



Product Model Number

CKO-CS17-045021-1304

✓ Model Number Definitions

CKO-XXXX-XXXXXX-XXXX

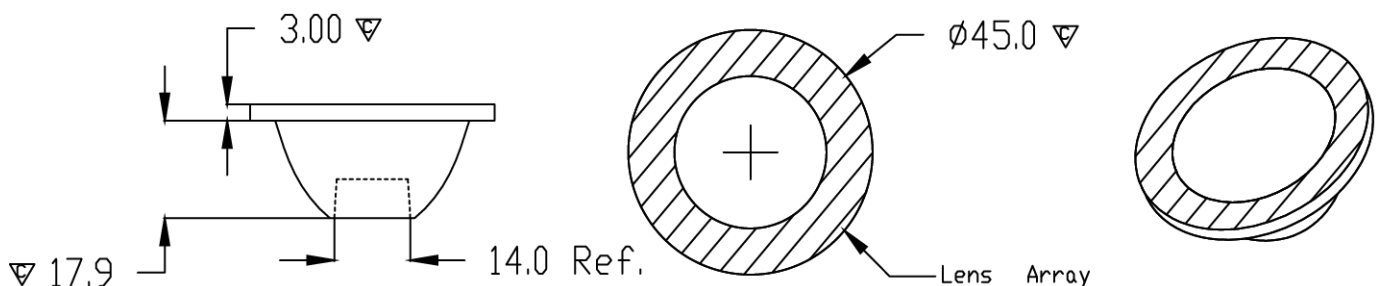


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation
Ex:
CH→CoB High Intensity
CC→CoB Compact
CS→Soft Shading for CoB LED
HC→Holder for CoB LED

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

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

✓ Dimensions (mm) : Φ45 x 20.9



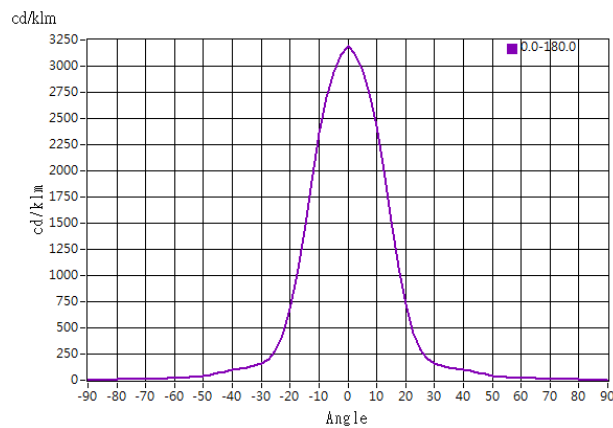
▽:Critical Dimension



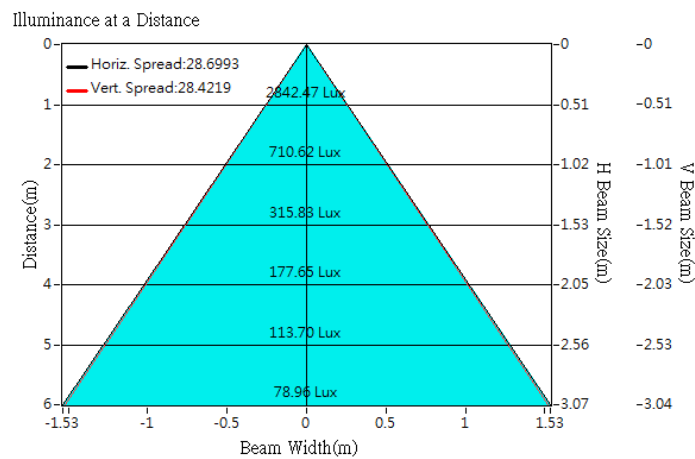
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p>
LED	Fortimo SLM 1202 L06 G7		
LES / LED Size	Φ 6.5 mm		
FWHM (D50)	29°		
Field Angle (D10)	49°		
H (distance)	2.5 mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	892 lm	Measured @ 7 W	
Material	PC / UL94V2		

