



Product Part Number

CKO - CW18 - 045017 - 0531

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

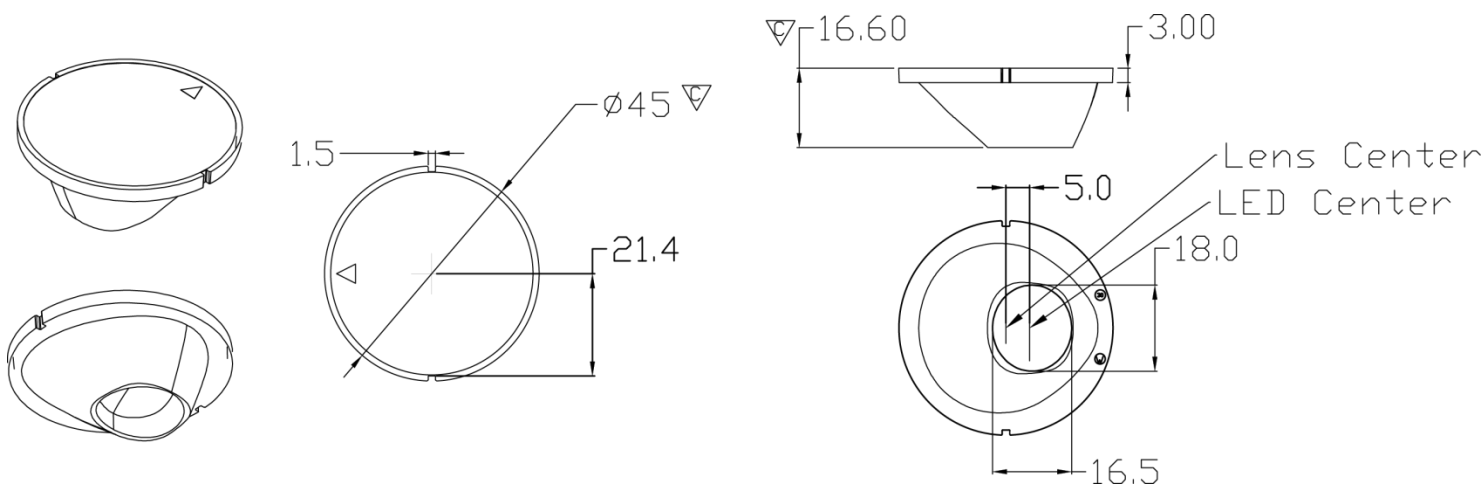


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
MX→Multi 33 in 1
SW→Single Wall Washer
CW→Wall Washer for CoB LED
HC→Holder for CoB LED

- 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) : Φ45x16.6



▽:Critical Dimension

Chun Kuang Optics Corp.

