



Product Model Number

CKO-SA20-075026-0409

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

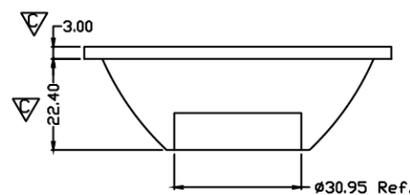
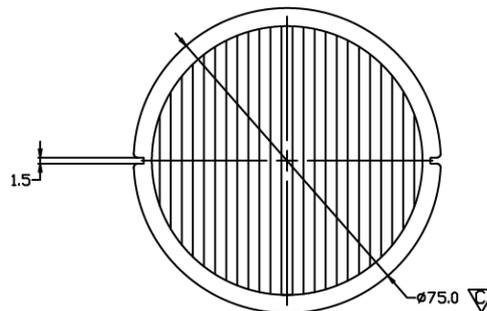
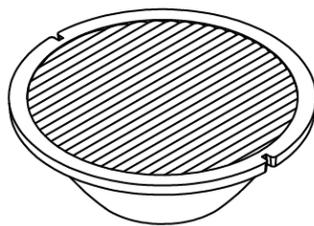


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

- 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 25.4



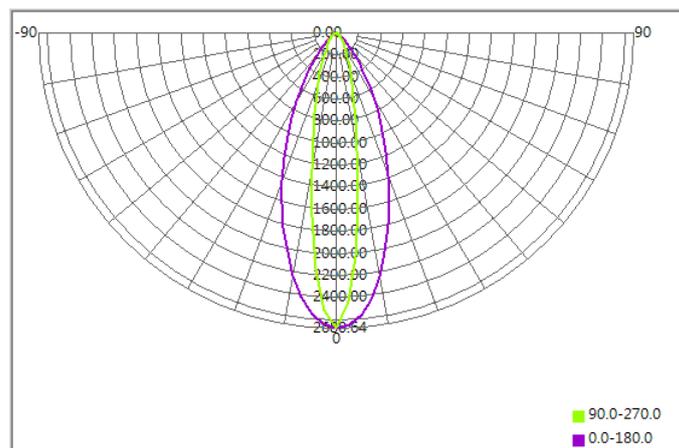
▽:Critical Dimension



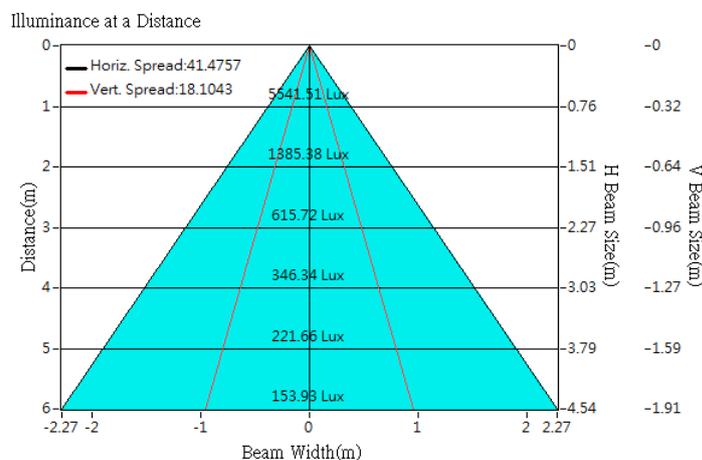
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXB1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	18°x42°		
Field Angle (D10)	50°x80°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2067 lm	Measured @ 16.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

