

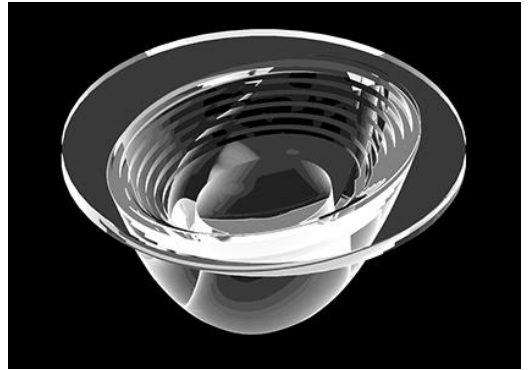


Product Model Number

CKO-CH15-075033-4470

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

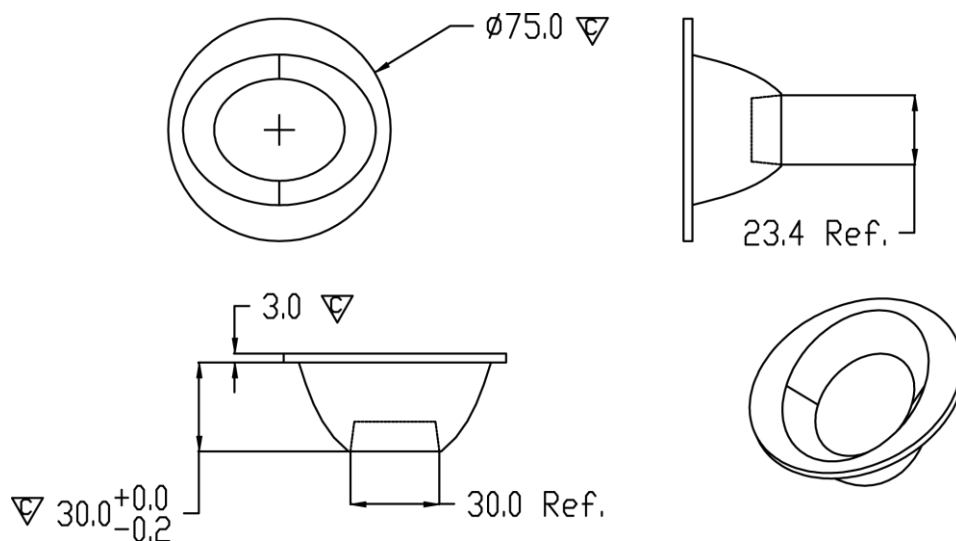


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ75 x 33



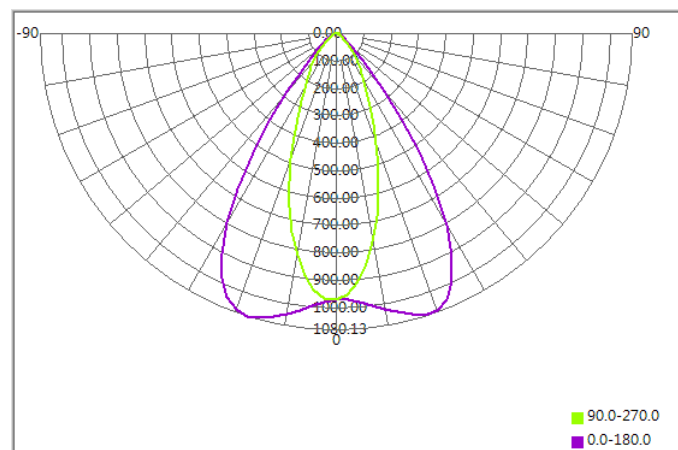
▽:Critical Dimension



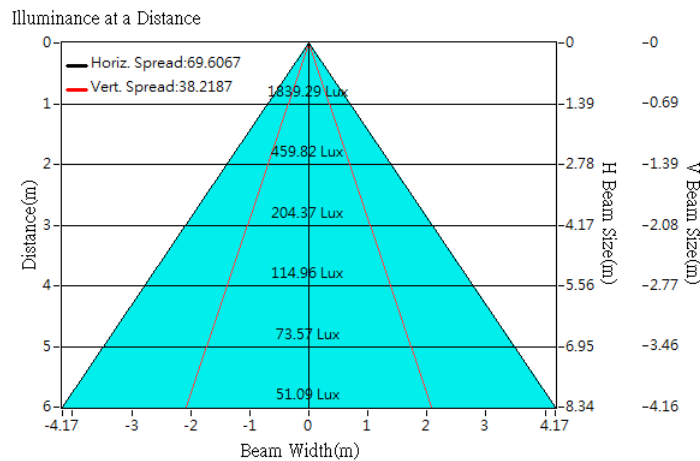
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CXA1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	38°x70°		
Field Angle (D10)	85°x94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1893 lm	Measured @ 16.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