2022/2/9

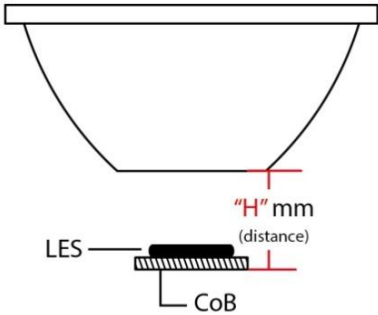
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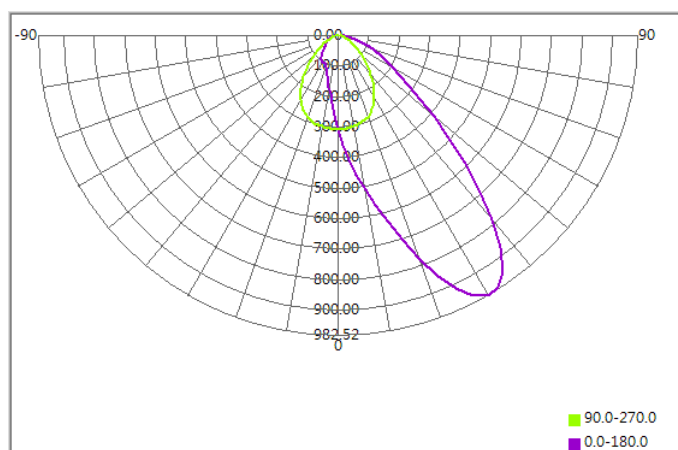
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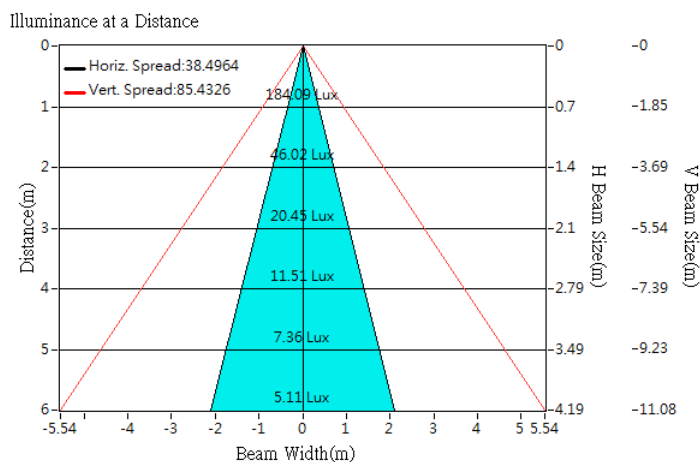
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CXA1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	38°x85°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	598 lm	Measured @ 7.7 W	
Material	PC / UL94V2		

cd/klm

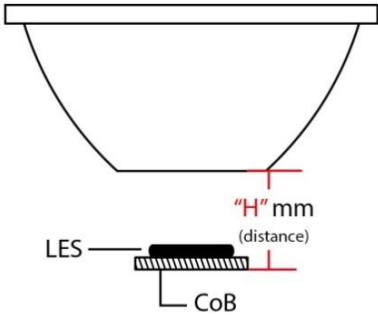


Illuminance At Distances

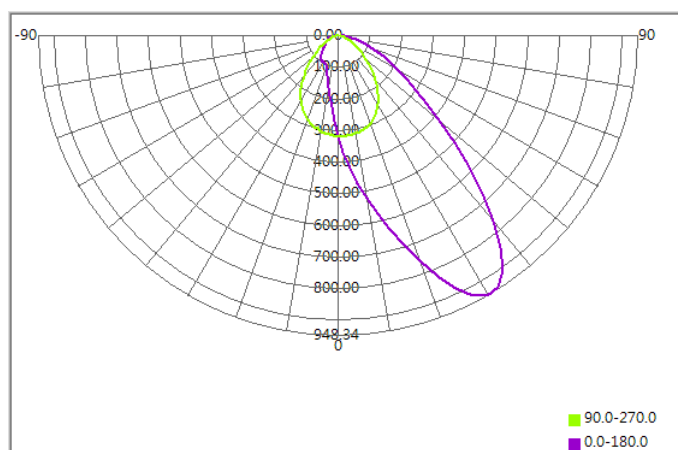




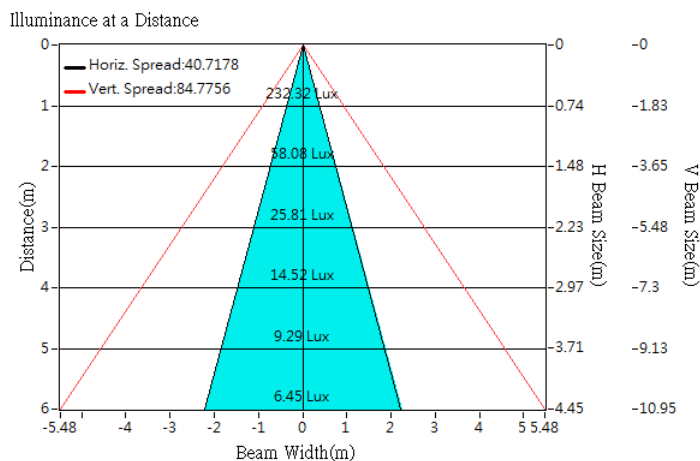
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CXB1507		
LES / LED Size	Φ 9 mm		
FWHM (D50)	41°x85°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	729 lm	Measured @ 6.9 W	
Material	PC / UL94V2		

