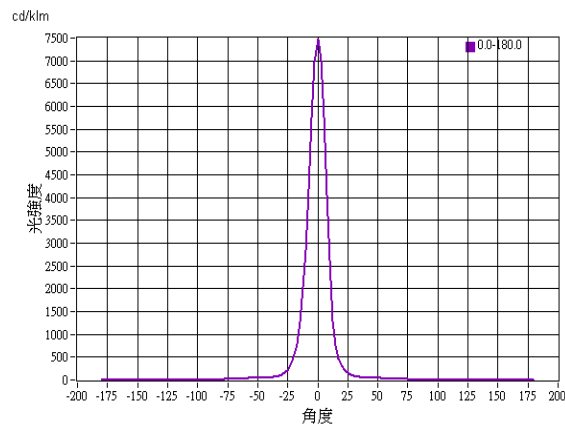




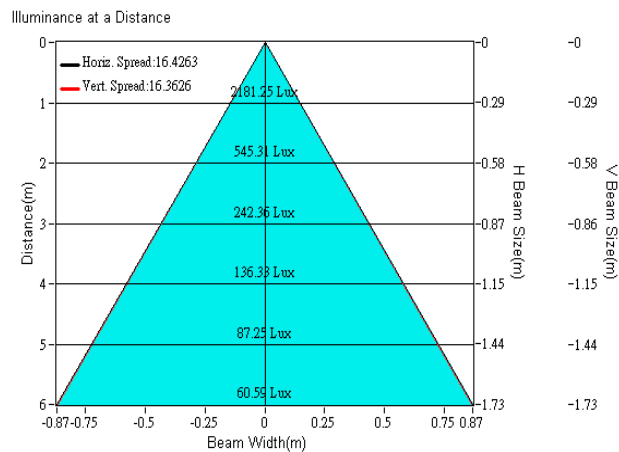
Optical Characteristics

Model Number	CKO-M412-035011-1901	
LED	XB-D	
LES / LED Size	Φ 2.5 x 2.5 mm	
FWHM (D50)	16°	
Field Angle (D10)	33°	
Dimension	Φ =35 mm, Thickness=10.9 mm	
Luminous Flux	292 lm	Measured @ 4.2 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

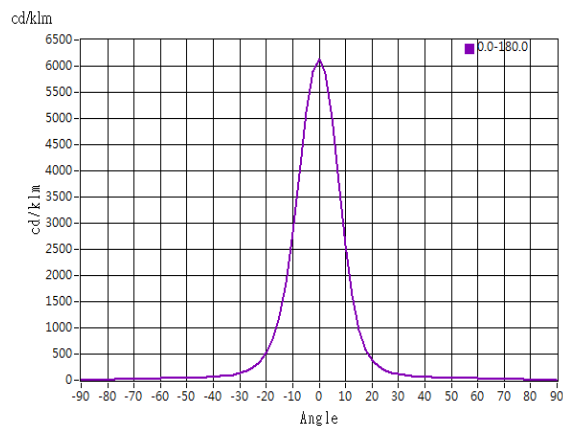




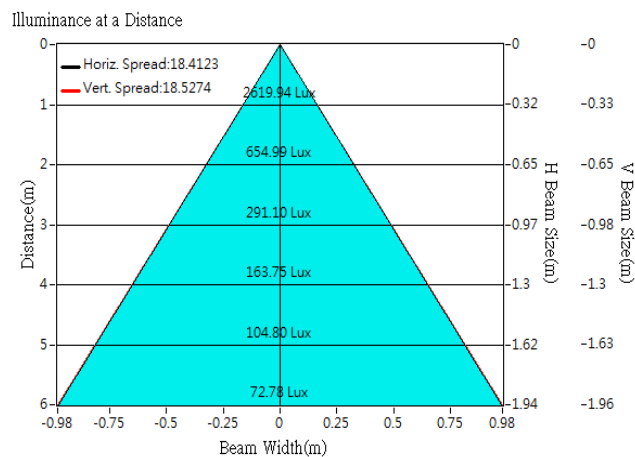
Optical Characteristics

Model Number	CKO-M412-035011-1901	
LED	XB-H	
LES / LED Size	Φ 2.5 x 2.5 mm	
FWHM (D50)	18°	
Field Angle (D10)	36°	
Dimension	Φ =35 mm, Thickness=10.9 mm	
Luminous Flux	426 lm	Measured @ 4 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