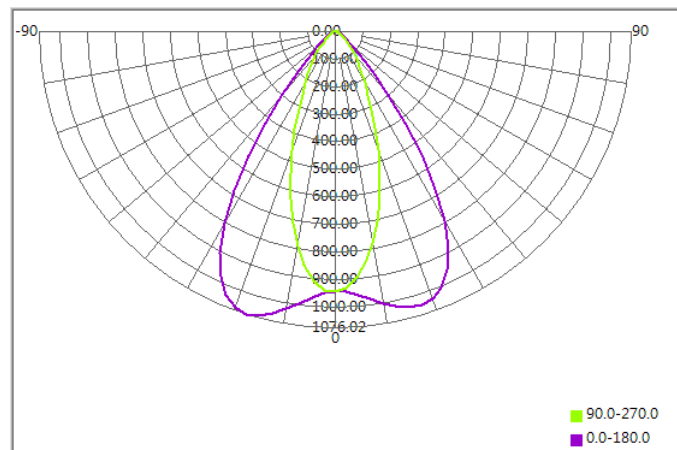




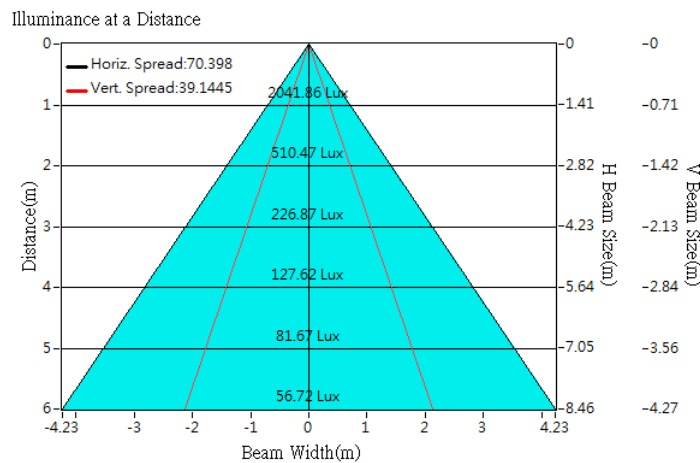
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CXB1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	39°x70°		
Field Angle (D10)	85°x96°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2157 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

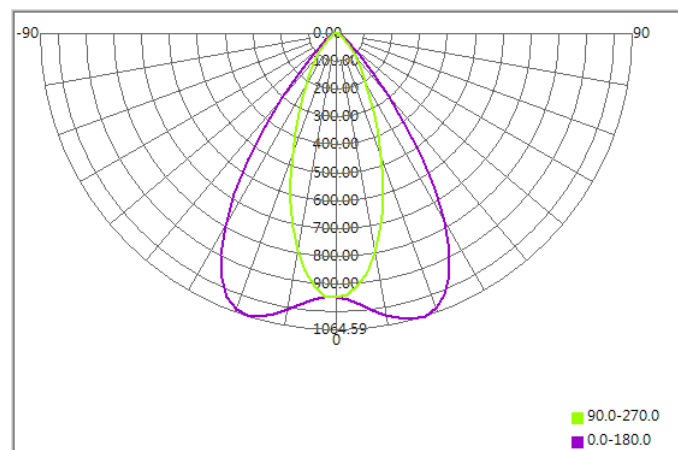




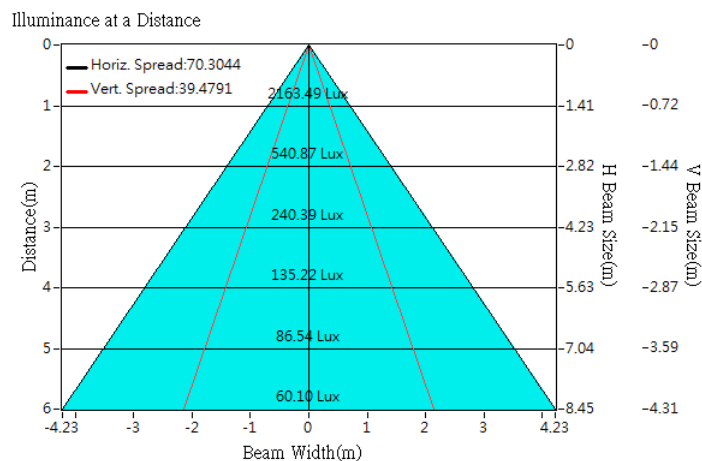
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	39°x70°		
Field Angle (D10)	85°x96°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2278 lm	Measured @ 19.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