cd/klm

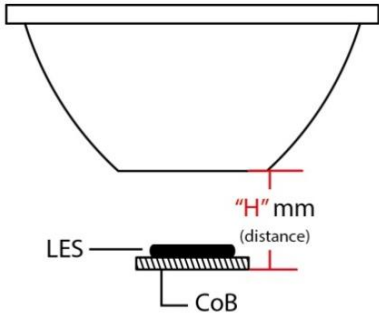


Illuminance At Distances

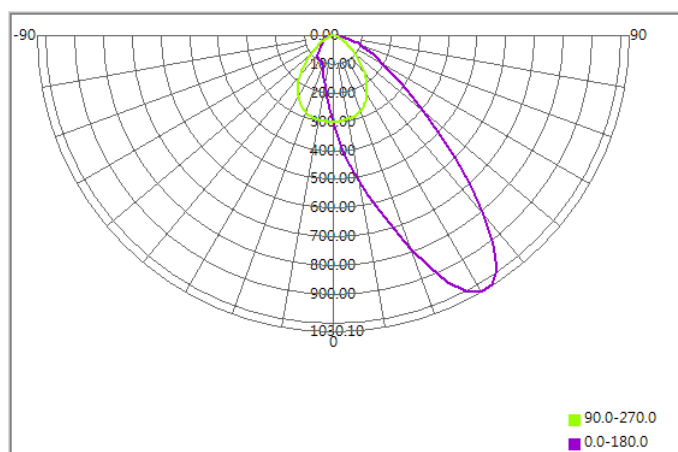




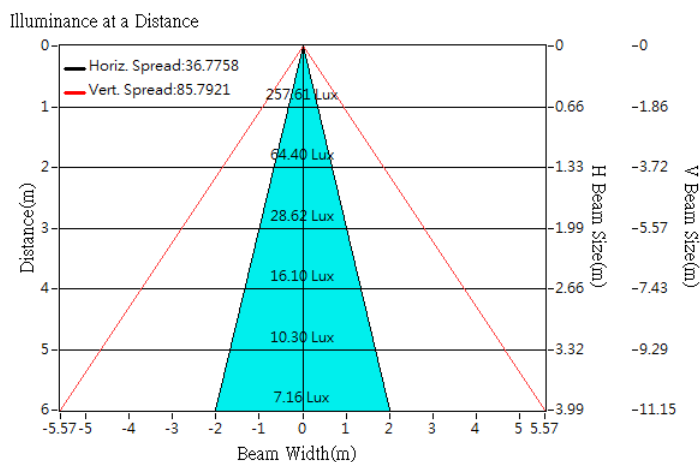
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CXA1510		
LES / LED Size	Φ 9 mm		
FWHM (D50)	37°x86°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	855 lm	Measured @ 9.1 W	
Material	PC / UL94V2		

