



Product Model Number

CKO-CH15-075033-4460

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

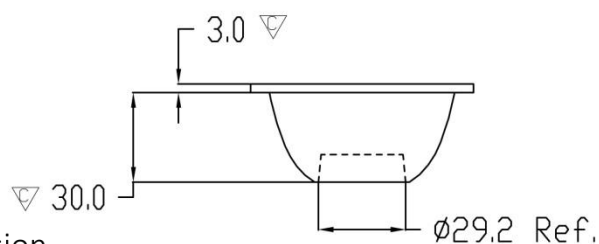
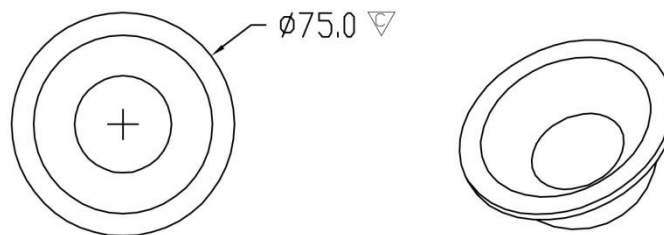


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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 – Angle Performances

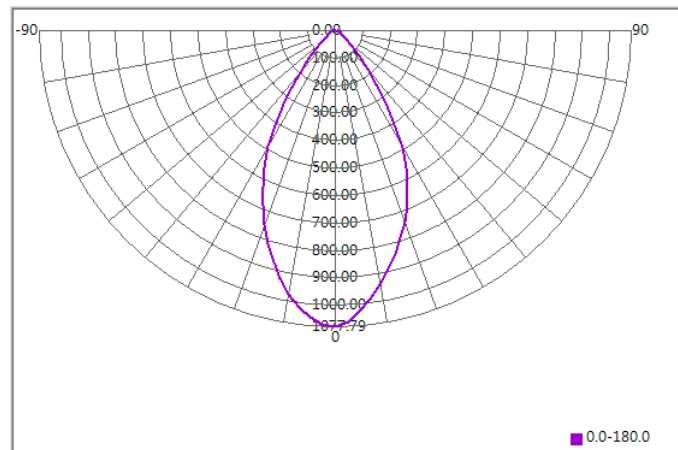
CREE	LED LES (mm)	FWHM (degrees)	Field Angle (degrees)
CXA1507	Φ9	57°	91°
CXB1507	Φ9	57°	91°
CXA1510	Φ9	56°	91°
CXA1512	Φ9	57°	91°
CXB1512	Φ9	57°	91°
CMA1516	Φ9	57°	91°
CXB1520	Φ9	57°	91°
CMT1407	Φ9.8	57°	92°
CMT1412	Φ9.8	56°	92°
CXA1816	Φ12	59°	94°
CXB1816	Φ12	58°	94°
CXA1820	Φ12	59°	94°
CXB1820	Φ12	60°	94°
CMA1825	Φ12	58°	92°
CXA1830	Φ14	59°	94°
CXB1830	Φ14	56°	93°
CMA1840	Φ14	59°	91°
CMT1922	Φ14.5	56°	92°
CMT1925	Φ14.5	57°	93°
CXB2530	Φ19	57°	94°
CXB2540	Φ19	58°	97°



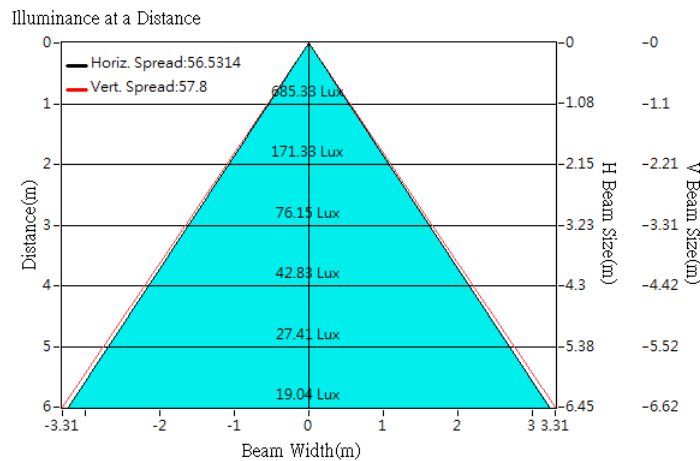
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	57°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	635 lm	Measured @ 7.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

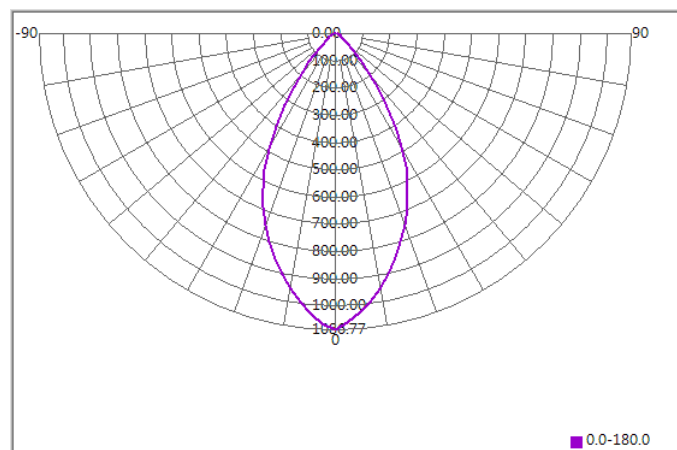




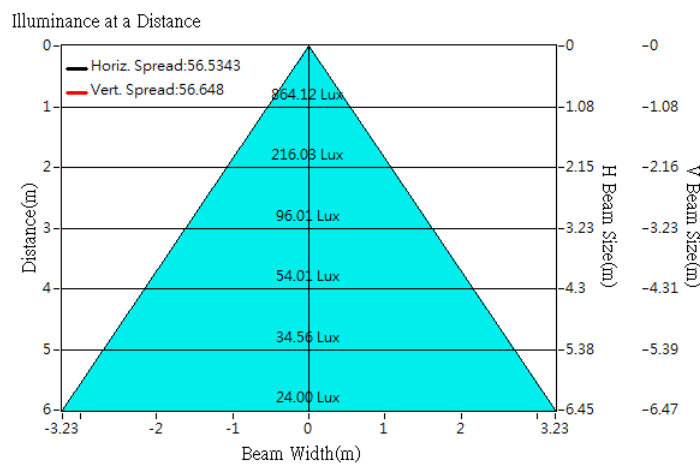
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	57°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	795 lm	Measured @ 7.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