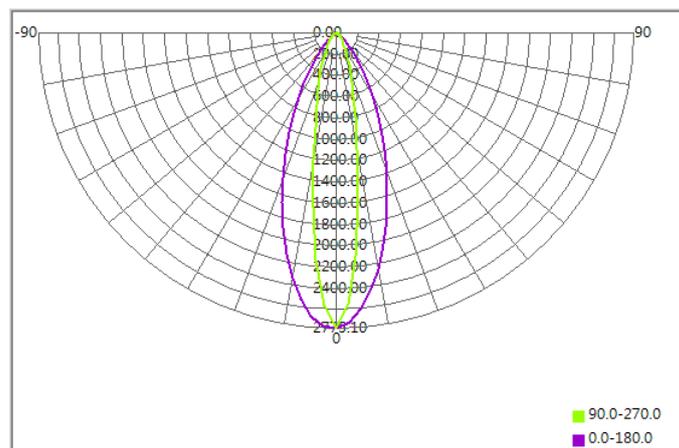




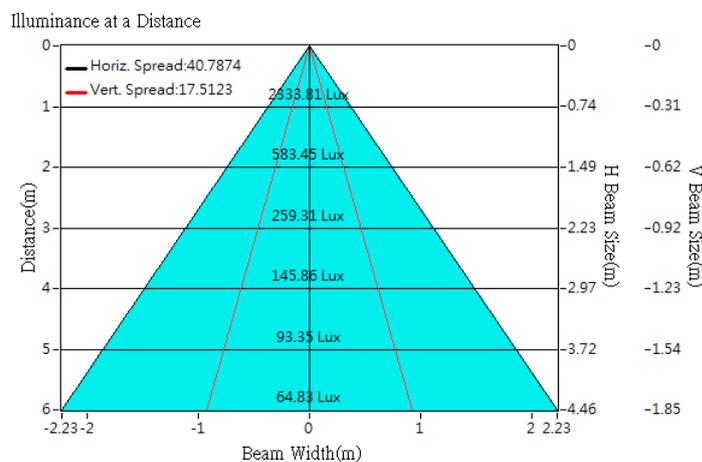
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CMT1407		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	17°x41°		
Field Angle (D10)	49°x79°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	840 lm	Measured @ 7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distance

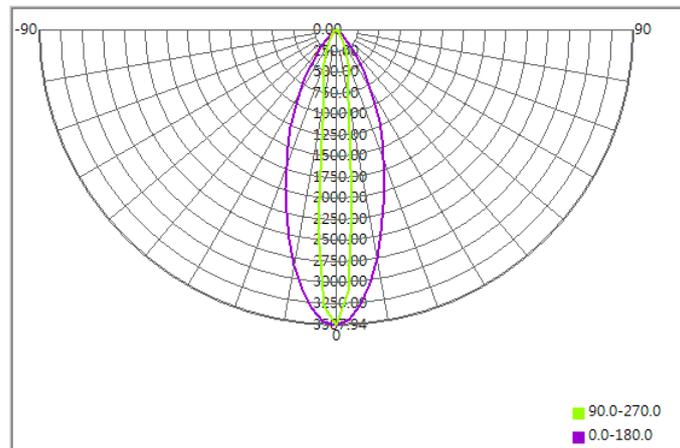




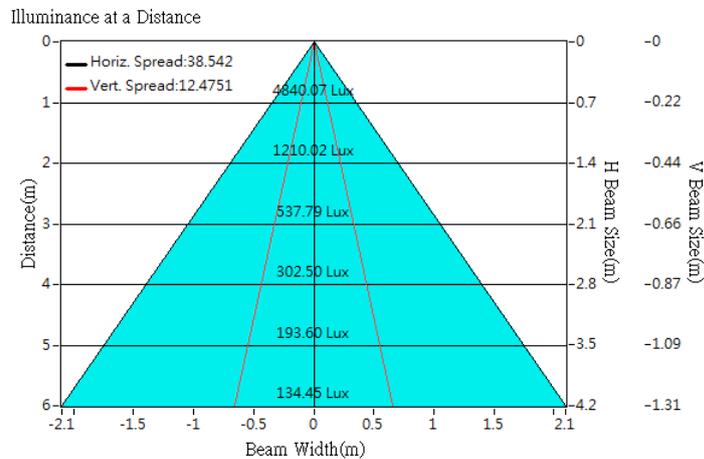
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p> <p>LES CoB</p>
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	18°x41°		
Field Angle (D10)	51°x79°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1379 lm	Measured @ 12.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distance