cd/klm

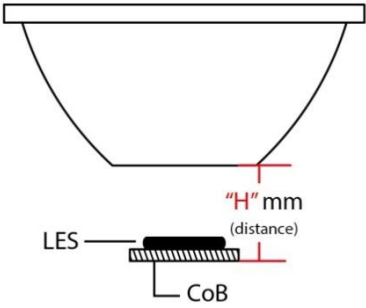


Illuminance At Distances

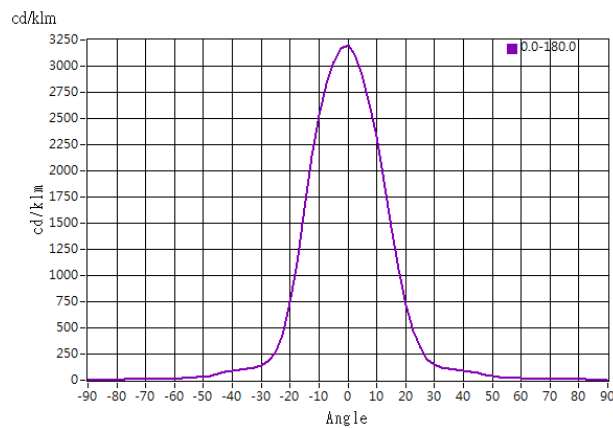




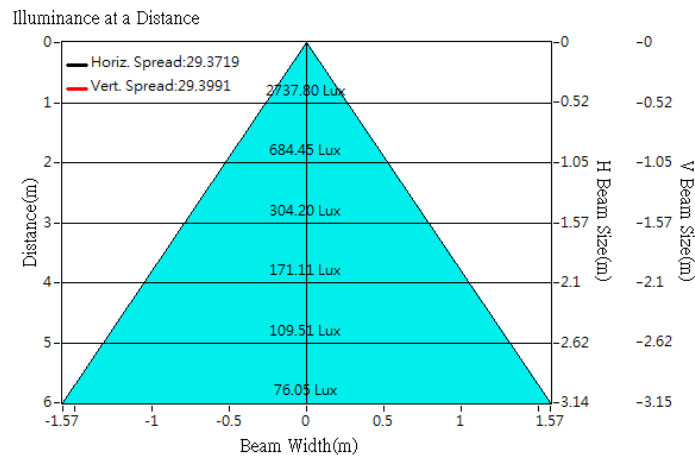
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p> 
LED	Fortimo SLM 1202 L06 G6		
LES / LED Size	Φ 6.5 mm		
FWHM (D50)	29°		
Field Angle (D10)	49°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	856 lm	Measured @ 7.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