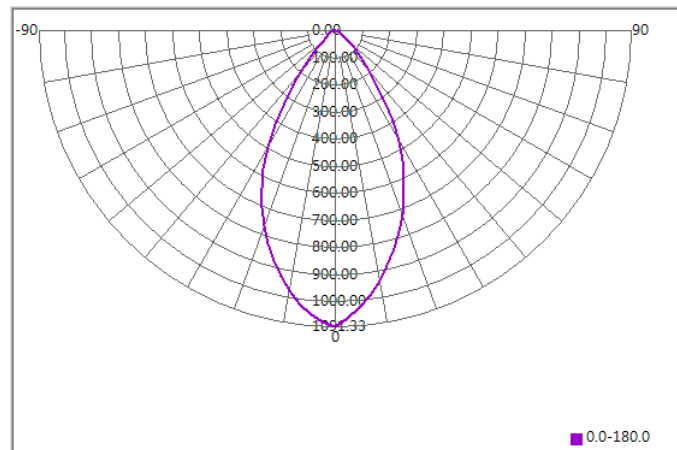




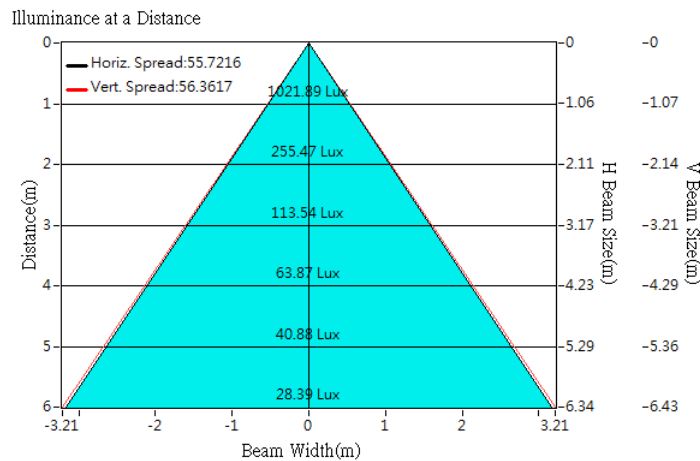
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXA1510		
LES / LED Size	Φ 9 mm		
FWHM (D50)	56°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	936lm	Measured @ 9.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

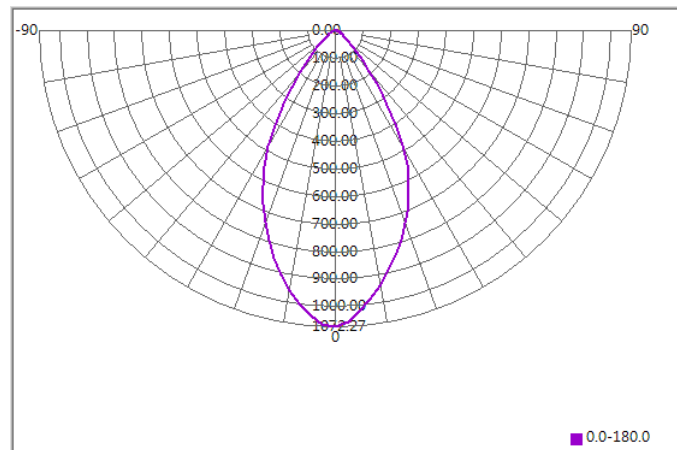




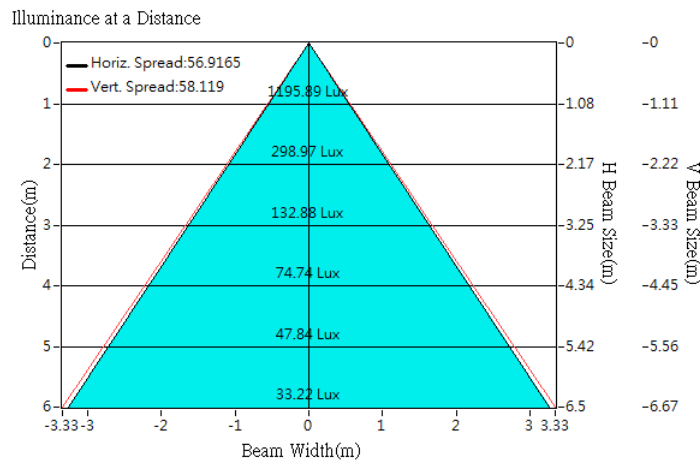
Optical Characteristics

Model Number	CKO-CH15-075033-4460	<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXA1512	
LES / LED Size	Φ 9 mm	
FWHM (D50)	57°	
Field Angle (D10)	91°	
H (distance)	3.65mm	
Dimension	Φ =75 mm, Thickness=33 mm	
Luminous Flux	1115 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