cd/klm

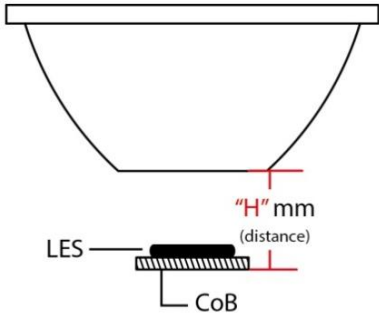


Illuminance At Distances

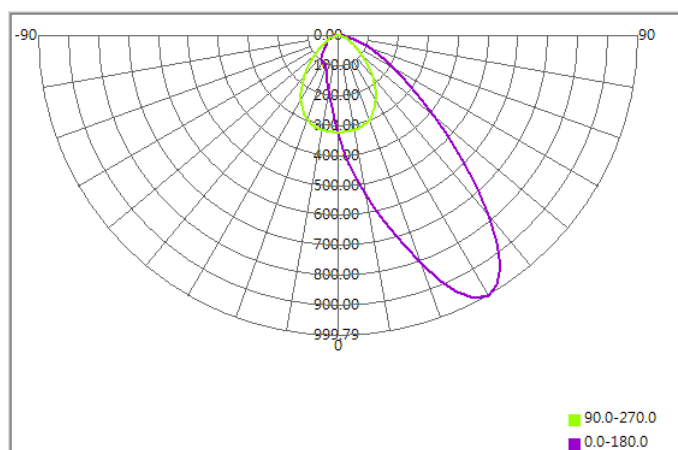




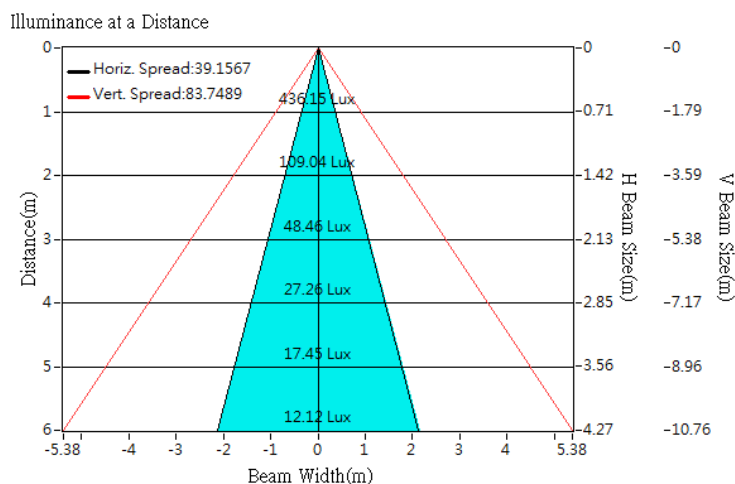
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CXA 1512		
LES / LED Size	Φ 9 mm		
FWHM (D50)	39°x84°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	1343 lm	Measured @ 11.9 W	
Material	PC / UL94V2		

cd/klm

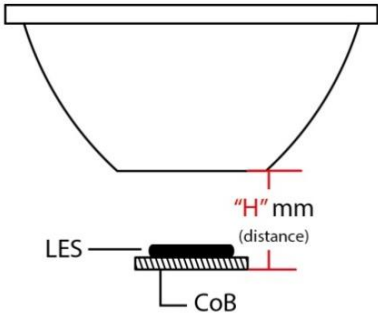


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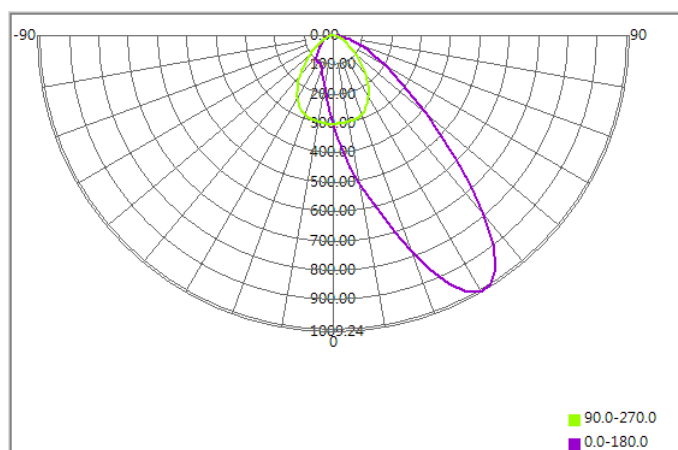