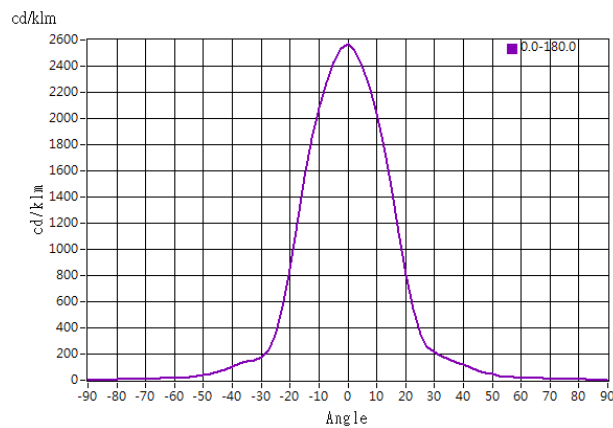




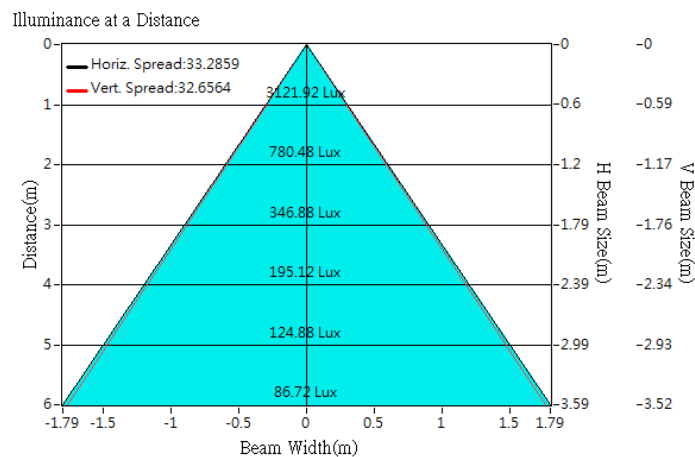
Optical Characteristics

Model Number	CKO-CS17-045021-1304		
LED	Fortimo SLM 1203 L09 G6		
LES / LED Size	Φ 9 mm		
FWHM (D50)	33°		
Field Angle (D10)	54°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1217 lm	Measured @ 10.4 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

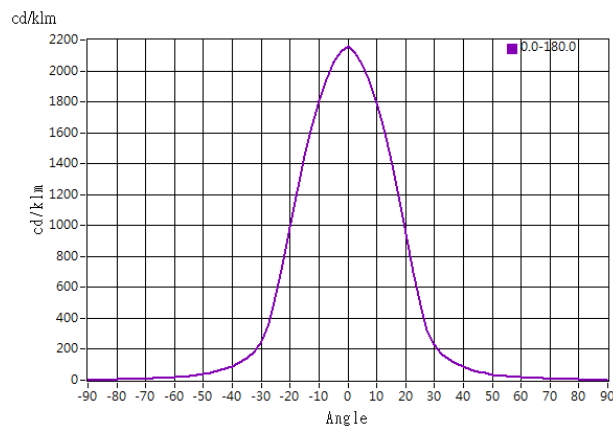




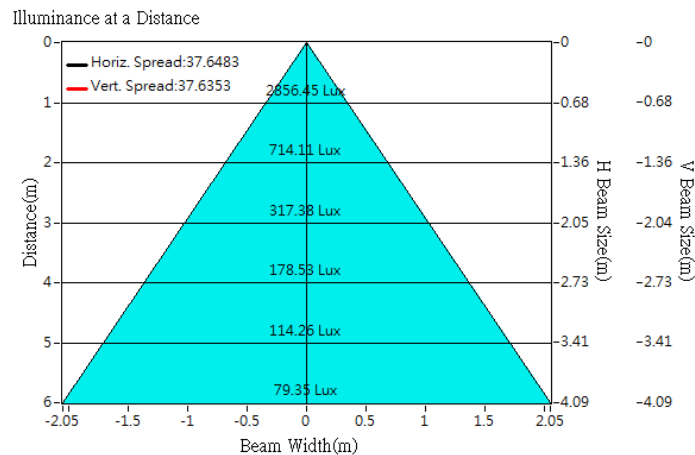
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_DL		
LES / LED Size	Φ 9 mm		
FWHM (D50)	38°		
Field Angle (D10)	62°		
H (distance)	3.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1324 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