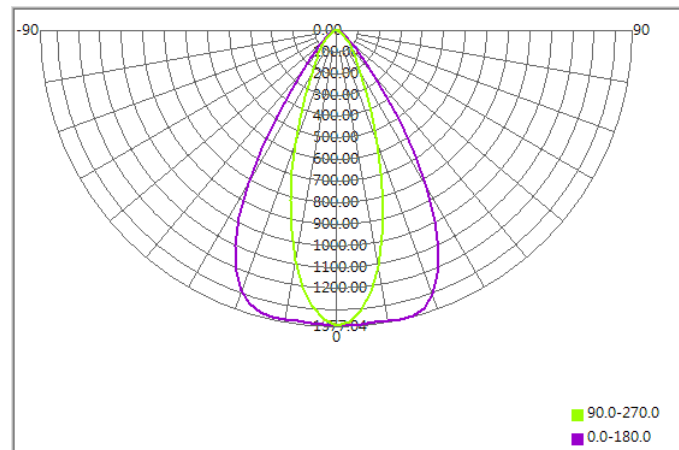




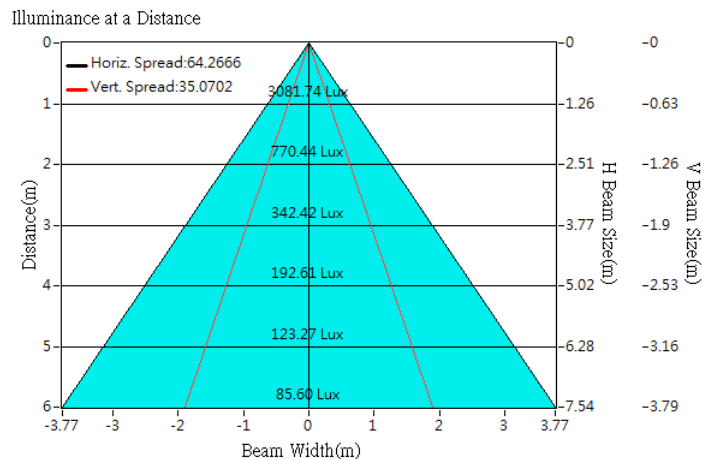
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	35°x64°		
Field Angle (D10)	74°x91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2248 lm	Measured @ 24 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

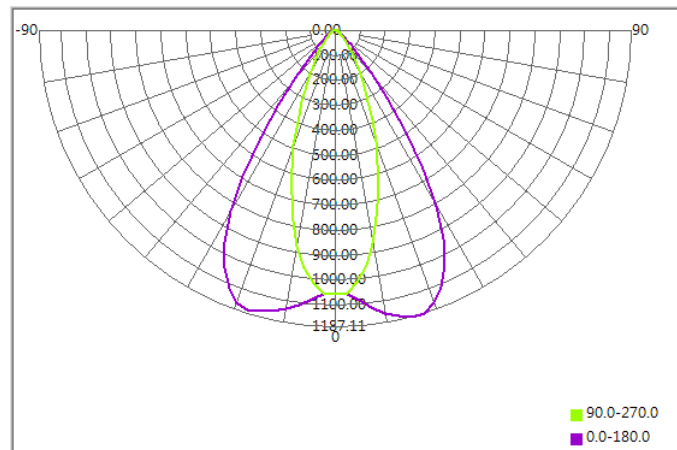




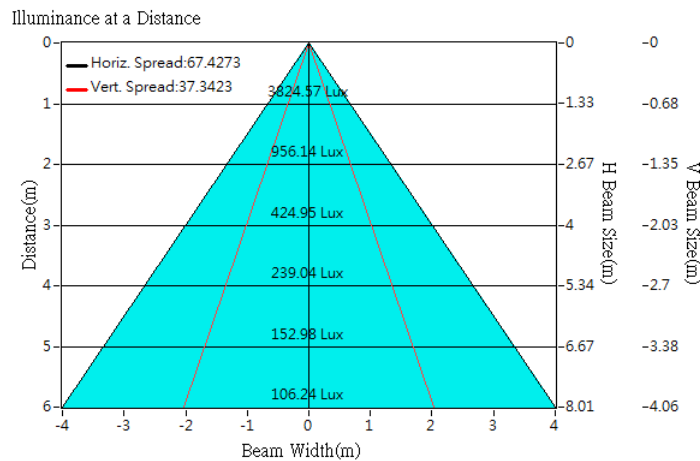
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CMA1825		
LES / LED Size	Φ 12 mm		
FWHM (D50)	37°x67°		
Field Angle (D10)	76°x89°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3616 lm	Measured @ 24 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