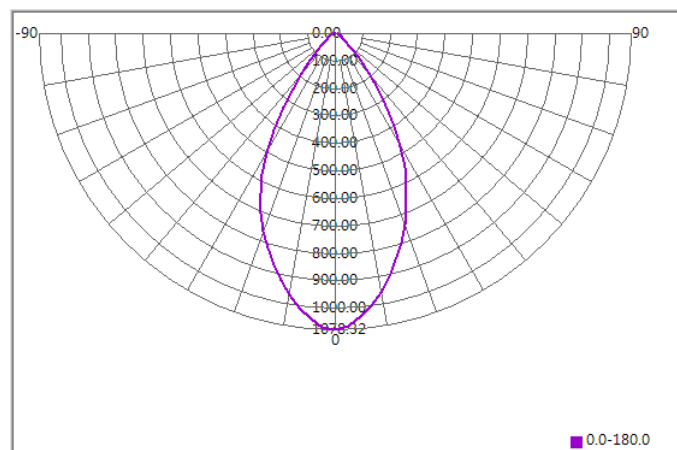




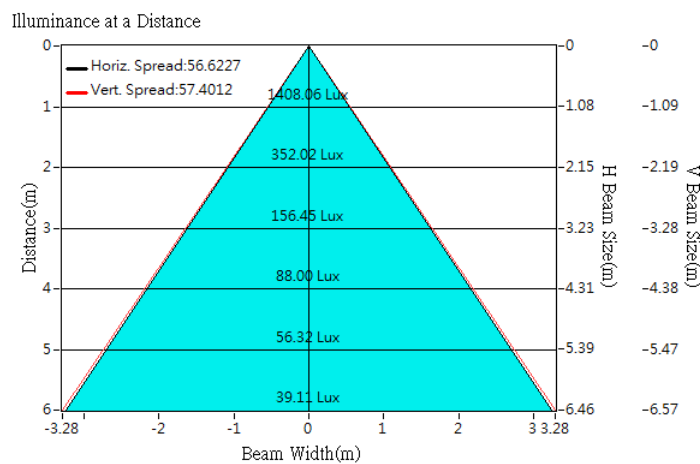
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXB1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	57°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1305 lm	Measured @12.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

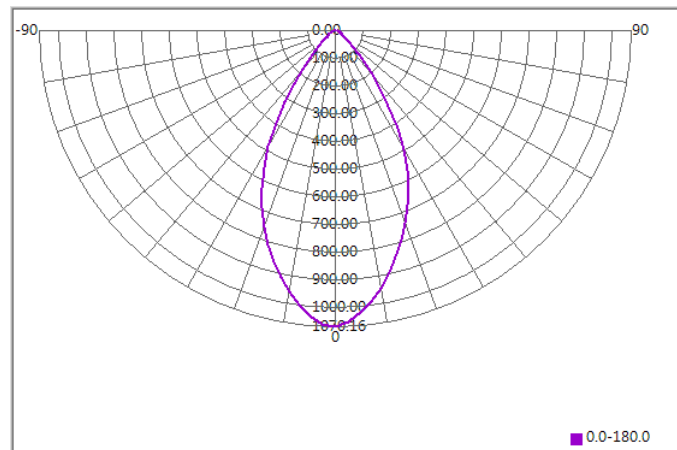




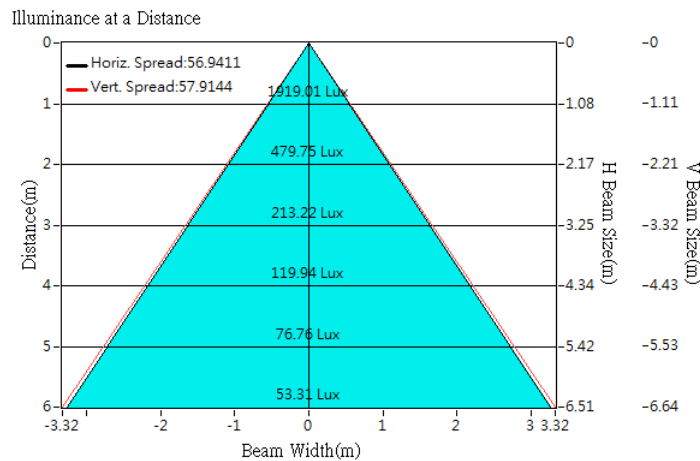
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CMA1516		
LES / LED Size	Φ 9 mm		
FWHM (D50)	57°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1793 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

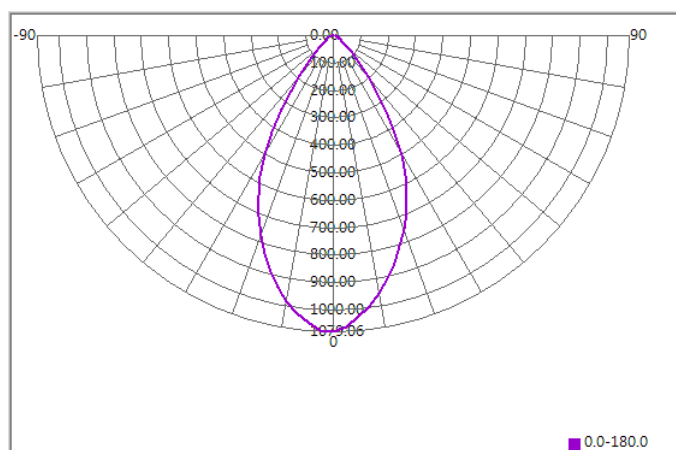




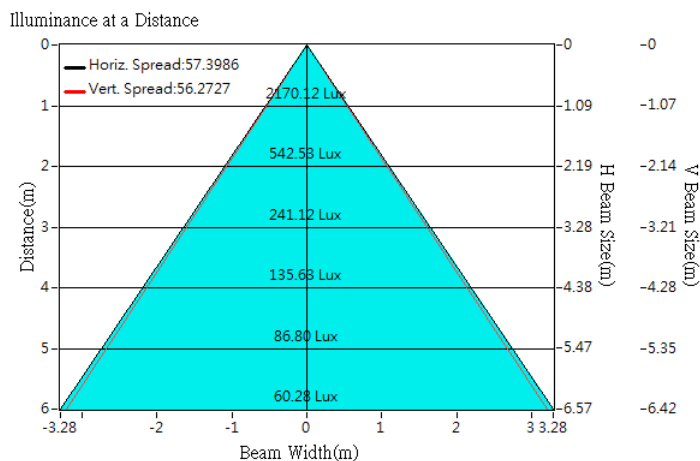
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p>
LED	CREE CXB1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	57°		
Field Angle (D10)	91°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2011 lm	Measured @ 16.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

