

TINA-O

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

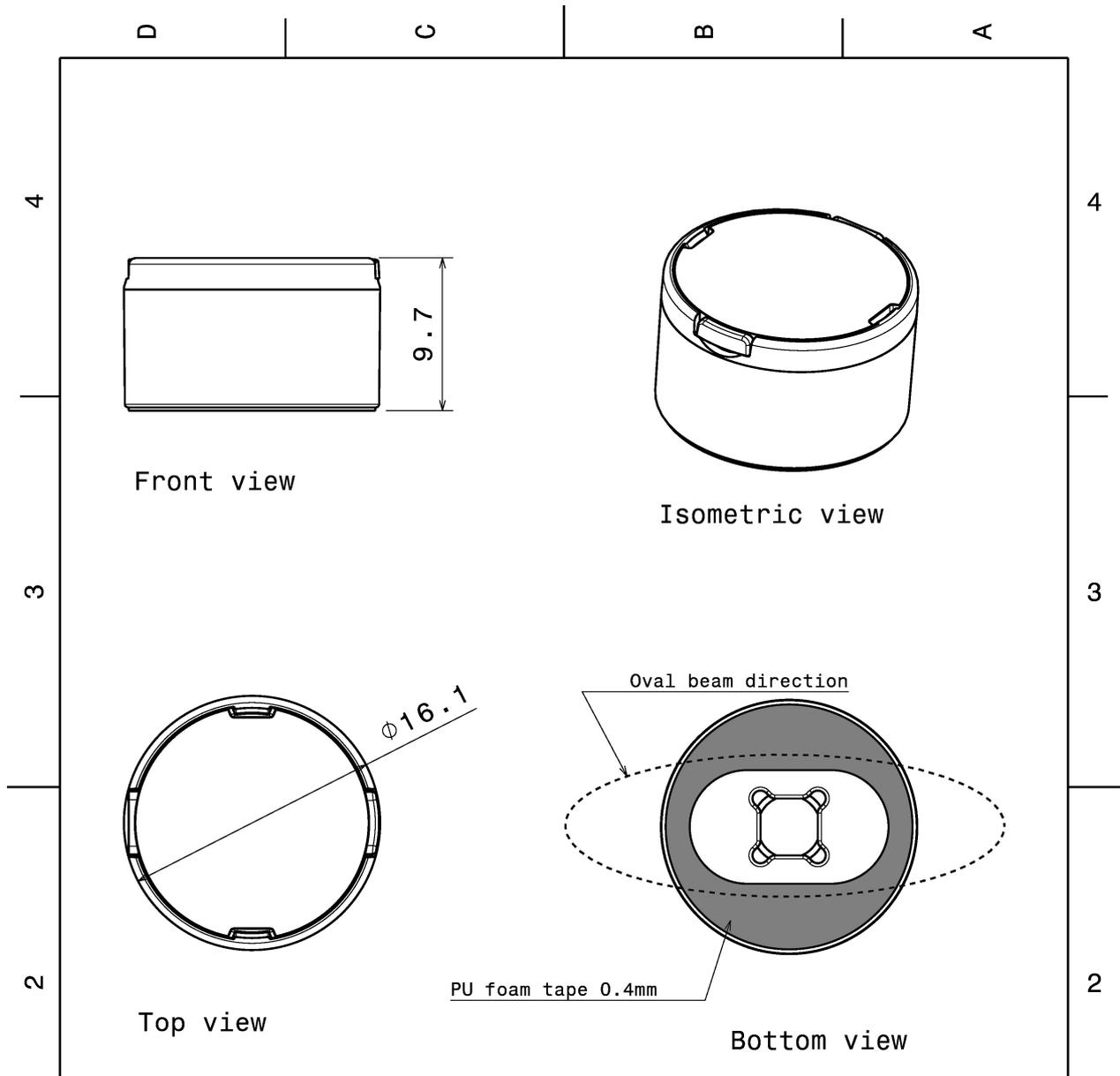
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	3.9 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-XP-O	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

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SCALE 1:1 WEIGHT

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE ⇄

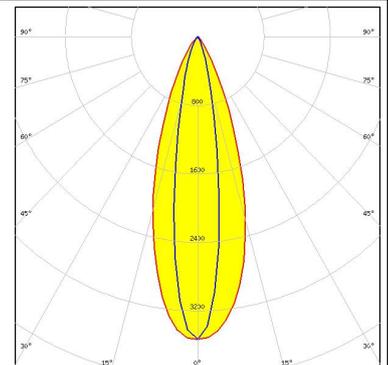
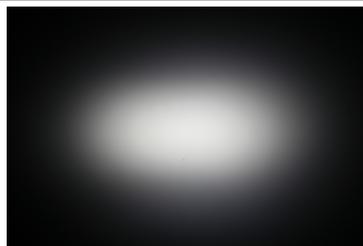
LED XP-E
 FWHM 33.0 + 15.0°
 Efficiency 93 %
 Peak intensity 3.750 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE ⇄

LED XP-G
 FWHM 33.0 + 18.0°
 Efficiency 92 %
 Peak intensity 3.180 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

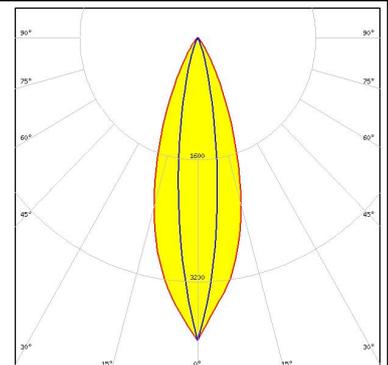
CREE ⇄

LED XP-G2
 FWHM 36.0 + 18.0°
 Efficiency 88 %
 Peak intensity 3.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄

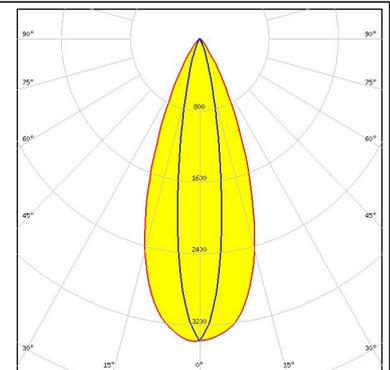
LED XT-E
 FWHM 36.0 + 16.0°
 Efficiency 92 %
 Peak intensity 3.460 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON V2
FWHM 40.0 + 17.0°
Efficiency 93 %
Peak intensity 3.380 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM 20.0 + 38.0°
Efficiency 84 %
Peak intensity 2.710 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 35.0 + 15.0°
Efficiency %
Peak intensity 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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