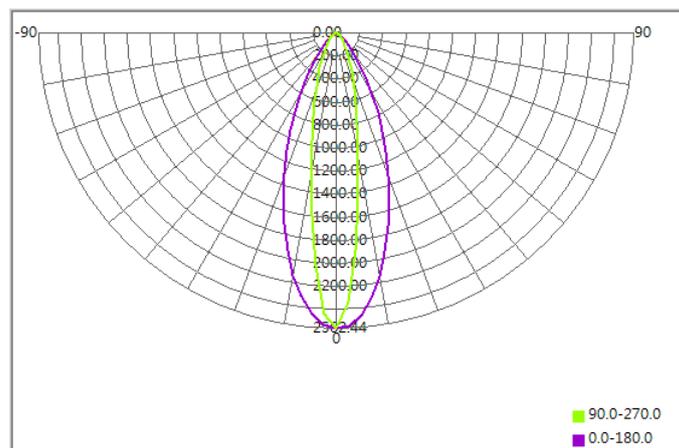




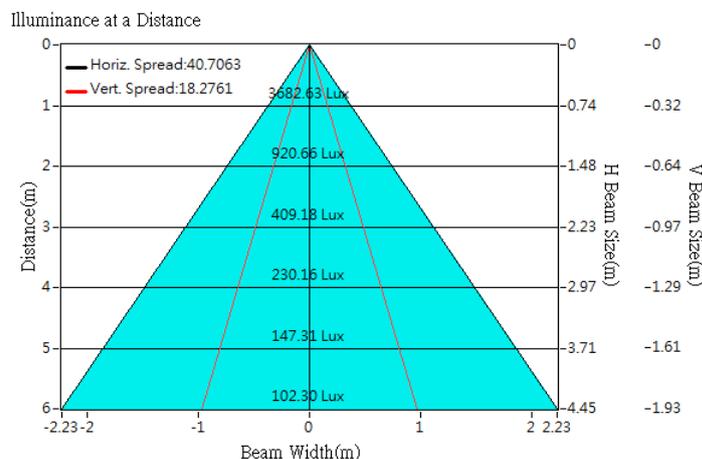
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXA1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	18°x41°		
Field Angle (D10)	54°x79°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1437 lm	Measured @ 17.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

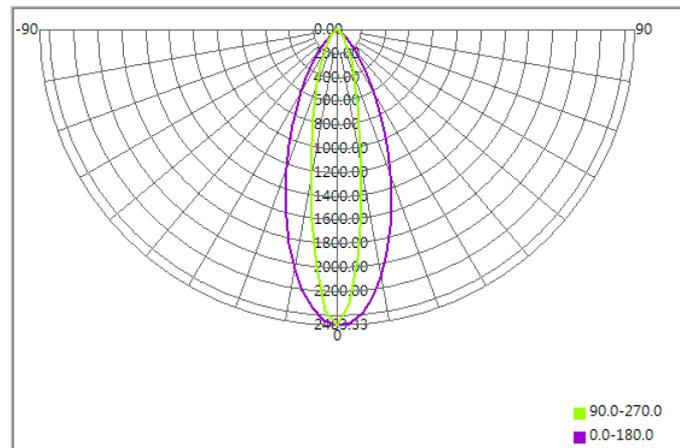




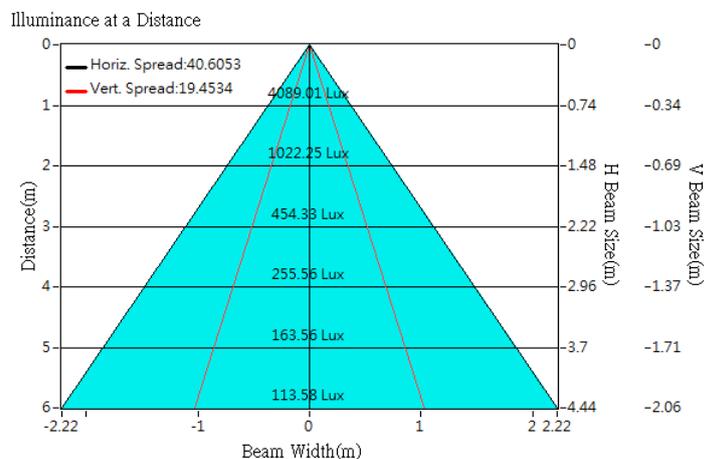
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXB1816		
LES / LED Size	Φ 12 mm		
FWHM (D50)	19°x41°		
Field Angle (D10)	54°x79°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1646 lm	Measured @ 15.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

