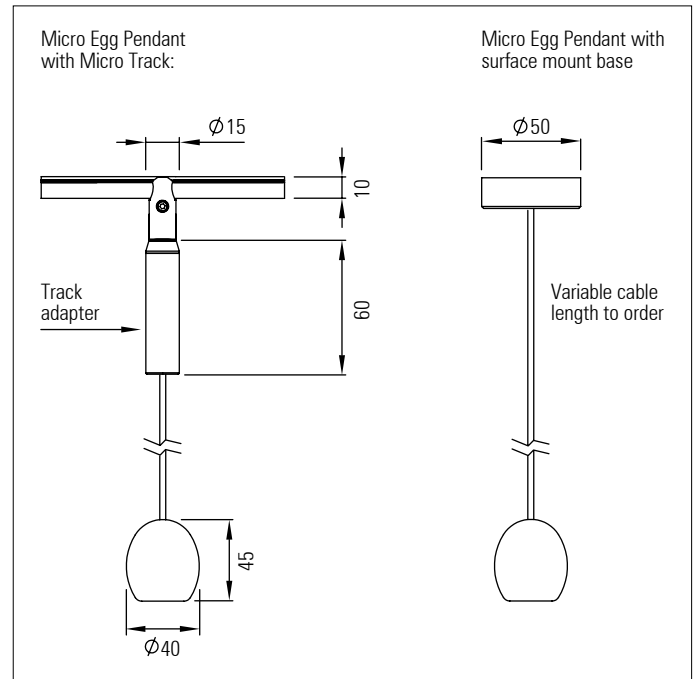


# Micro Pendant System IP20

## Micro Egg Pendant

### Miniature interior 3 Watt LED pendant



#### Micro Egg Pendant

Miniature interior 3 Watt LED pendant

#### Product description:

Miniature pendant designed to be used in a wide variety of hospitality and residential applications where the quality and control of light is of high importance

Each pendant comprises 1 x Cree XPE, XPG or XQE LED or Osram Oslon LED with a Ledil Tina lens. Up to 3 Watts

Wide range of LED colour temperature and CRI options available

Wide range of beam angle options available

The pendant can be suspended from either the Radiant Micro Track, one of the smallest low voltage tracks on the market, or from an individual surface mount base

Any anodized or RAL powder coat finish for the pendant body and surface mount base. The lens-holder allows for the pendant to have a low-glare matt black finish on the interior, whilst having any other finish on the exterior of the body

The Micro Track is available in polished chrome, dark chrome or satin chrome and is available in straight or curved lengths to order - up to 2.5 mtrs

A range of decorative cable options are available

Various dimming options available: 1 - 10, DALI, DMX

Either remote 1A driver, or remote 12 V DC power supply with integral DC to DC dimmable LV constant current driver housed in the track adapter

The light output contains very little heat or UV - ideal for the illumination of sensitive materials

Up to 200 Lumens per pendant

Product Code	IP	LED Type	Colour Temp. (K)	CRI	Optics (°)	Mounting Type	Body & surface mount base finish	Length of cable (mm)	Cable colour
MICRO EGG PENDANT IP20	20	Cree: XPE XPG XQE  Osram: Oslon	27=2,700k 30=3,000k 35=3,500k 40=4,000k 45=4,500k 50=5,000k	Cree: 80 90  Osram: 95	Ledil: Tina2  N, M, W, E, Diffused spot  (See attached Ledil data sheets for details)	Surface - mount base  Micro Track (see Micro Track data sheet for options)  Custom	Anodized: Black White Silver Other colour - options available  Any RAL powder coat	3mm $\phi$ cable:  100mm - 6000mm	Black White Clear Blue Red Grey Green  Other colours on request

## TINA2-RS

~14° spot beam optimized for CREE XP-E.  
Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



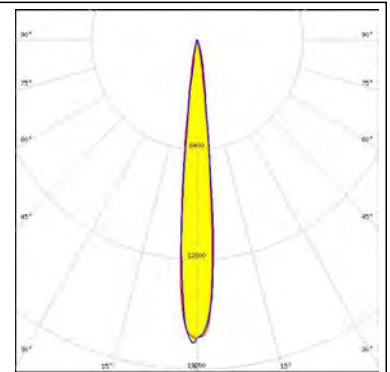
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-RS	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