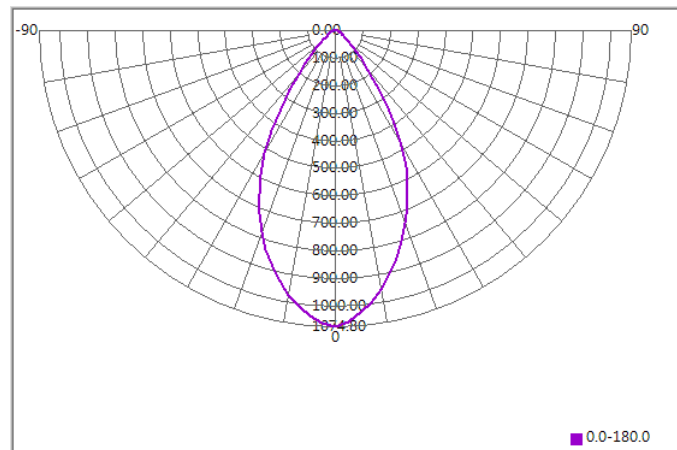




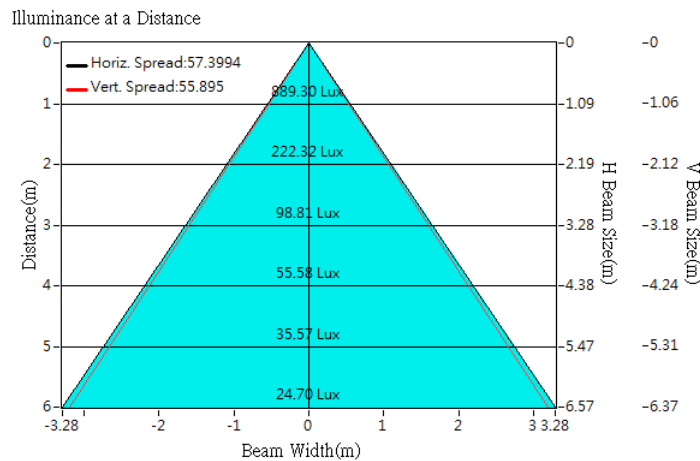
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1407		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	57°		
Field Angle (D10)	92°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	827 lm	Measured @ 7.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

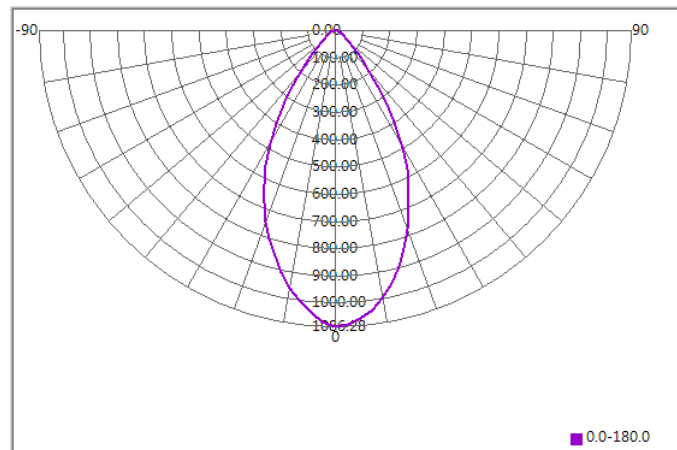




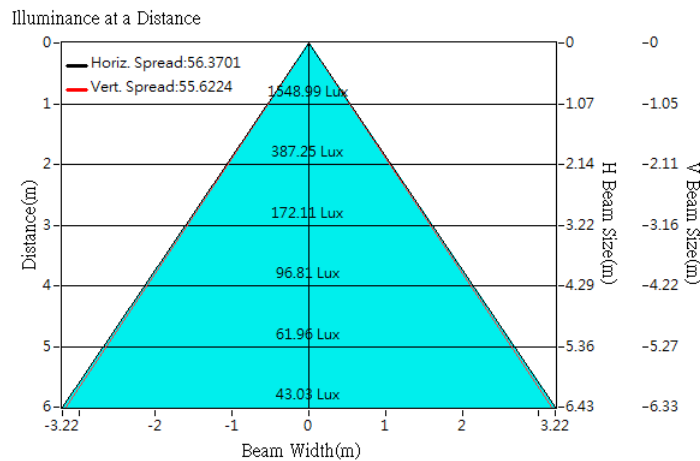
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	56°		
Field Angle (D10)	92°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1425 lm	Measured @12.2W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