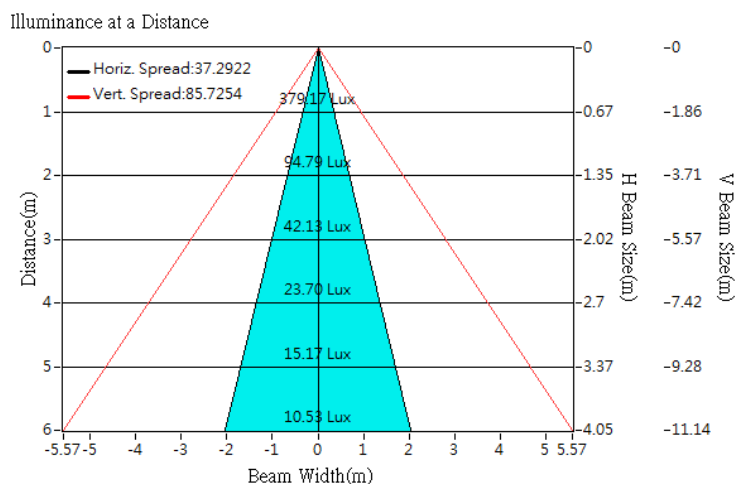
Optical Characteristics

Part Number		CKO-CW18-045017-0531		"H" definition 
LED		CXB 1512		
LES / LED Size		Φ 9 mm		
FWHM (D50)		37°x86°		
H (distance)		2.5 mm		
Dimension		Φ =45 mm, Thickness=16.6 mm		
Luminous Flux		1255 lm	Measured @ 12.4 W	
Material		PC / UL94V2		

cd/klm

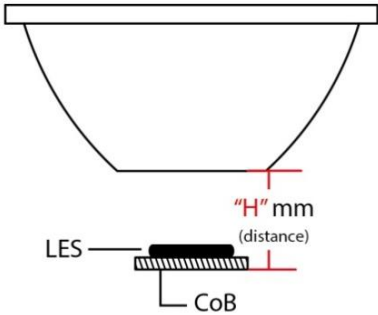


Illuminance At Distances

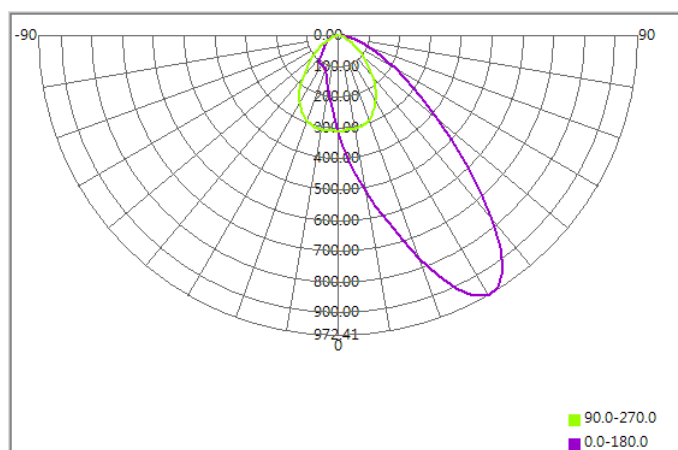




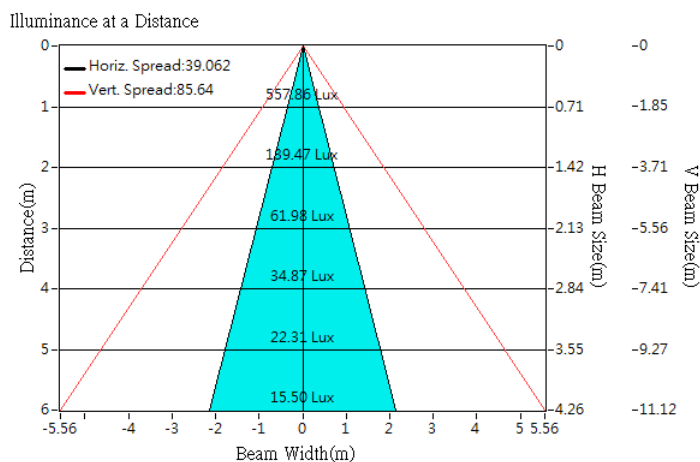
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 	
LED		CMA1516		
LES / LED Size		Φ 9 mm		
FWHM (D50)		39°x86°		
H (distance)		2.5 mm		
Dimension		Φ =45 mm, Thickness=16.6 mm		
Luminous Flux		1792 lm		Measured @ 15.6 W
Material		PC / UL94V2		