#### PHOTOMETRIC DATA (MEASURED):

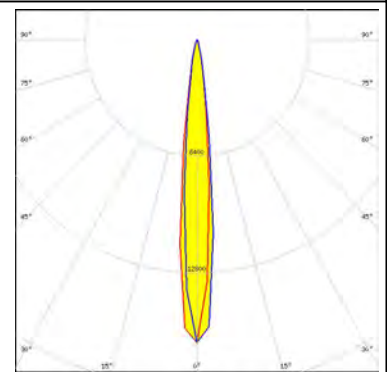
#### CREE

LED XP-E  
 FWHM 11.0°  
 Efficiency 90 %  
 Peak intensity 17.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



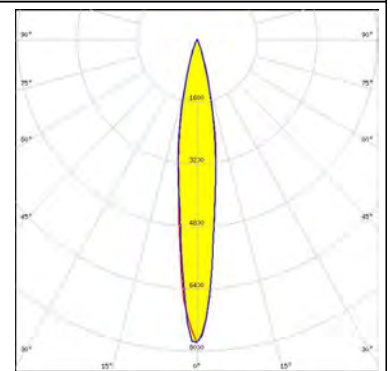
#### CREE

LED XP-E2  
 FWHM 11.0°  
 Efficiency 89 %  
 Peak intensity 16.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



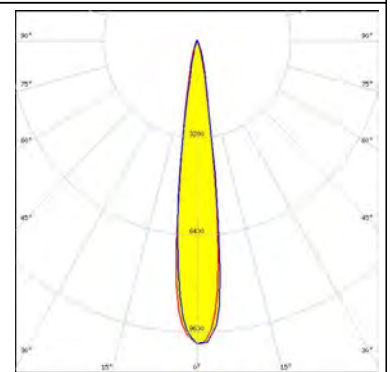
#### CREE

LED XP-G  
 FWHM 15.0°  
 Efficiency 93 %  
 Peak intensity 9.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G2  
 FWHM 15.0°  
 Efficiency 91 %  
 Peak intensity 10.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## TINA2-M

~30° medium beam optimized for CREE XP-E.  
Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



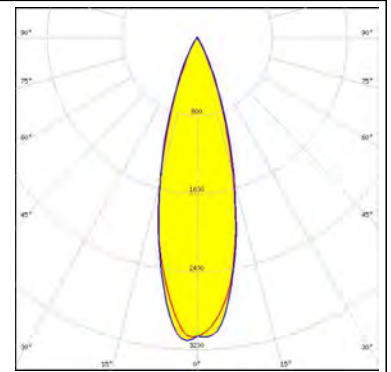
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-M	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

### PHOTOMETRIC DATA (MEASURED):

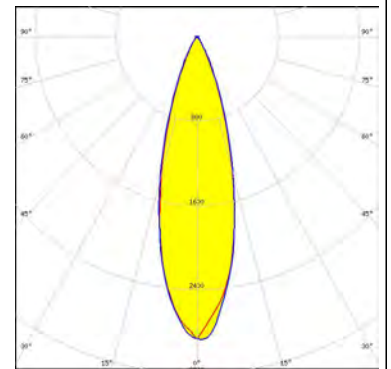
#### CREE

LED XP-E  
FWHM 31.0°  
Efficiency 89 %  
Peak intensity 2.560 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



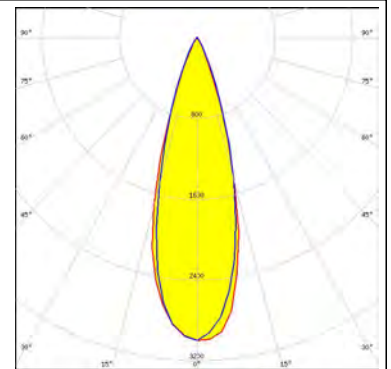
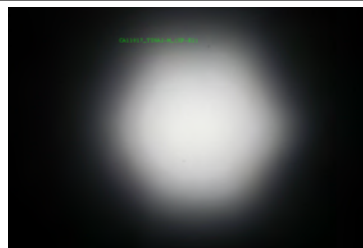
#### CREE

LED XP-E-HEW  
FWHM 30.0°  
Efficiency %  
Peak intensity 2.290 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



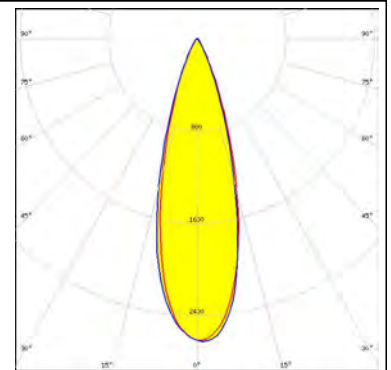
#### CREE

LED XP-E2  
FWHM 32.0°  
Efficiency 86 %  
Peak intensity 3.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE

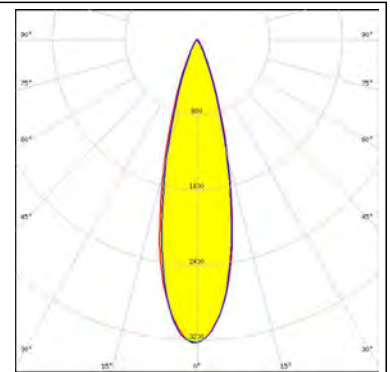
LED XP-G  
FWHM 30.0°  
Efficiency 88 %  
Peak intensity 2.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



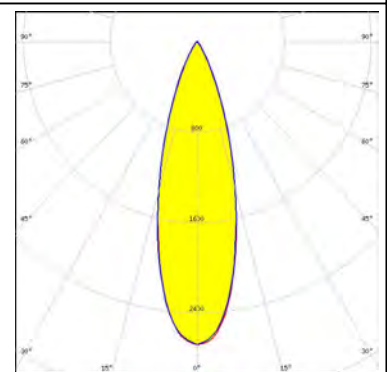
#### PHOTOMETRIC DATA (MEASURED):



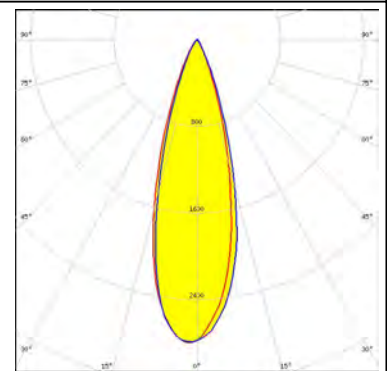
LED XP-G2  
 FWHM 26.0°  
 Efficiency 84 %  
 Peak intensity 3.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



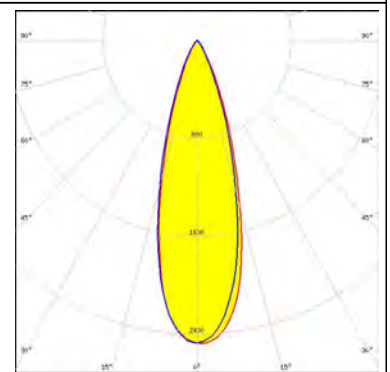
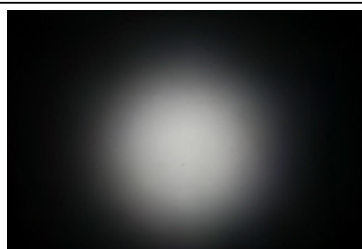
LED XT-E  
 FWHM 31.0°  
 Efficiency 81 %  
 Peak intensity 2.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED H35B0 (LEMWA32)  
 FWHM 30.0°  
 Efficiency 86 %  
 Peak intensity 2.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED H35C0 (LEMWA33)  
 FWHM 30.0°  
 Efficiency 85 %  
 Peak intensity 2.550 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





## TINA2-W

~45° wide beam optimized for CREE XP-E.  
Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.7 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



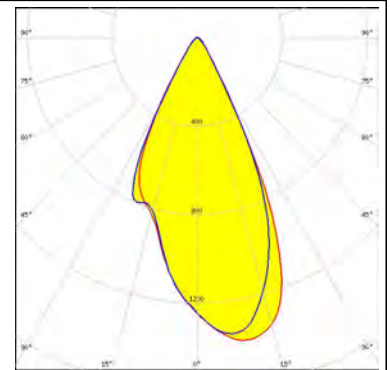
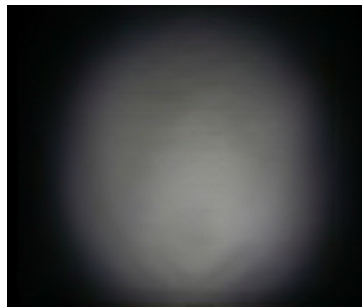
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-W-XP	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

**PHOTOMETRIC DATA (MEASURED):**

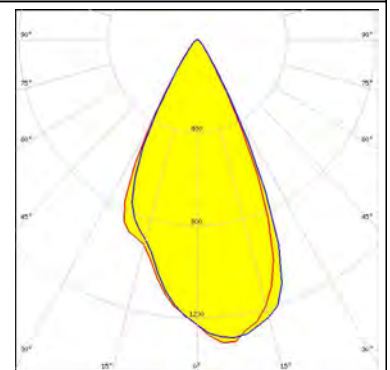
**CREE** ⇄

LED XP-E  
FWHM 50.0°  
Efficiency 88 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