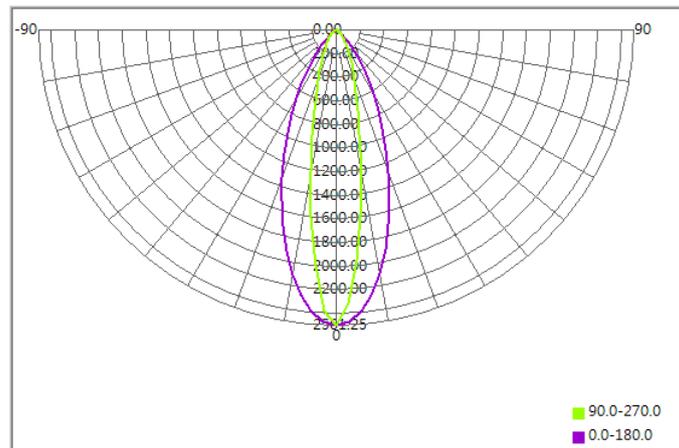




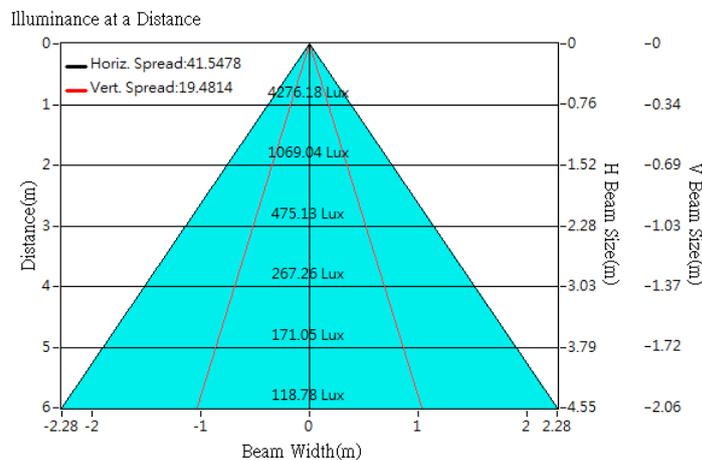
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXA1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	19°x42°		
Field Angle (D10)	54°x80°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1709 lm	Measured @ 19.7 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

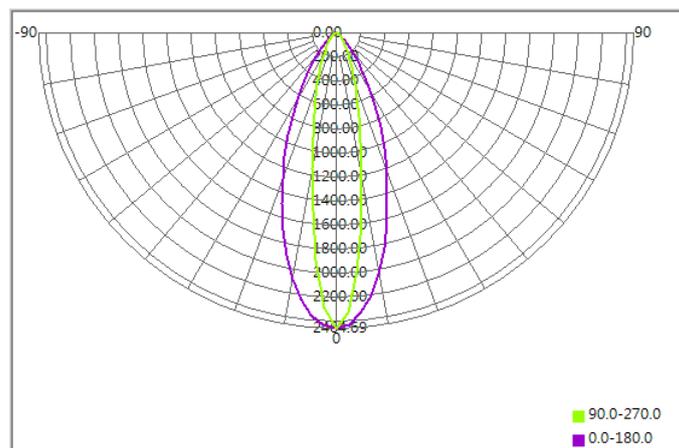




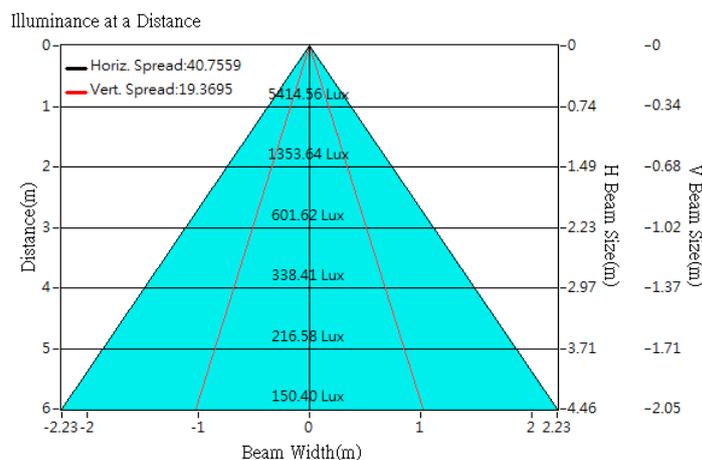
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXB1820		
LES / LED Size	Φ 12 mm		
FWHM (D50)	19°x41°		
Field Angle (D10)	55°x80°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2196 lm	Measured @ 19.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