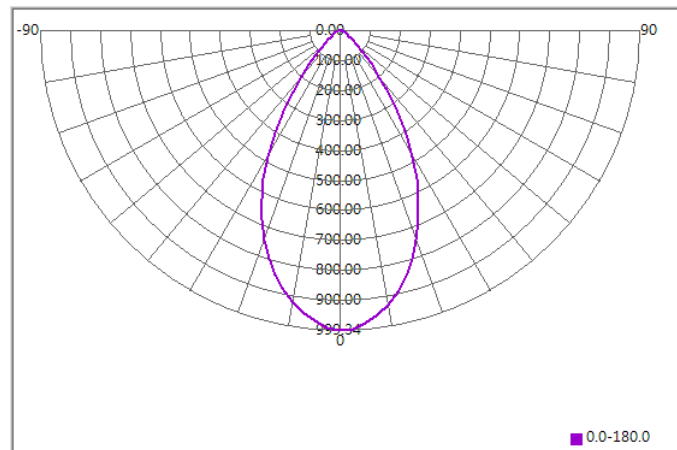




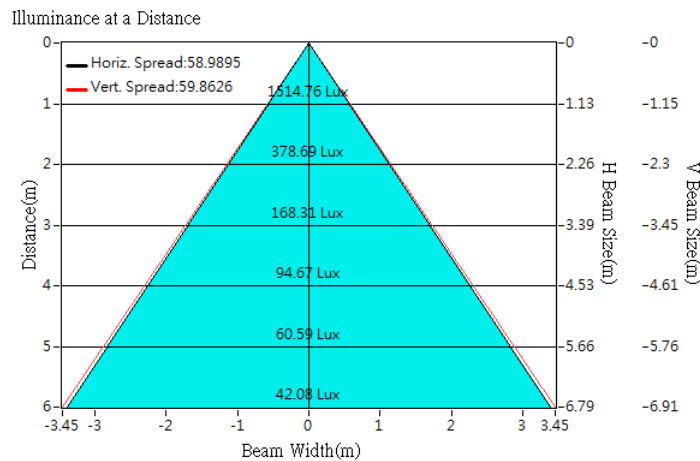
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXA1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	59°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1515 lm	Measured @16.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

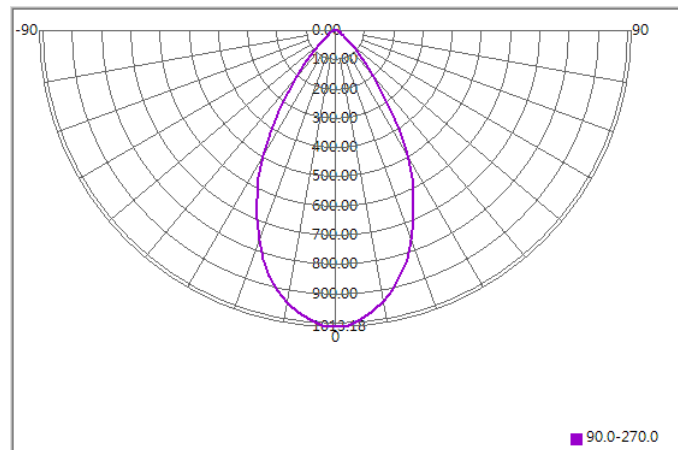




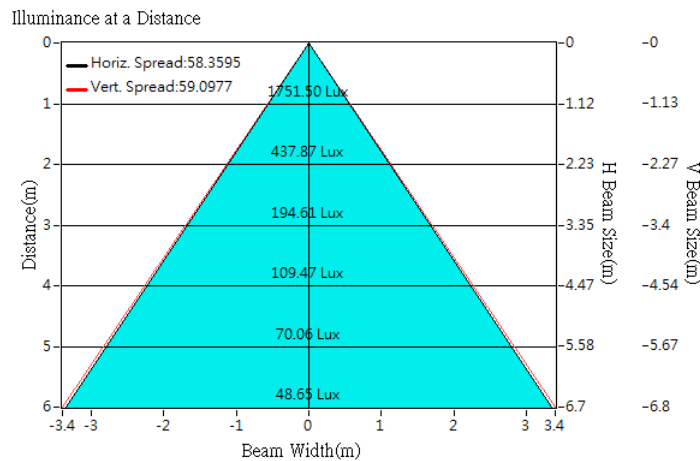
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXB1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	58°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1728 lm	Measured @ 15.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

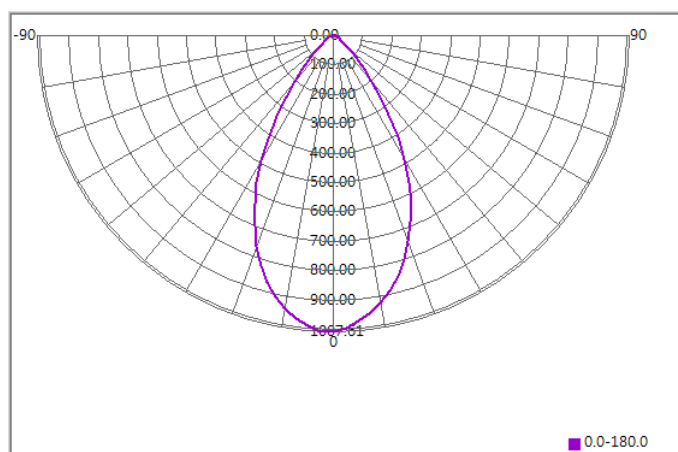




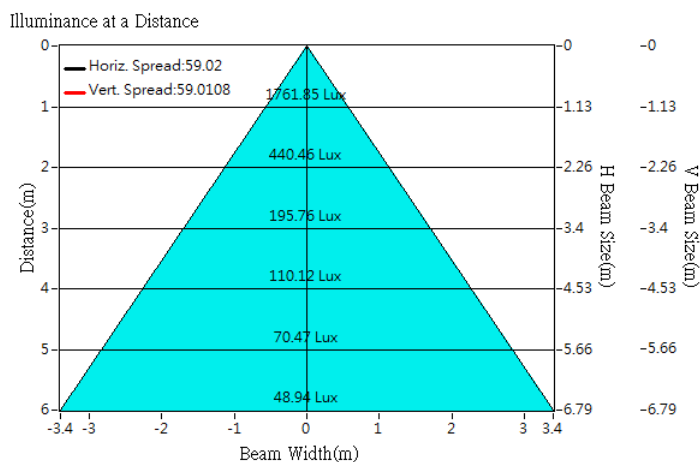
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	59°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1748 lm	Measured @19.79 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