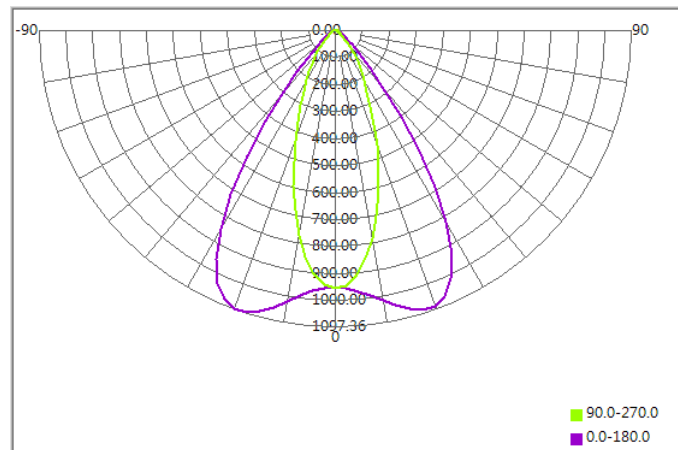




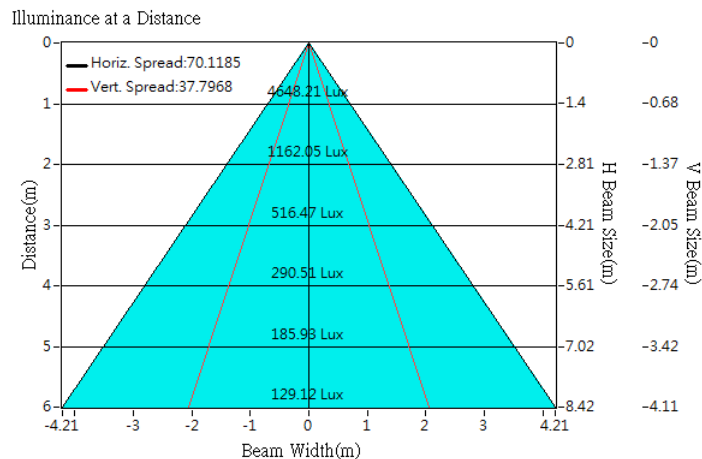
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA1850		
LES / LED Size	Φ 12 mm		
FWHM (D50)	38°x70°		
Field Angle (D10)	82°x94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	4872 lm	Measured @ 48 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

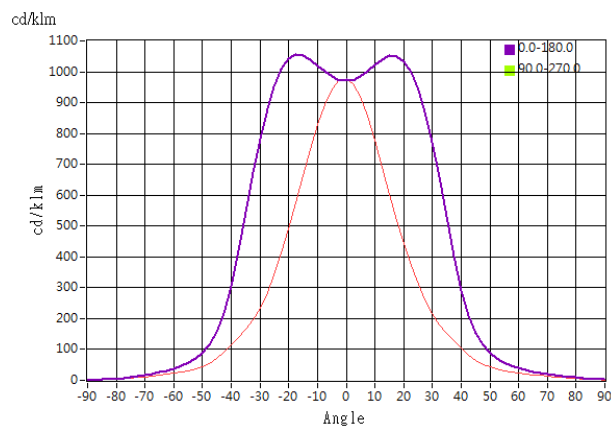




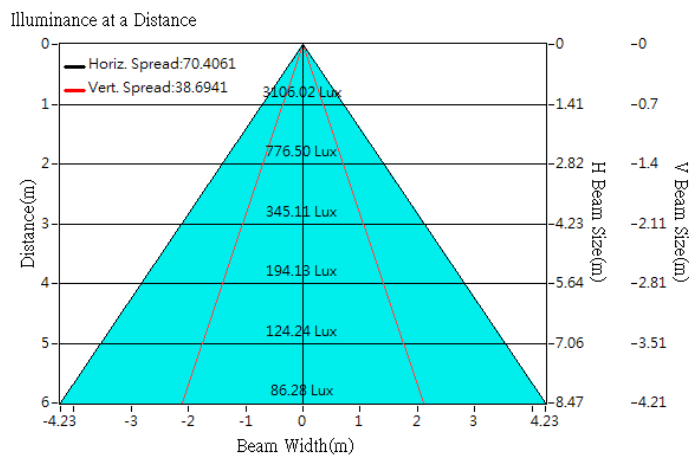
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CXA1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	39°x70°		
Field Angle (D10)	83°x97°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3189 lm	Measured @ 29.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

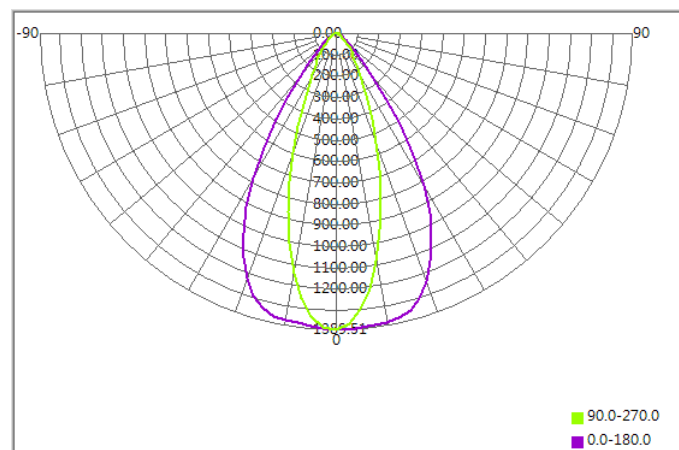




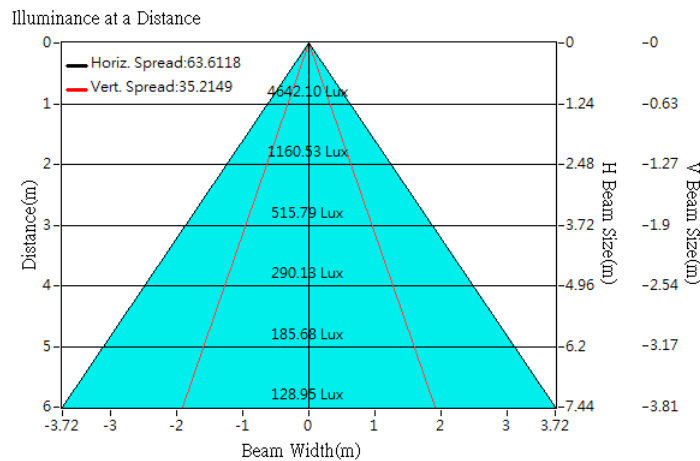
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	35°x64°		
Field Angle (D10)	74°x91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3340 lm	Measured @ 27.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