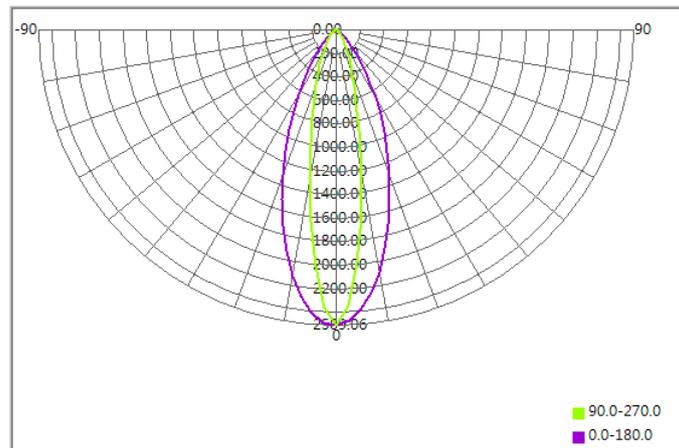




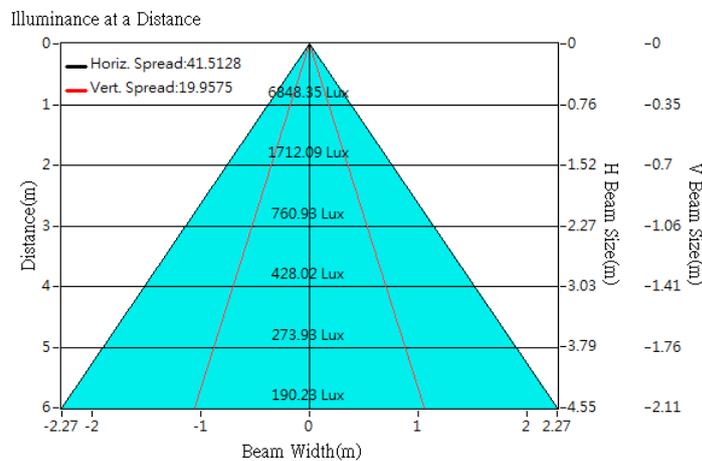
Optical Characteristics

Model Number	CKO-SA20-075026-0409	<p>"H" definition</p>
LED	CMA1825	
LES / LED Size	Φ 12 mm	
FWHM (D50)	19°x42°	
Field Angle (D10)	53°x80°	
H (distance)	3.65 mm	
Dimension	Φ =75mm, Thickness=25.4 mm	
Luminous Flux	2729 lm	
Material	PC / UL94V2	

cd/klm



Illuminance At Distances

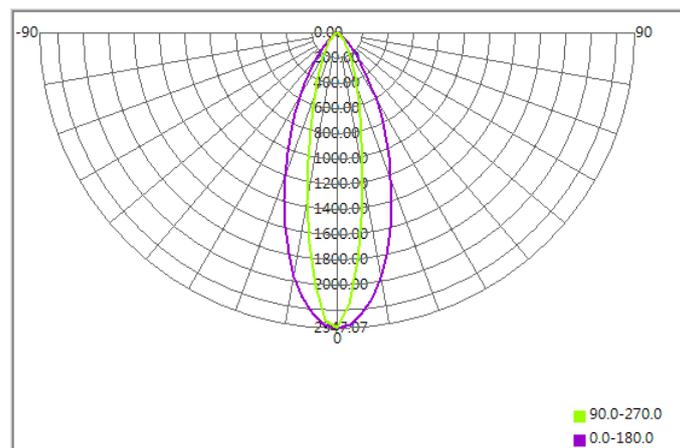




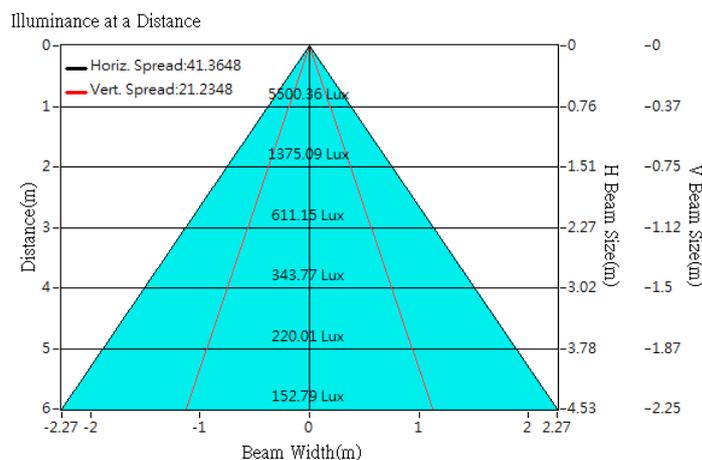
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXA1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	21°x41°		
Field Angle (D10)	57°x81°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2343 lm	Measured @ 29.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