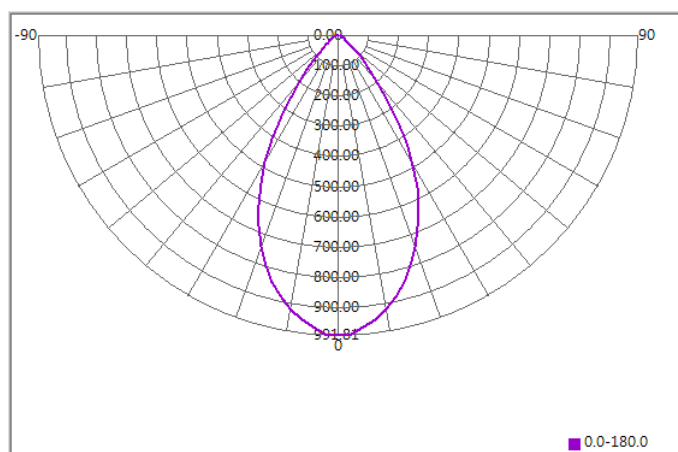




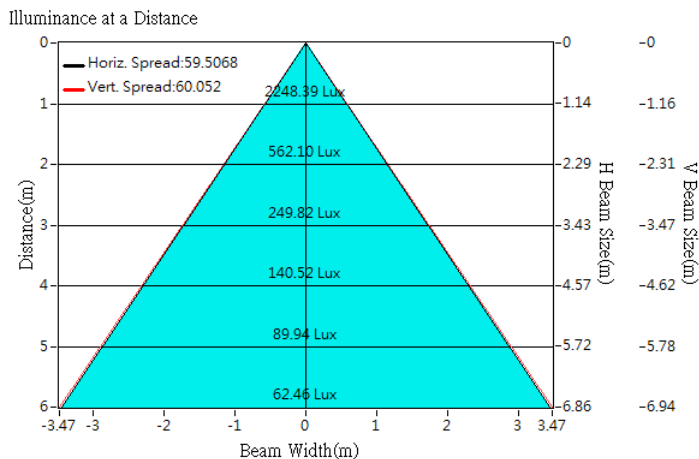
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	60°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2266 lm	Measured @ 19.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

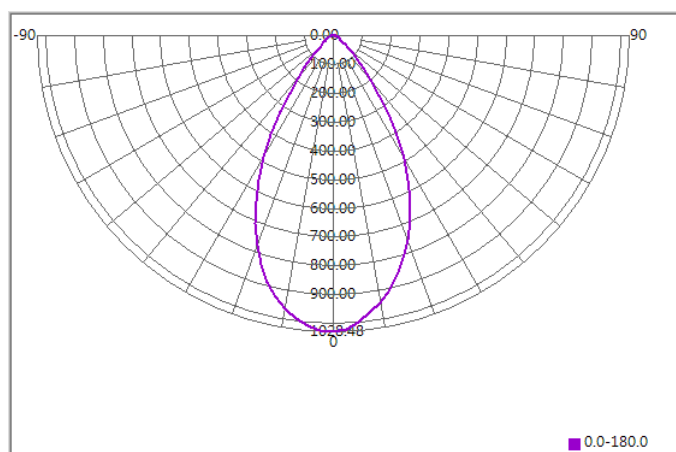




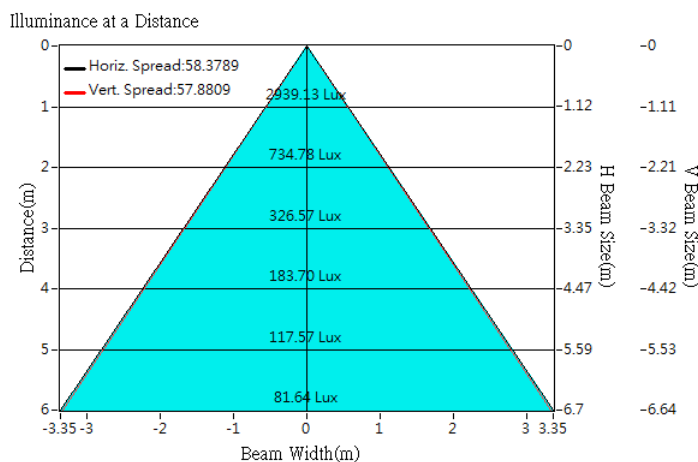
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CMA1825		
LES / LED Size	Φ 12 mm		
FWHM (D50)	58°		
Field Angle (D10)	92°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2857 lm	Measured @ 25.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

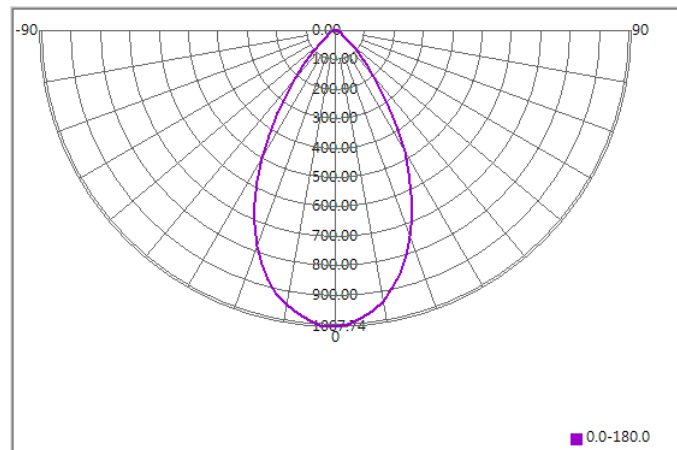




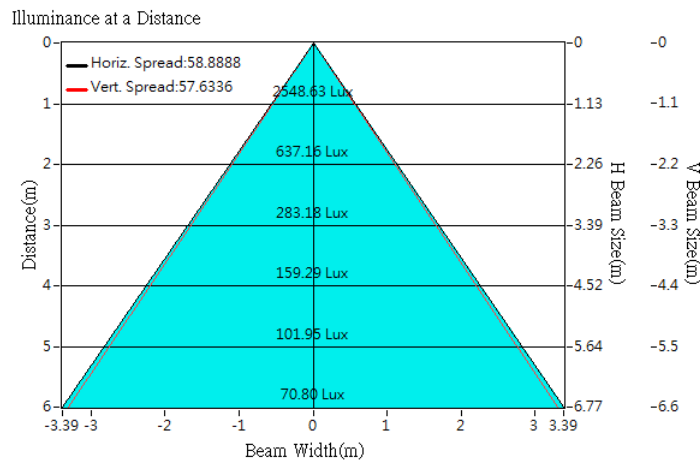
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CREE CXA1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	59°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2529 lm	Measured @ 30 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

