

TINA-RS

~13° spot beam optimized for CREE XP-E.
Assembly with holder and installation tape.

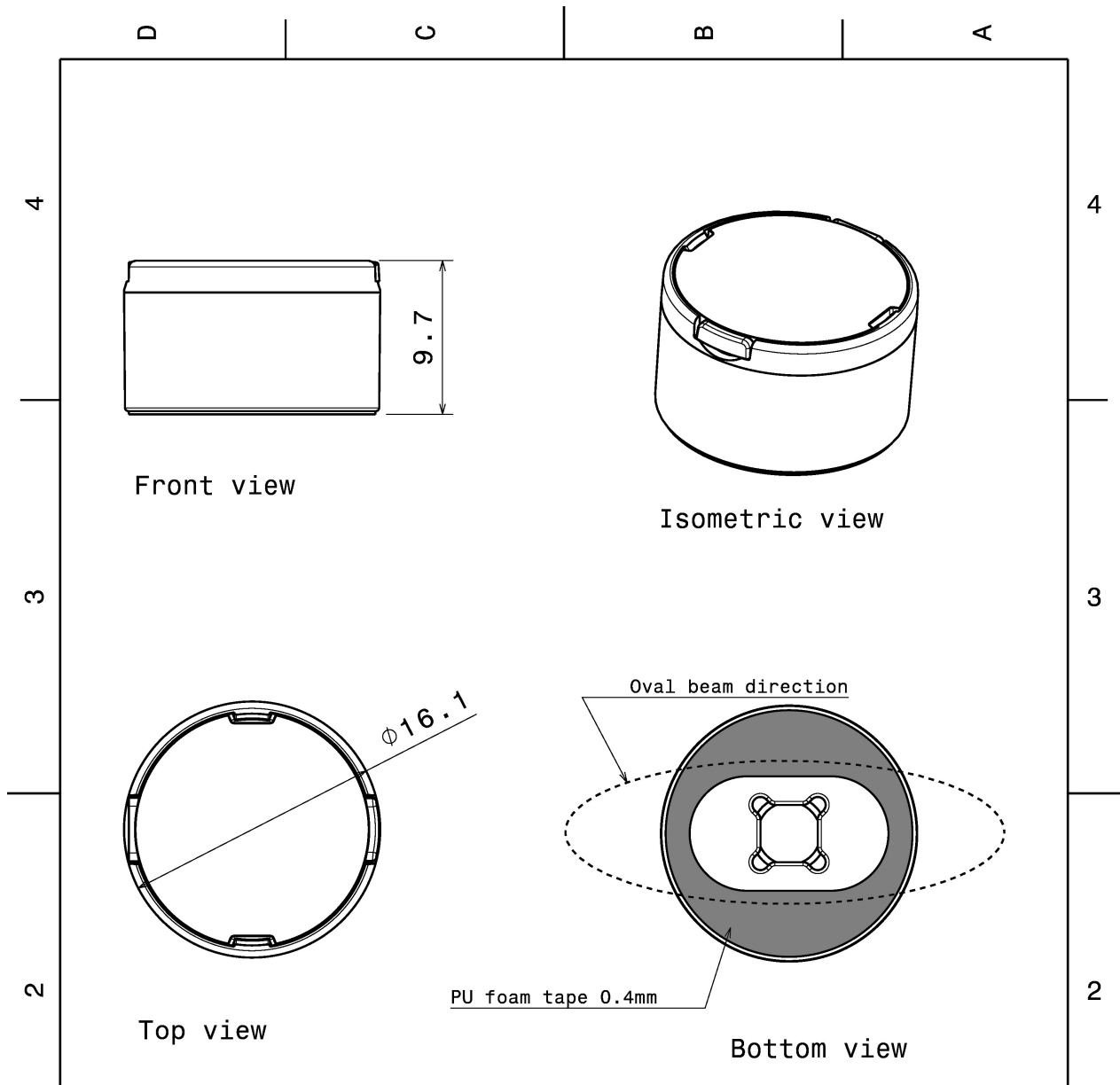
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	4 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-XP-RS	Single lens	PMMA	clear
TINA-XP-H-TAPE-WHT	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	Tina lens	PMMA	
2	-	Tina holder	PC	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

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THIRD ANGLE PROJECTION:

DRAWING TITLE

Tina serie datasheet

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SIZE PART NUMBER

A4

-

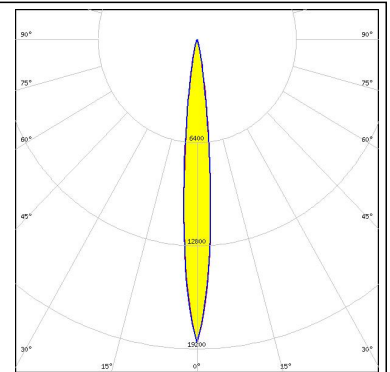
SCALE 1:1 WEIGHT

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

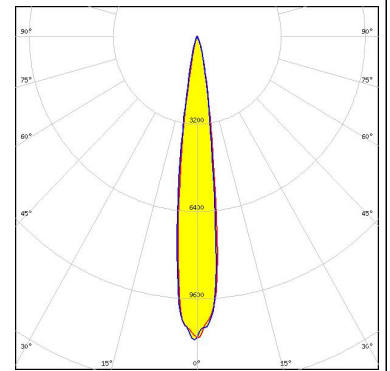
CREE 

LED XP-E
FWHM 10.0°
Efficiency 93 %
Peak intensity 18.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

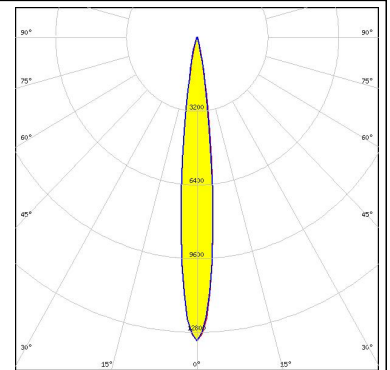
LED XP-G
FWHM 15.0°
Efficiency 94 %
Peak intensity 11.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



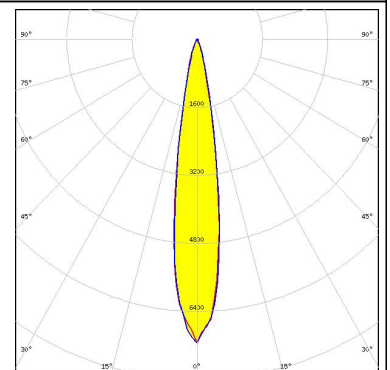
PHOTOMETRIC DATA (SIMULATED):



LED XD16
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 13.170 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 7.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



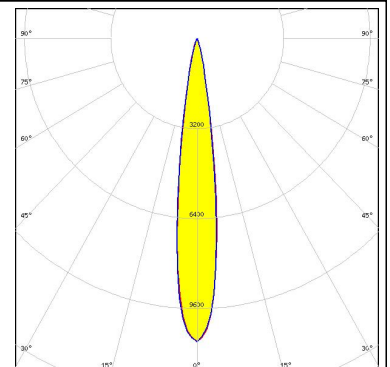
SEOUL SEMICONDUCTOR

LED Z5
 FWHM 11.0°
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 10.790 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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