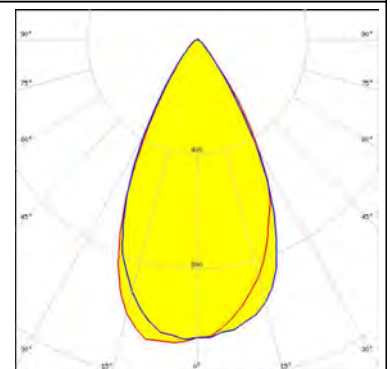
**CREE** ⇄

LED XP-E2  
FWHM 52.0°  
Efficiency 89 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



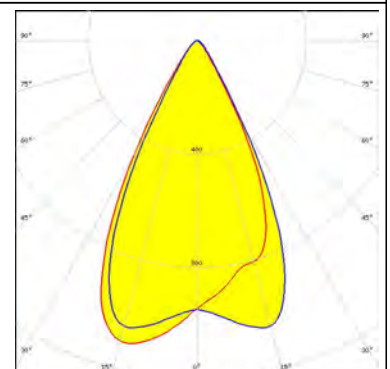
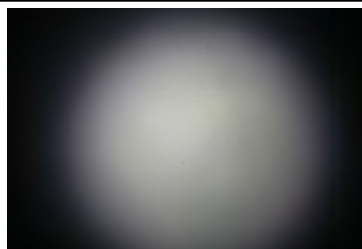
**CREE** ⇄

LED XP-G  
FWHM 57.0°  
Efficiency 88 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** ⇄

LED XP-G2  
FWHM 54.0°  
Efficiency 88 %  
Peak intensity 1.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





## TINA2-O

~35° + 15° oval beam optimized for CREE XP-E.  
Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.3 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



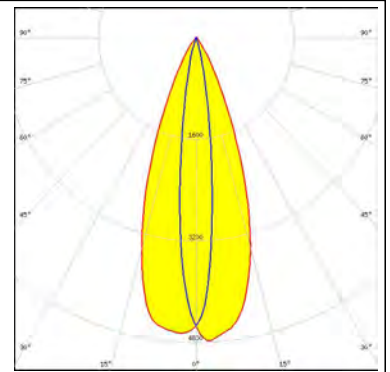
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-O	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

#### PHOTOMETRIC DATA (MEASURED):

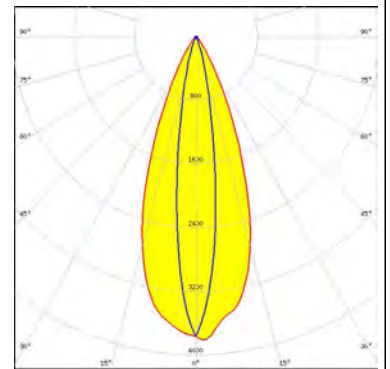
#### CREE

LED XP-E  
 FWHM 32.0 + 14.0°  
 Efficiency 87 %  
 Peak intensity 4.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



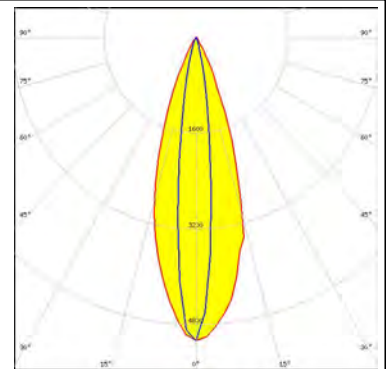
#### CREE

LED XP-E-HEW  
 FWHM 34.0 + 16.0°  
 Efficiency %  
 Peak intensity 3.360 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



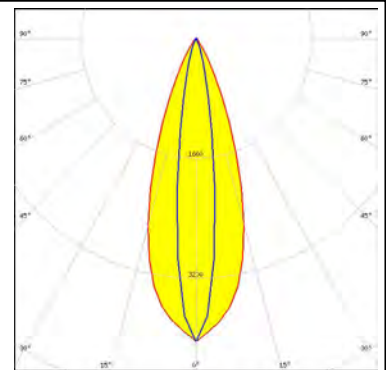
#### CREE

LED XP-E2  
 FWHM 34.0 + 14.0°  
 Efficiency 86 %  
 Peak intensity 5.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

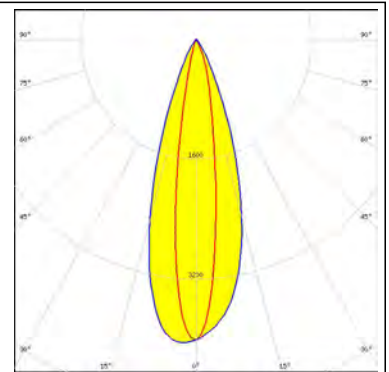
LED XP-G  
 FWHM 35.0 + 16.0°  
 Efficiency 87 %  
 Peak intensity 3.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