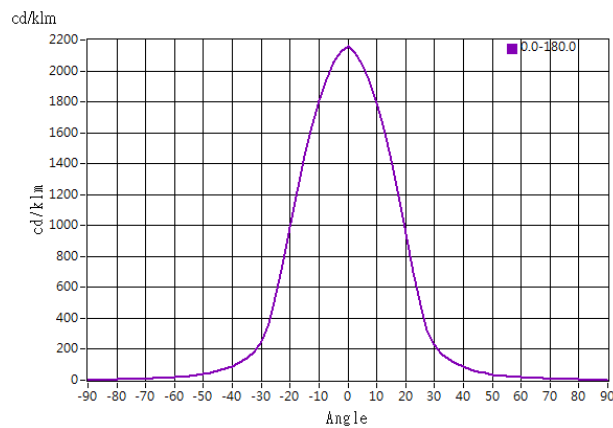




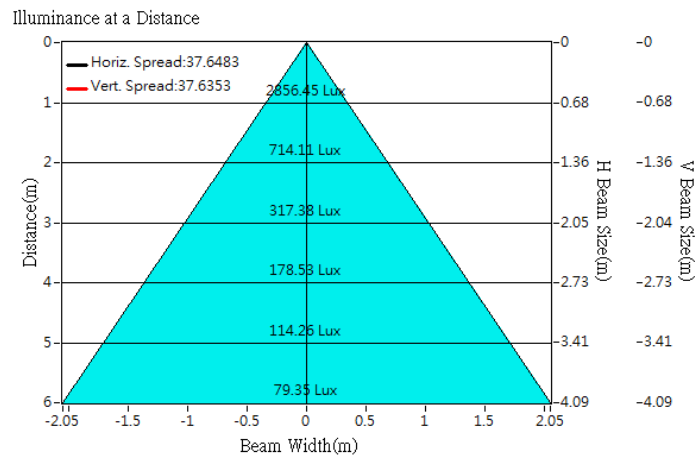
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p>
LED	Fortimo SLM 1203 L09 G6_PI		
LES / LED Size	Φ 9 mm		
FWHM (D50)	38°		
Field Angle (D10)	62°		
H (distance)	3.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1324 lm	Measured @ 10.5 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

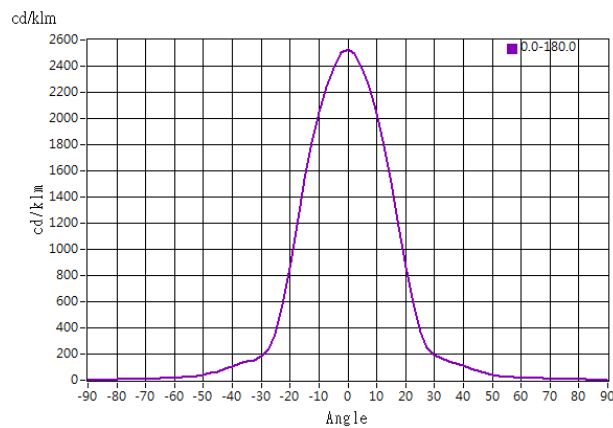




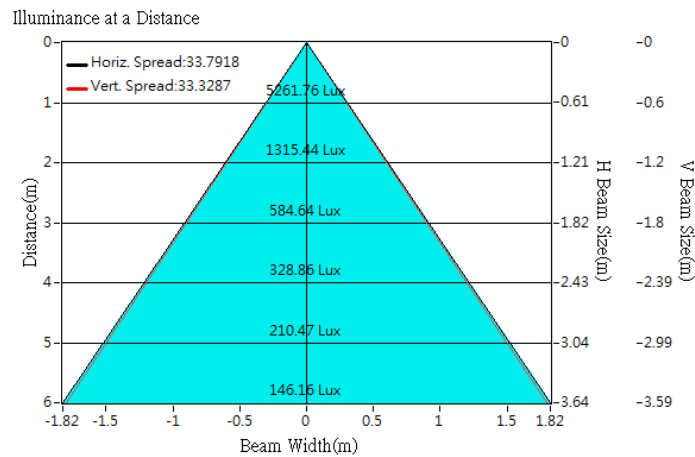
Optical Characteristics

Model Number	CKO-CS17-045021-1304		
LED	Fortimo SLM PW 1204 L09 G7		
LES / LED Size	Φ 9 mm		
FWHM (D50)	34°		
Field Angle (D10)	55°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	2079 lm	Measured @ 21.6 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