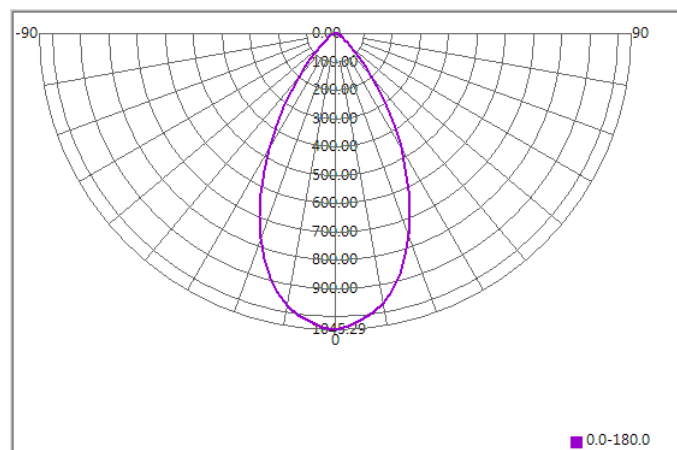




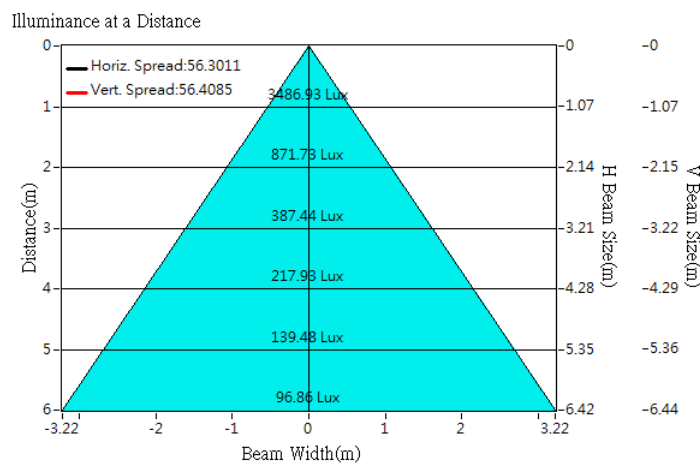
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p>
LED	CREE CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	56°		
Field Angle (D10)	93°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	3335 lm	Measured @ 27.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

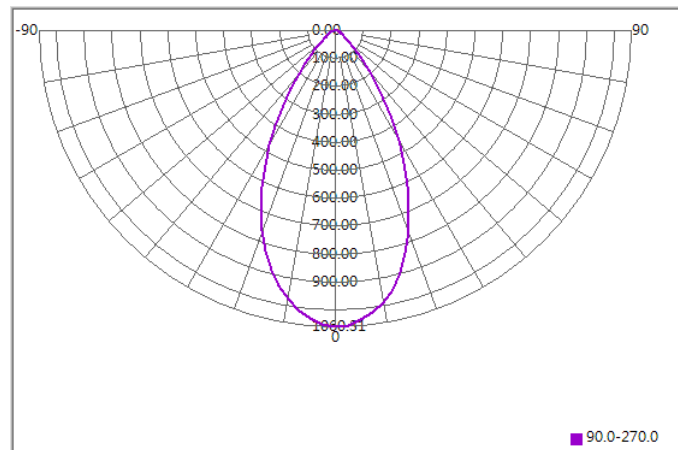




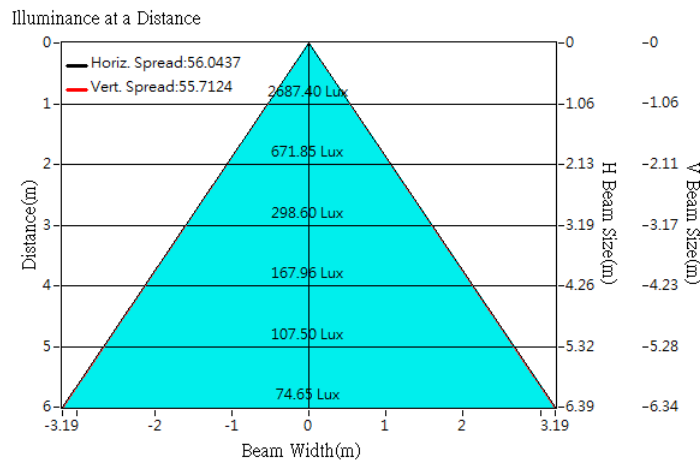
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1922		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	56°		
Field Angle (D10)	92°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2534 lm	Measured @ 21 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