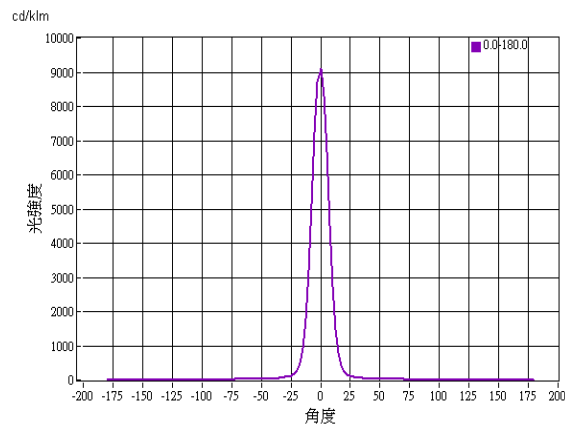




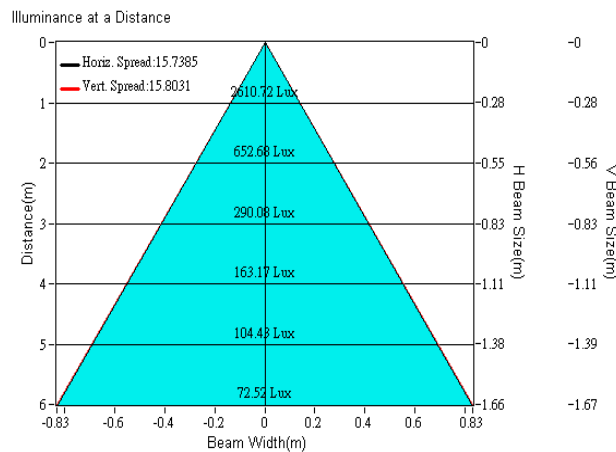
Optical Characteristics

Model Number	CKO-M412-035011-1901	
LED	XP-E	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	15°	
Field Angle (D10)	30°	
Dimension	Φ =35 mm, Thickness=10.9 mm	
Luminous Flux	287 lm	Measured @ 4.1 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

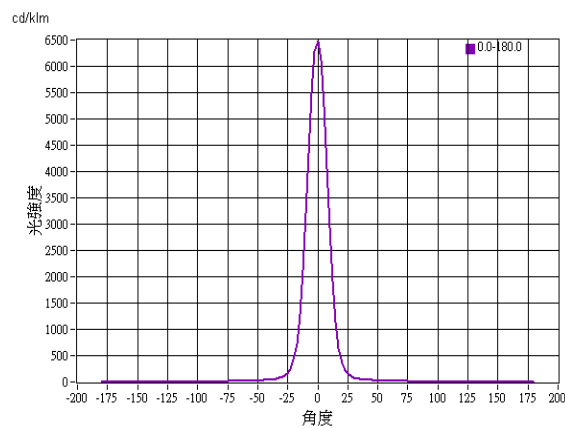




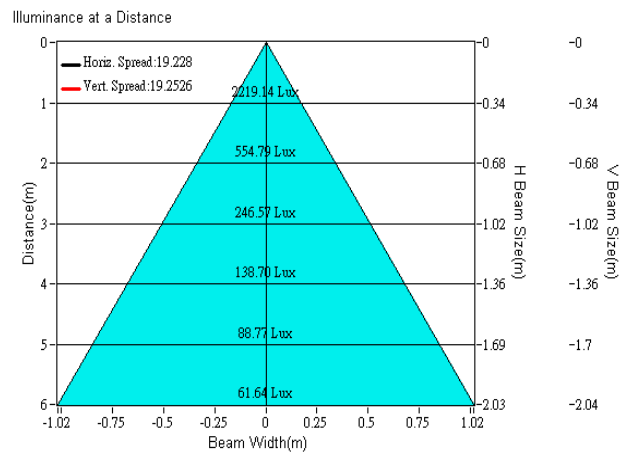
Optical Characteristics

Model Number	CKO-M412-035011-1901	
LED	XP-G	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	19°	
Field Angle (D10)	36°	
Dimension	Φ =35 mm, Thickness=10.9 mm	
Luminous Flux	342 lm	Measured @ 4 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

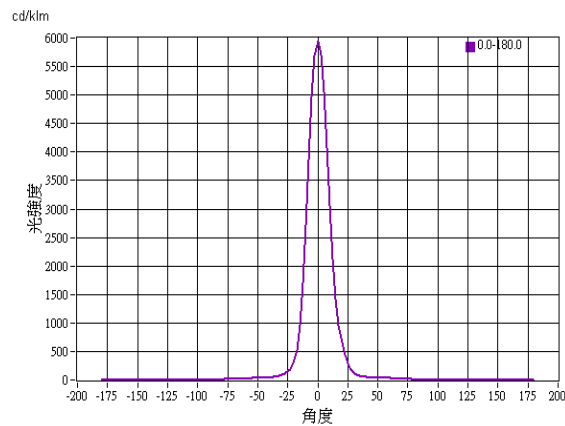




Optical Characteristics

Model Number	CKO-M412-035011-1901	
LED	XP-G2	
LES / LED Size	Φ 3.5 x 3.5 mm	
FWHM (D50)	19°	
Field Angle (D10)	38°	
Dimension	Φ =35 mm, Thickness=10.9 mm	
Luminous Flux	463 lm	Measured @ 4 W
Material	PC / UL94V0	

cd/klm



Illuminance At Distances