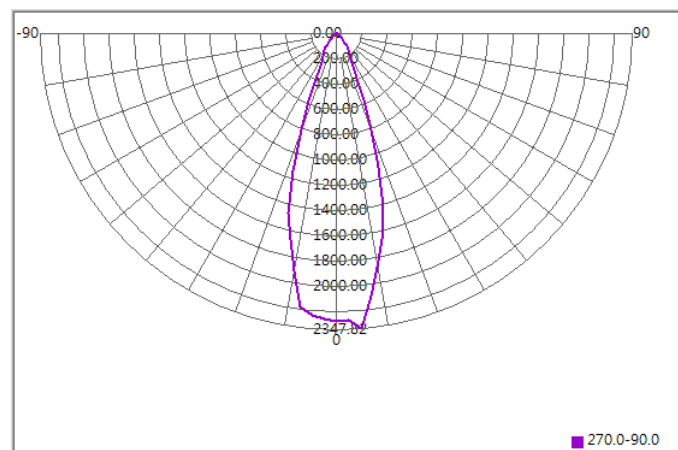




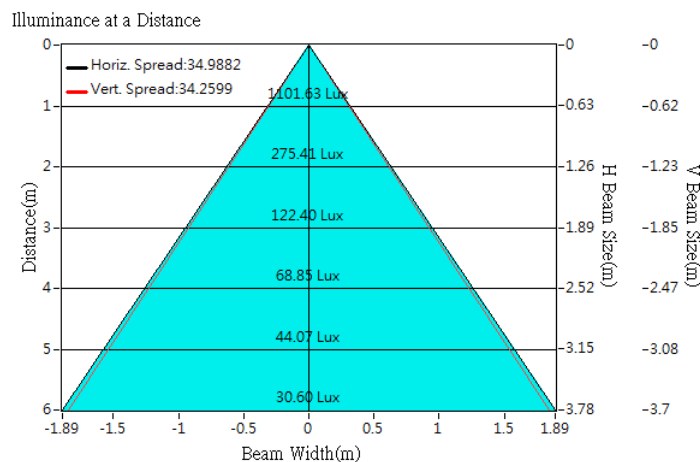
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p>
LED	Fortimo SLM 1201 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	34°		
Field Angle (D10)	59°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	483 lm	Measured @ 3.0 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

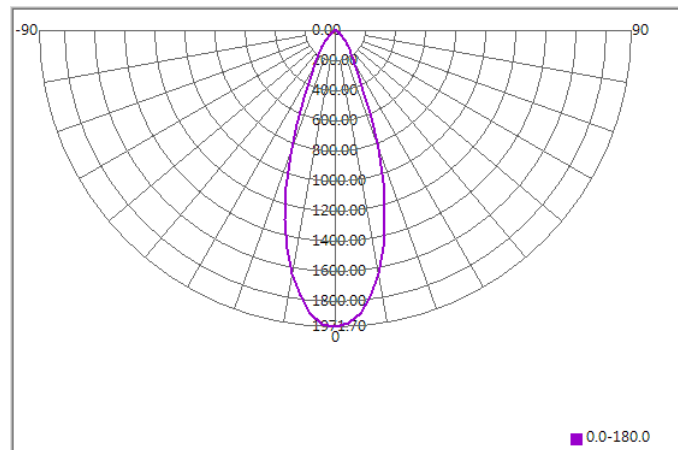




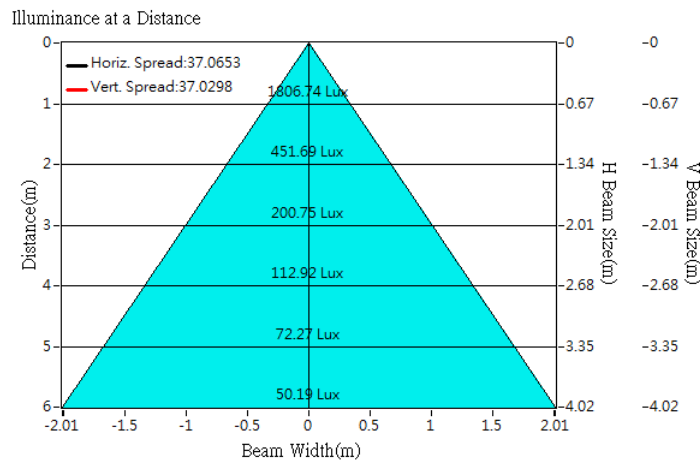
Optical Characteristics

Model Number	CKO-CS17-045021-1304		
LED	Fortimo SLM 1202 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	37°		
Field Angle (D10)	69°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	916 lm	Measured @ 6.1 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