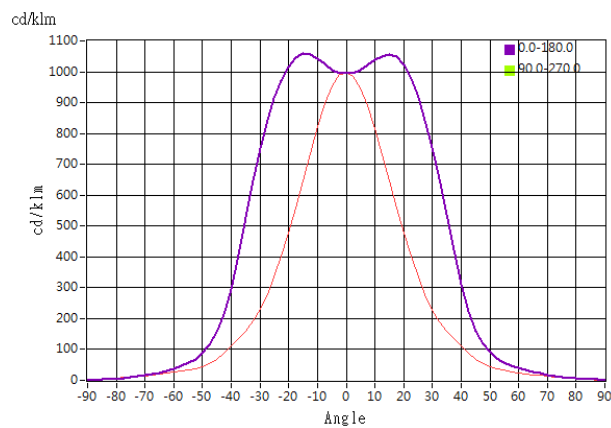




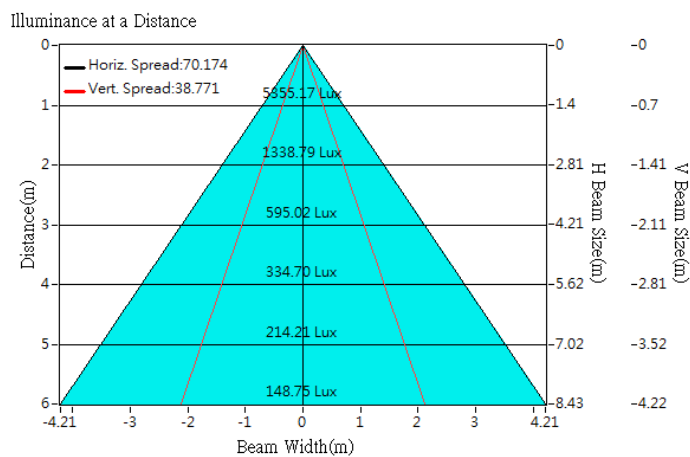
Optical Characteristics

Model Number	CKO-CH15-075033-4470	<p>"H" definition</p>
LED	CMA1840	
LES / LED Size	Φ 14 mm	
FWHM (D50)	39°x70°	
Field Angle (D10)	83°x97°	
H (distance)	3.65mm	
Dimension	Φ =75 mm, Thickness=33 mm	
Luminous Flux	5382 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

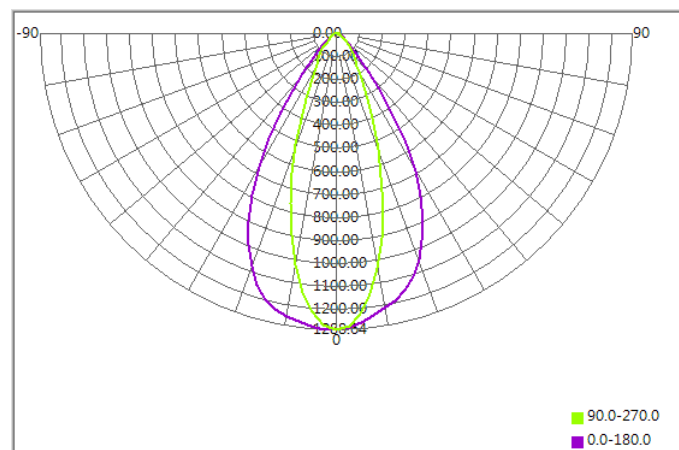




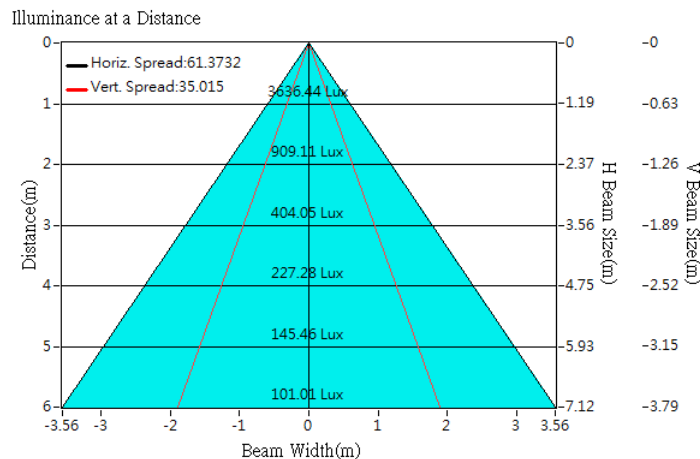
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1922		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	35°x61°		
Field Angle (D10)	73°x89°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2822 lm	Measured @ 22 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

