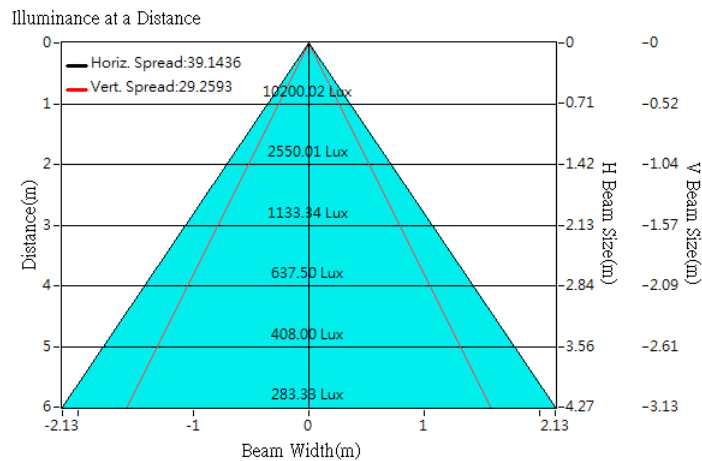
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CMT1945		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	29°x39°		
Field Angle (D10)	44°x78°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4745 lm	Measured @ 43.7 W	
Material	PC / UL94V2		

cd/klm

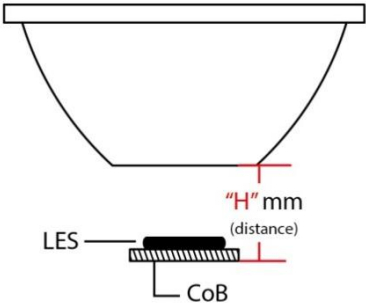


Illuminance At Distances

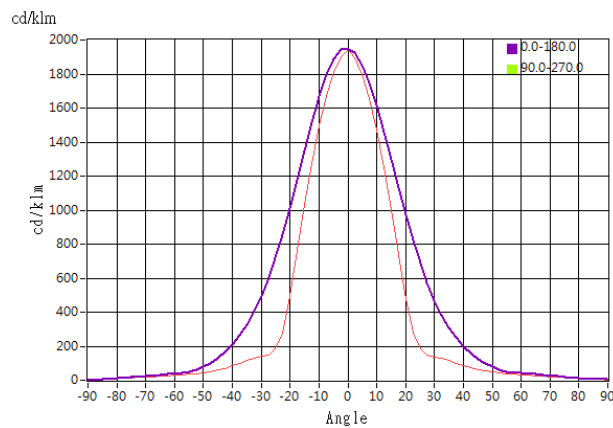




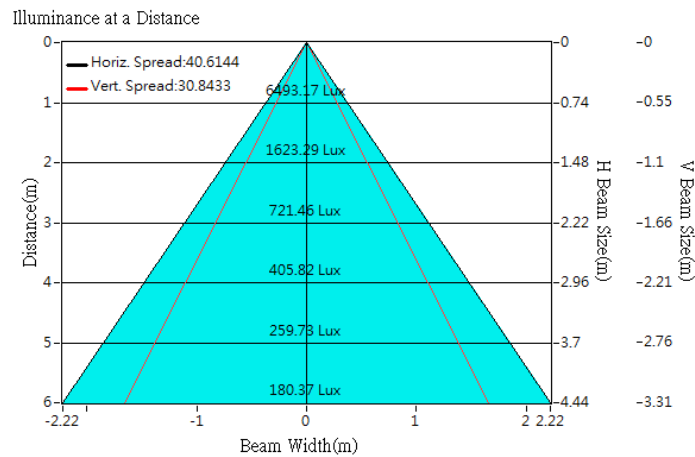
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p> 
LED	CXA2540		
LES / LED Size	Φ 19 mm		
FWHM (D50)	31°x41°		
Field Angle (D10)	50°x81°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3334 lm	Measured @ 40.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

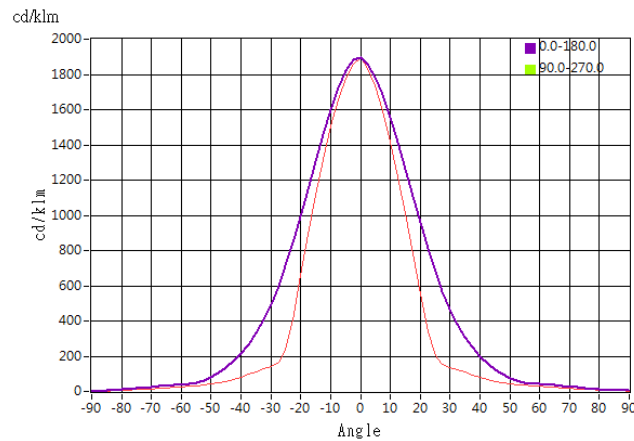




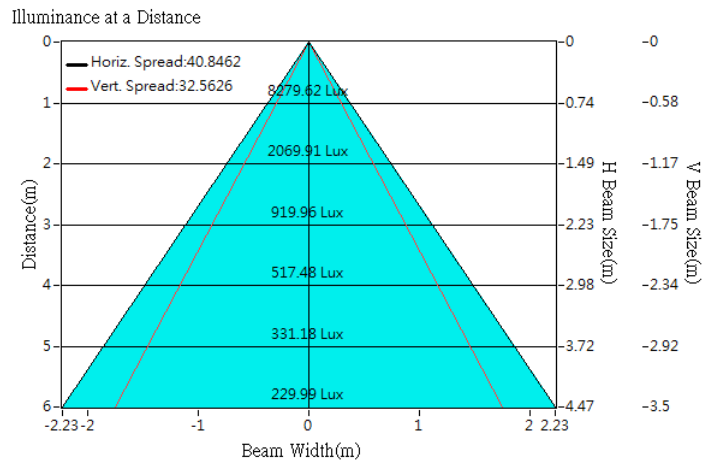
Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CXB2540		
LES / LED Size	Φ 19 mm		
FWHM (D50)	33°x41°		
Field Angle (D10)	52°x82°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4368 lm	Measured @ 38.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

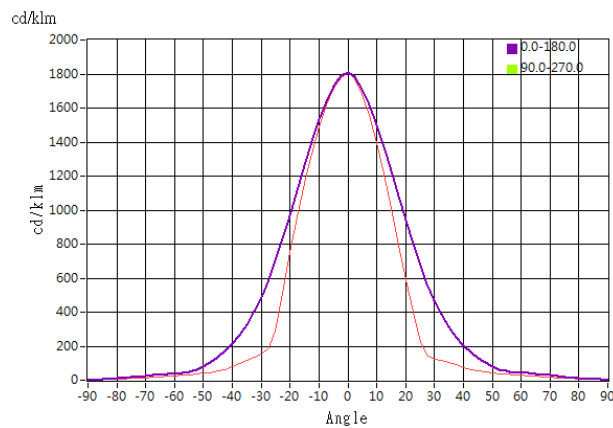




Optical Characteristics

Model Number	CKO-SA15-075033-4009		<p>"H" definition</p>
LED	CMA2550		
LES / LED Size	Φ 19 mm		
FWHM (D50)	34°x42°		
Field Angle (D10)	55°x83°		
H (distance)	3.65 mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	5118 lm	Measured @ 42.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