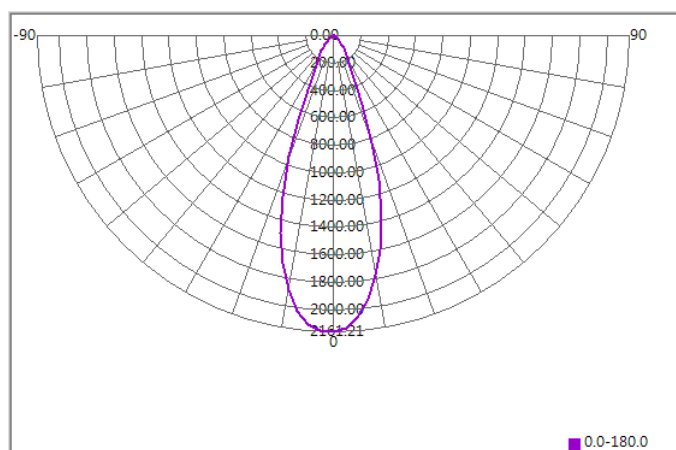




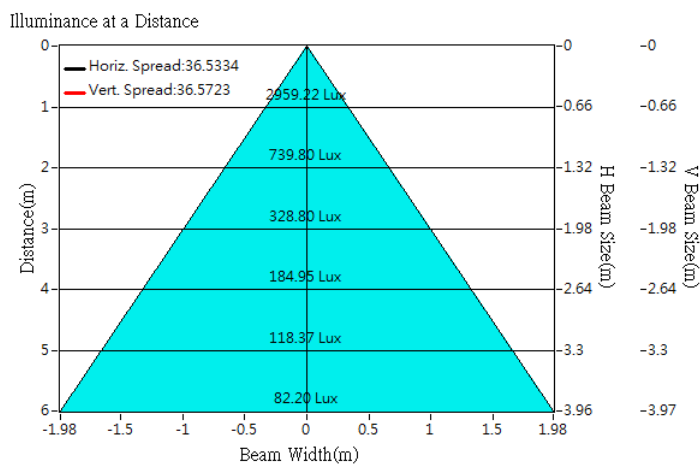
Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p> <p>LES CoB</p>
LED	Fortimo SLM 1203 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	37°		
Field Angle (D10)	62°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1369 lm	Measured @ 9.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

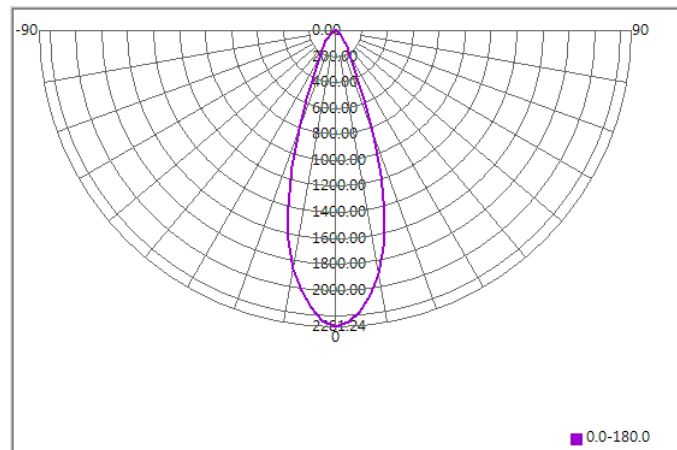




Optical Characteristics

Model Number	CKO-CS17-045021-1304		<p>"H" definition</p>
LED	Fortimo SLM 1204 L09 G7N		
LES / LED Size	Φ 9.8 mm		
FWHM (D50)	35°		
Field Angle (D10)	61°		
H (distance)	2.5mm		
Dimension	Φ =45 mm, Thickness=20.9 mm		
Luminous Flux	1776 lm	Measured @ 12.2 W	
Material	PC / UL94V2		

cd/klm



Illuminance At Distances