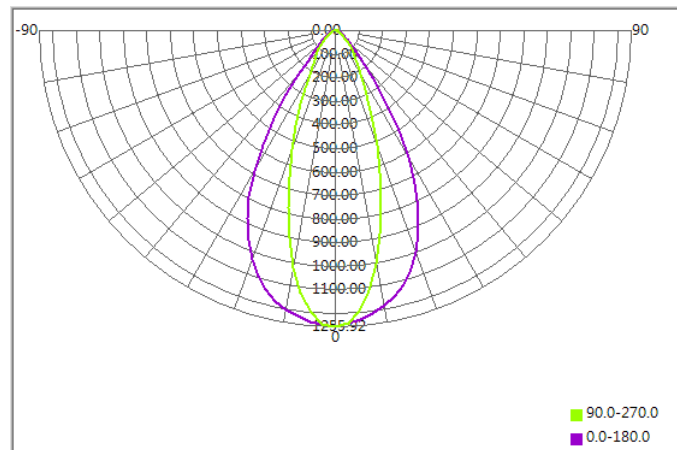




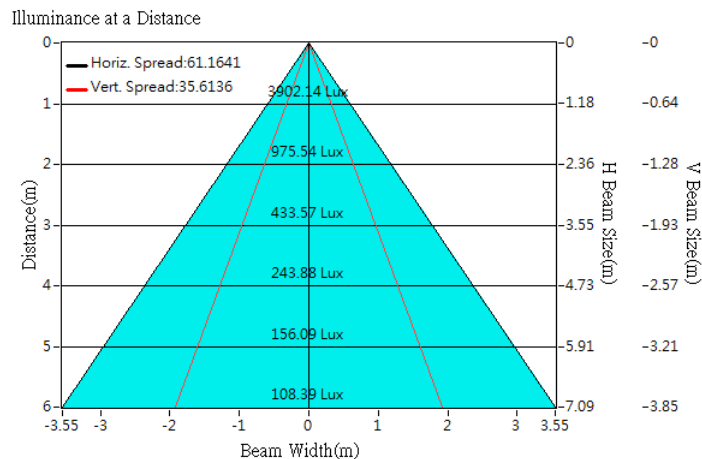
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CMT1925		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	36°x61°		
Field Angle (D10)	76°x90°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3107 lm	Measured @ 25 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

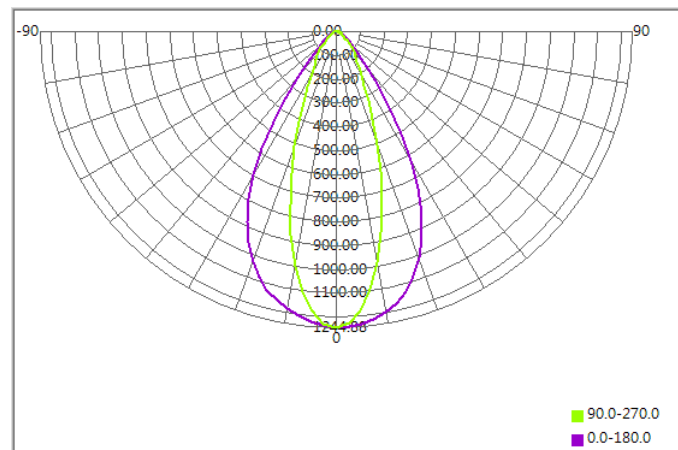




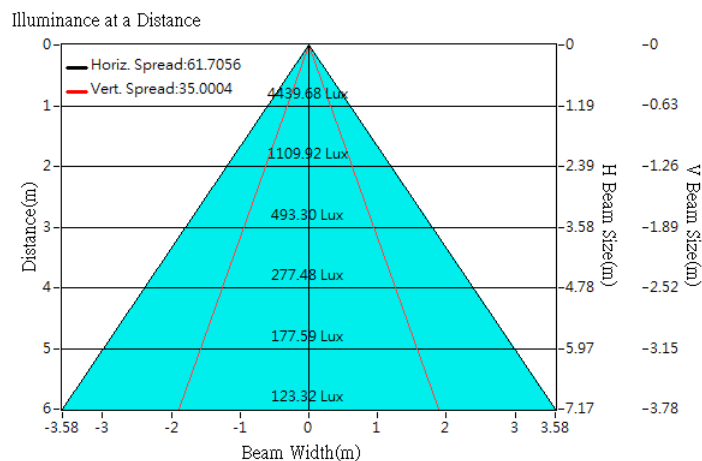
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CMT1930		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	35°x62°		
Field Angle (D10)	78°x91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3566 lm	Measured @ 29 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