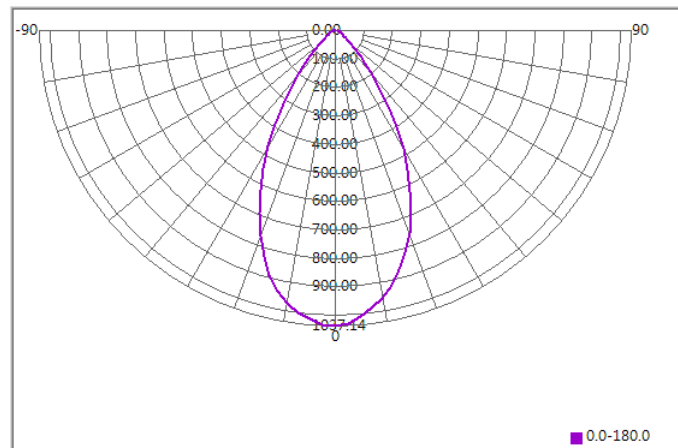




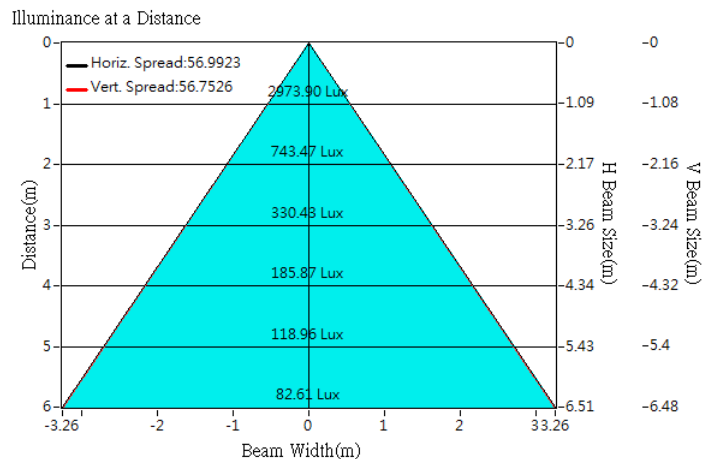
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p>
LED	CMT1925		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	57°		
Field Angle (D10)	93°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	1867 lm	Measured @ 24.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

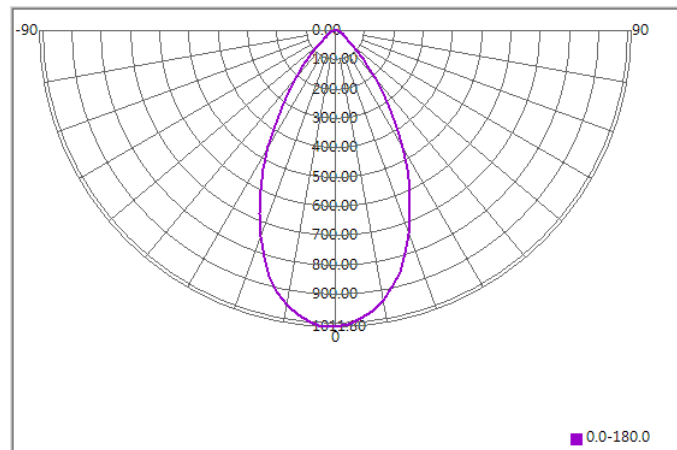




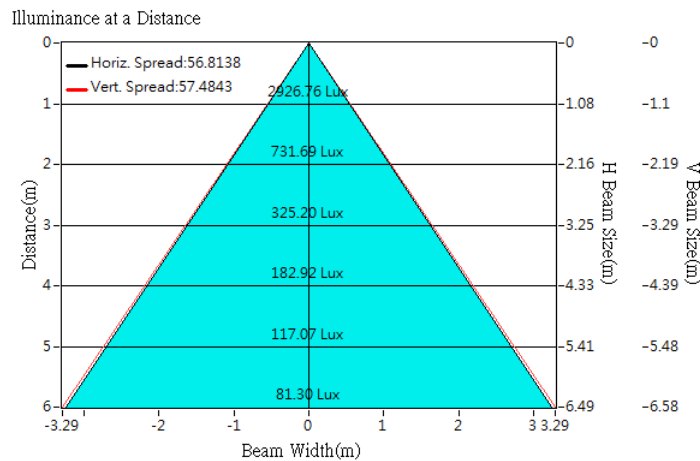
Optical Characteristics

Model Number	CKO-CH15-075033-4460		<p>"H" definition</p> <p>LES CoB</p>
LED	CXB2530		
LES / LED Size	Φ 19 mm		
FWHM (D50)	57°		
Field Angle (D10)	94°		
H (distance)	3.65mm		
Dimension	Φ =75 mm, Thickness=33 mm		
Luminous Flux	2892 lm	Measured @ 27.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

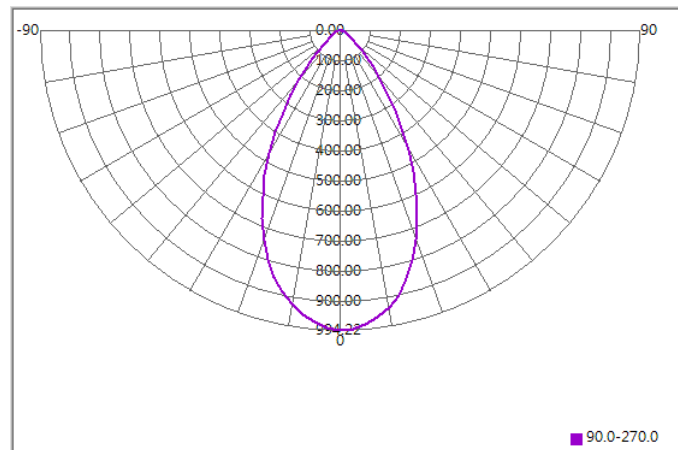




Optical Characteristics

Model Number	CKO-CH15-075033-4460	<p>"H" definition</p> <p>LES CoB</p>
LED	CXB2540	
LES / LED Size	Φ 19 mm	
FWHM (D50)	58°	
Field Angle (D10)	97°	
H (distance)	3.65mm	
Dimension	Φ =75 mm, Thickness=33 mm	
Luminous Flux	4295 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