cd/klm

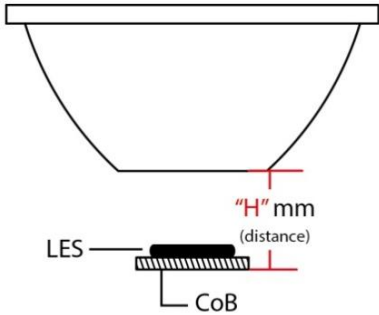


Illuminance At Distances

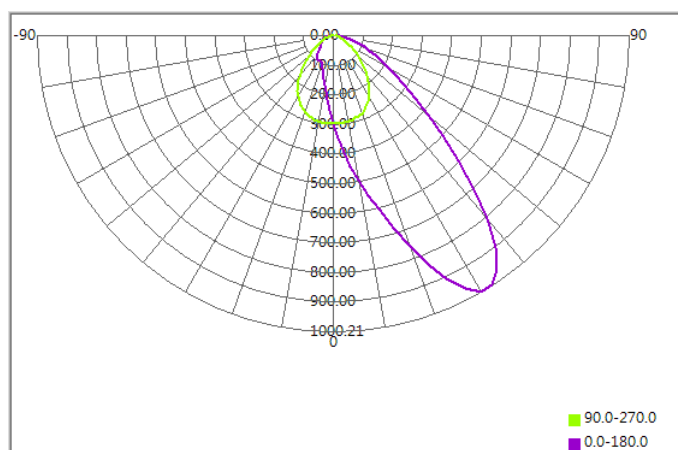




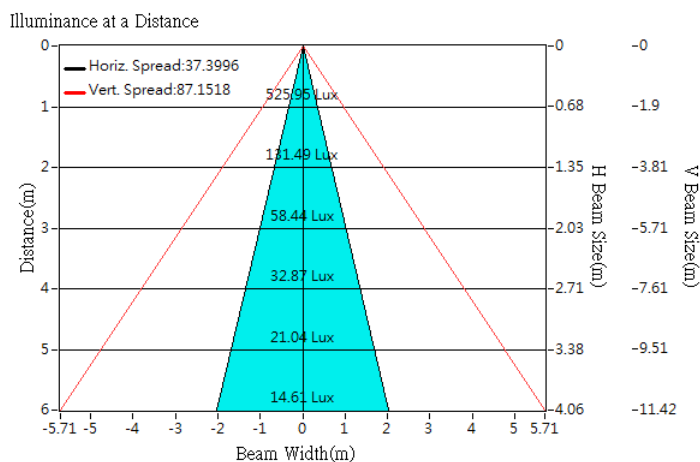
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CXB 1520		
LES / LED Size	Φ 9 mm		
FWHM (D50)	37°x87°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	1766.8 lm	Measured @ 17.3 W	
Material	PC / UL94V2		