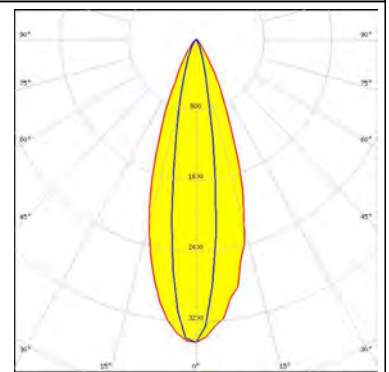
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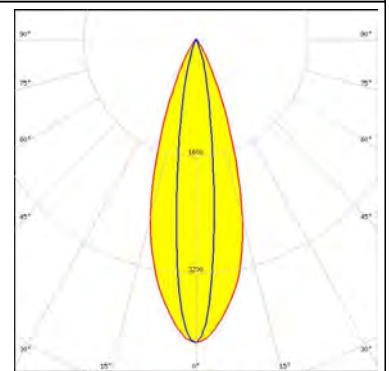
LED XP-G2  
 FWHM 34.0 + 16.0°  
 Efficiency 87 %  
 Peak intensity 4.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



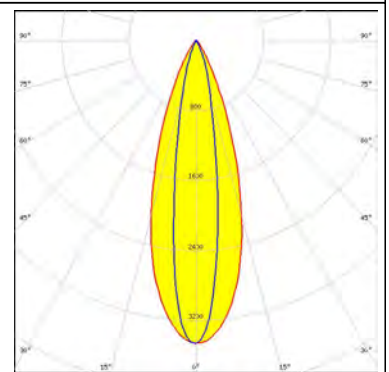
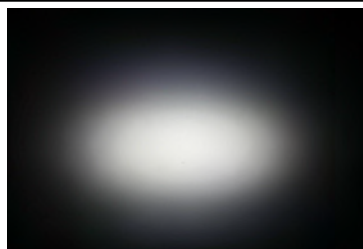
LED XT-E  
 FWHM 35.0 + 16.0°  
 Efficiency 85 %  
 Peak intensity 3.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED H35B0 (LEMWA32)  
 FWHM 35.0 + 15.0°  
 Efficiency 86 %  
 Peak intensity 4.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




LED H35C0 (LEMWA33)  
 FWHM 33.0 + 17.0°  
 Efficiency 86 %  
 Peak intensity 3.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## TINA2-D

~16° diffused spot beam optimized for CREE XP-E. Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.8 kg
Quantity in Box	4140 pcs
ROHS compliant	yes 



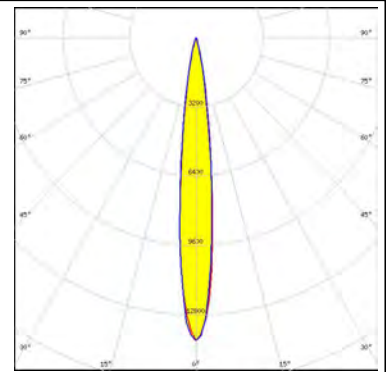
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-D	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black

#### PHOTOMETRIC DATA (MEASURED):

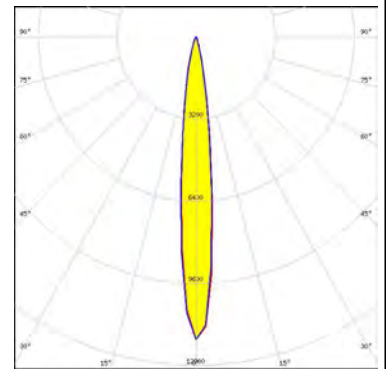
#### CREE

LED XP-E  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 10.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



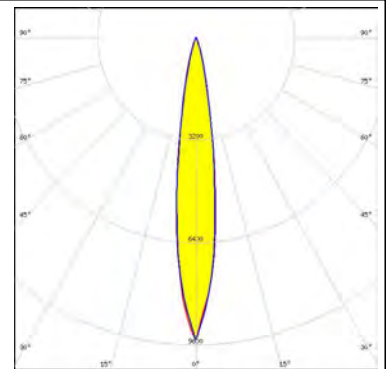
#### CREE

LED XP-E2  
 FWHM 13.0°  
 Efficiency 86 %  
 Peak intensity 11.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G  
 FWHM 17.0°  
 Efficiency 91 %  
 Peak intensity 5.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G2  
 FWHM 15.0°  
 Efficiency 90 %  
 Peak intensity 8.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