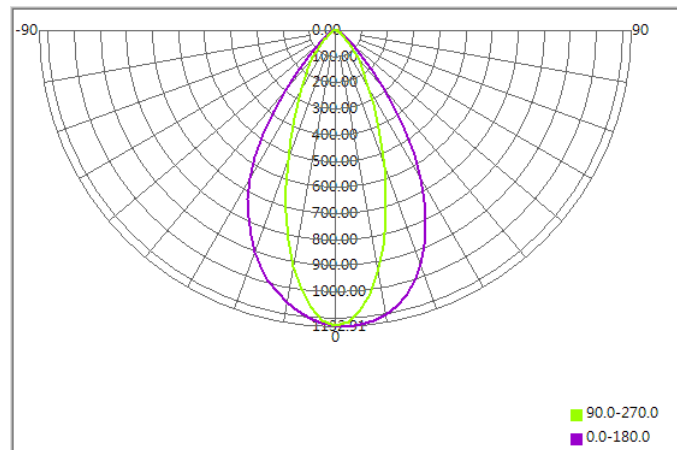




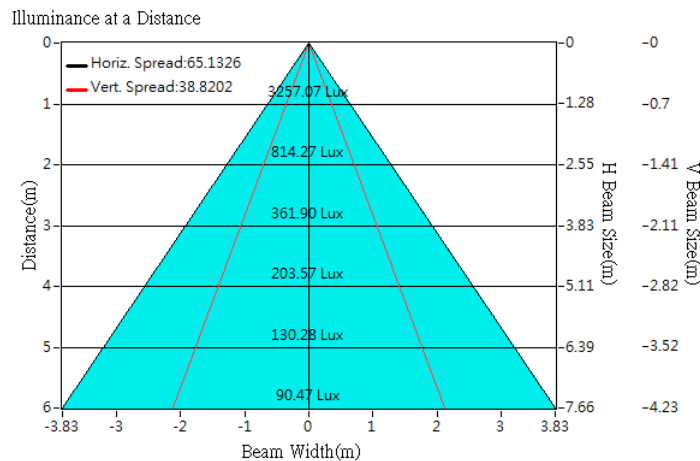
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA2530		
LES / LED Size	Φ 19 mm		
FWHM (D50)	39°x65°		
Field Angle (D10)	85°x95°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2886 lm	Measured @ 29.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

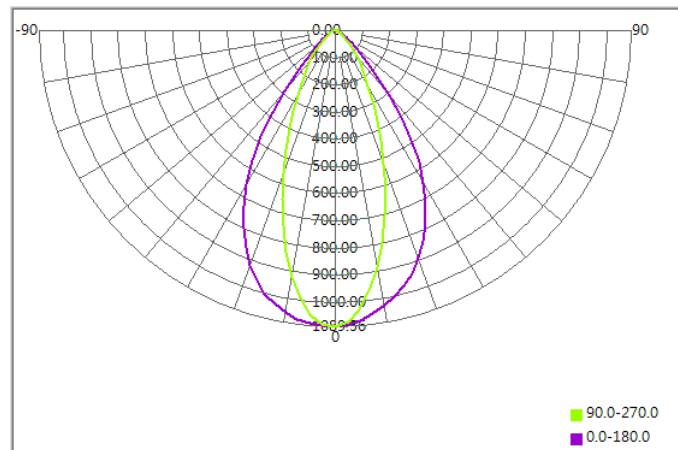




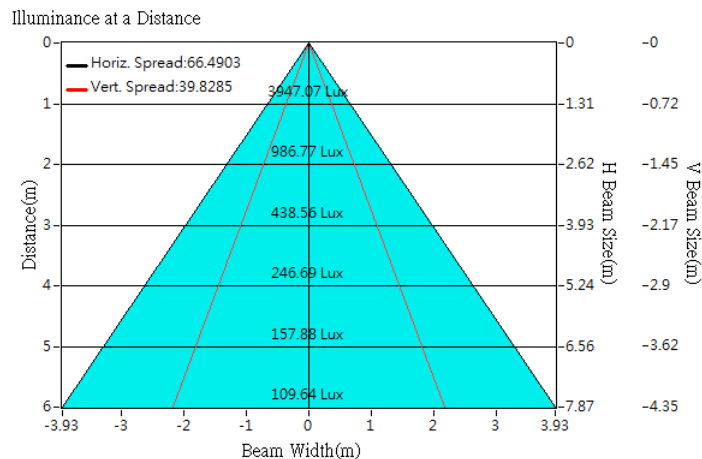
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p>
LED	CXB2530		
LES / LED Size	Φ 19 mm		
FWHM (D50)	40°x66°		
Field Angle (D10)	86°x97°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3622 lm	Measured @ 27.9 W	
Material	PC / UL94V2		