cd/klm

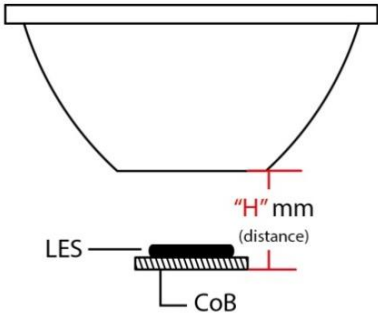


Illuminance At Distances

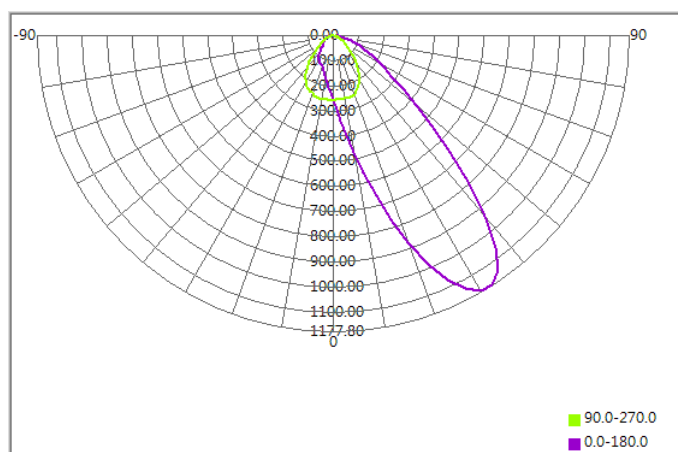




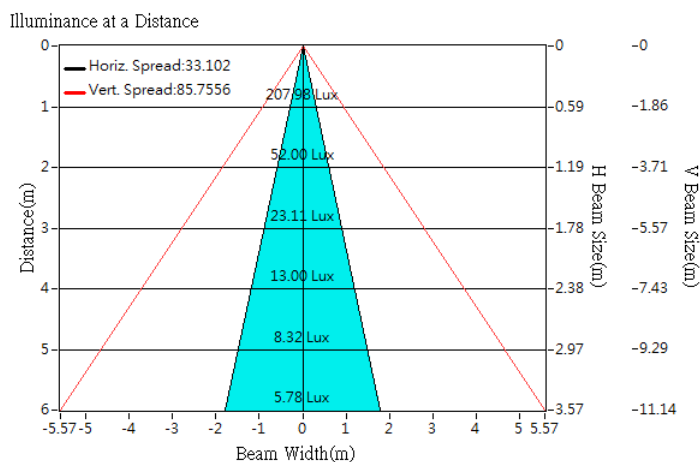
Optical Characteristics

Part Number		CKO-CW18-045017-0531	"H" definition 
LED	CMT1407		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	33°x86°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	811 lm	Measured @ 7.3 W	
Material	PC / UL94V2		

cd/klm

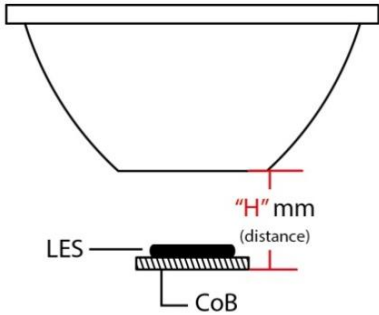


Illuminance At Distances

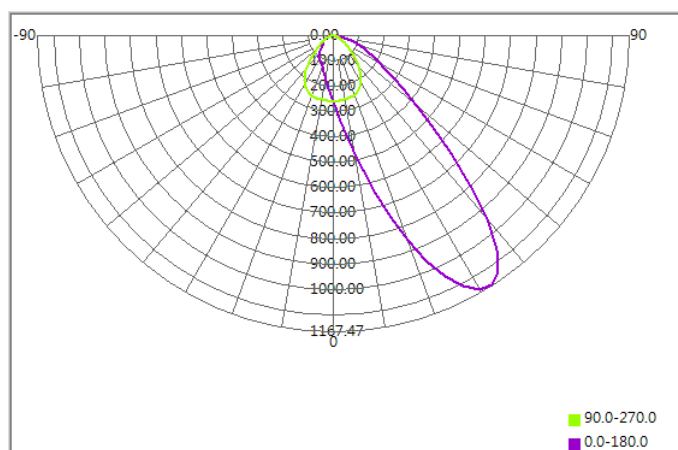




Optical Characteristics

Part Number	CKO-CW18-045017-0531		"H" definition 
LED	CMT1412		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	33°x87°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=16.6 mm		
Luminous Flux	1357 lm	Measured @ 12.8 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