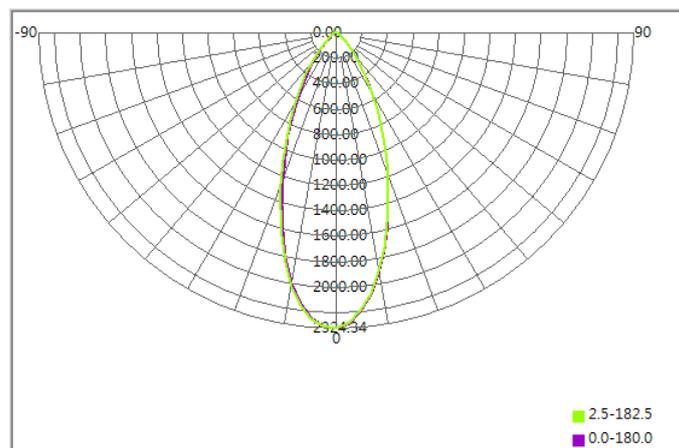




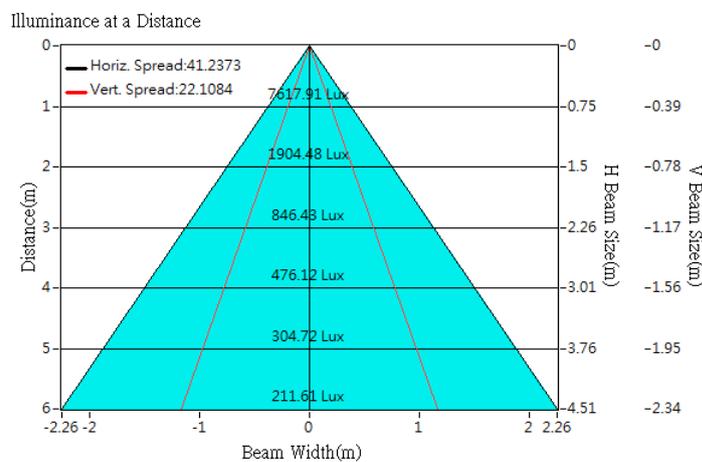
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CXB1830		
LES / LED Size	Φ 14 mm		
FWHM (D50)	22°x41°		
Field Angle (D10)	57°x81°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	3277 lm	Measured @ 27.9 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

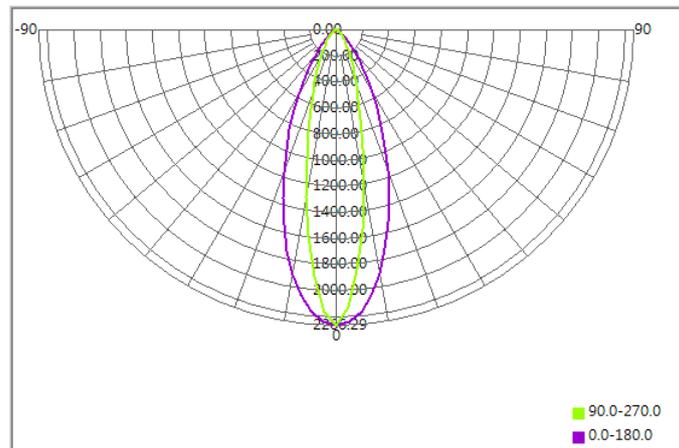




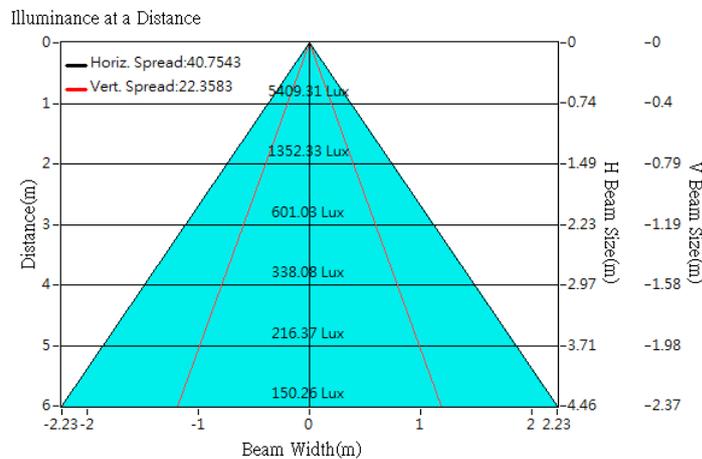
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CMT1922		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	22°x41°		
Field Angle (D10)	58°x80°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2386 lm	Measured @ 21.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