cd/klm

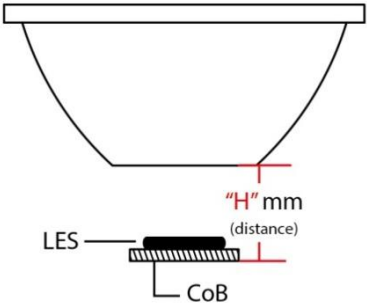


Illuminance At Distances

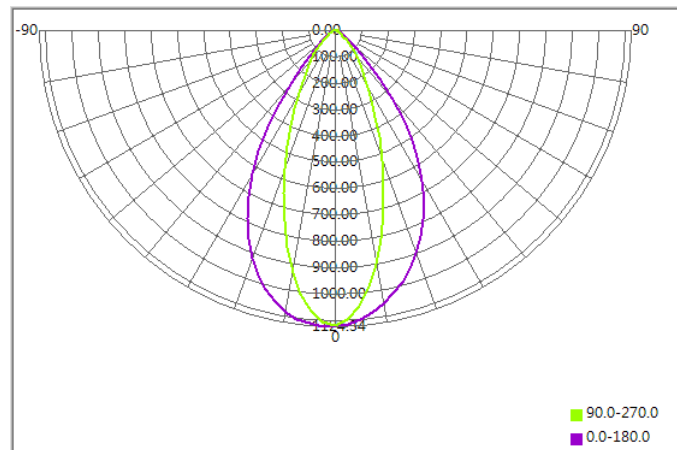




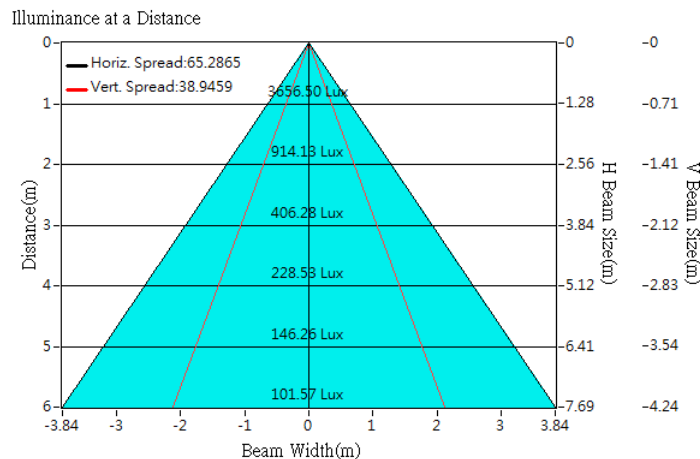
Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> 
LED	CXA2540		
LES / LED Size	Φ 19 mm		
FWHM (D50)	39°x65°		
Field Angle (D10)	85°x96°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3264 lm	Measured @ 40.9W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

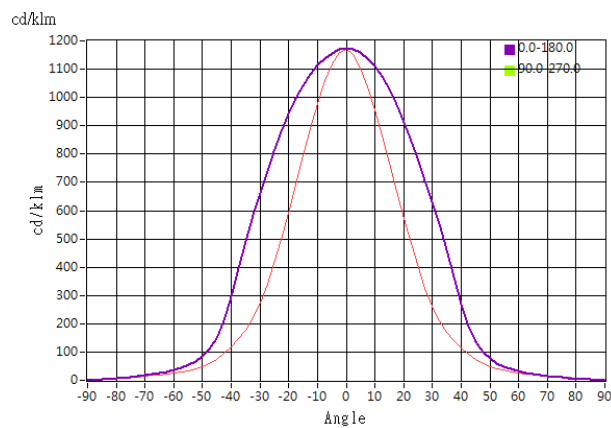




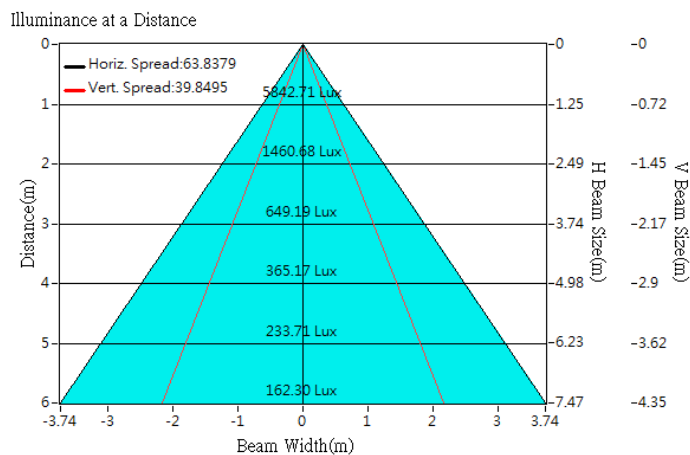
Optical Characteristics

Model Number	CKO-CH15-075033-4470	<p>"H" definition</p>
LED	CXB2540	
LES / LED Size	Φ 19 mm	
FWHM (D50)	40°x64°	
Field Angle (D10)	80°x93°	
H (distance)	3.65mm	
Dimension	Φ =75 mm, Thickness=33 mm	
Luminous Flux	4987 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

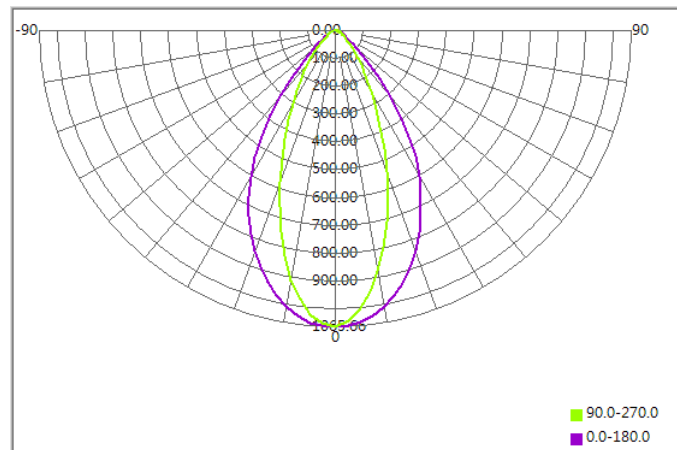




Optical Characteristics

Model Number	CKO-CH15-075033-4470		<p>"H" definition</p> <p>LES CoB</p>
LED	CMA2550		
LES / LED Size	Φ 19 mm		
FWHM (D50)	42°x65°		
Field Angle (D10)	88°x99°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	5857 lm	Measured @ 42.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