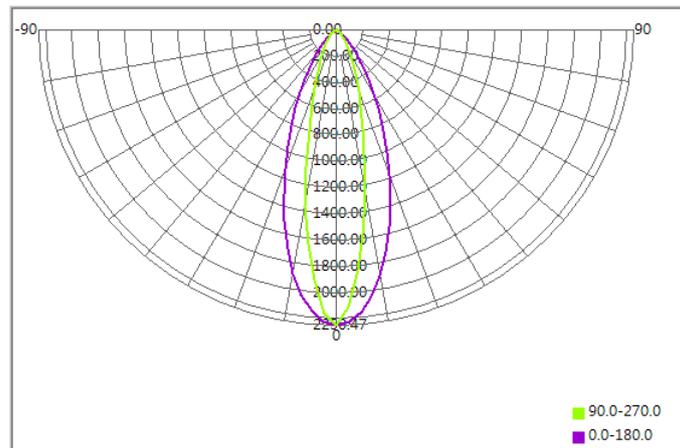




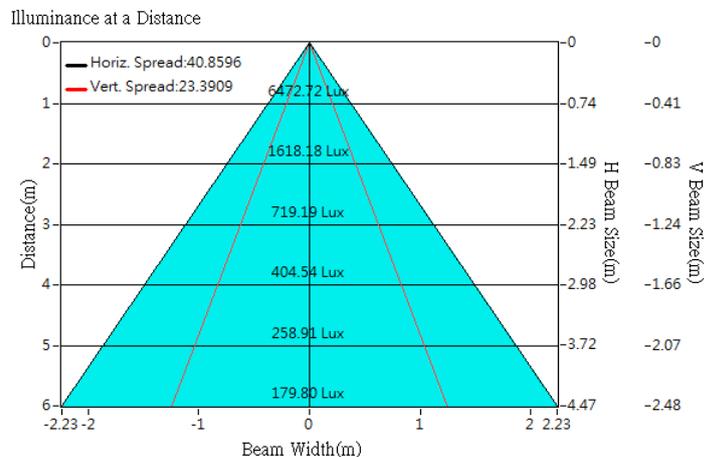
Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p>
LED	CMT1925		
LES / LED Size	Φ 14.5 mm		
FWHM (D50)	23°x41°		
Field Angle (D10)	58°x81°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	2876 lm	Measured @ 24.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

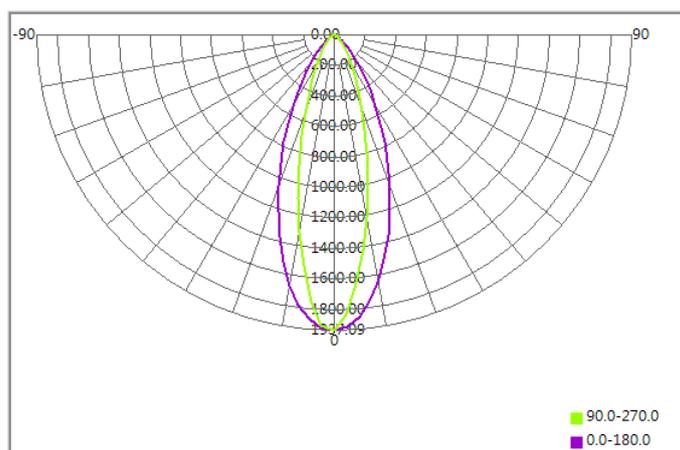




Optical Characteristics

Model Number	CKO-SA20-075026-0409		<p>"H" definition</p> <p>LES CoB</p>
LED	CXA2520		
LES / LED Size	Φ 19 mm		
FWHM (D50)	27°x43°		
Field Angle (D10)	65°x84°		
H (distance)	3.65 mm		
Dimension	Φ =75mm, Thickness=25.4 mm		
Luminous Flux	1809 lm	Measured @ 20.3 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

