

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
ROHS compliant	yes ⓘ

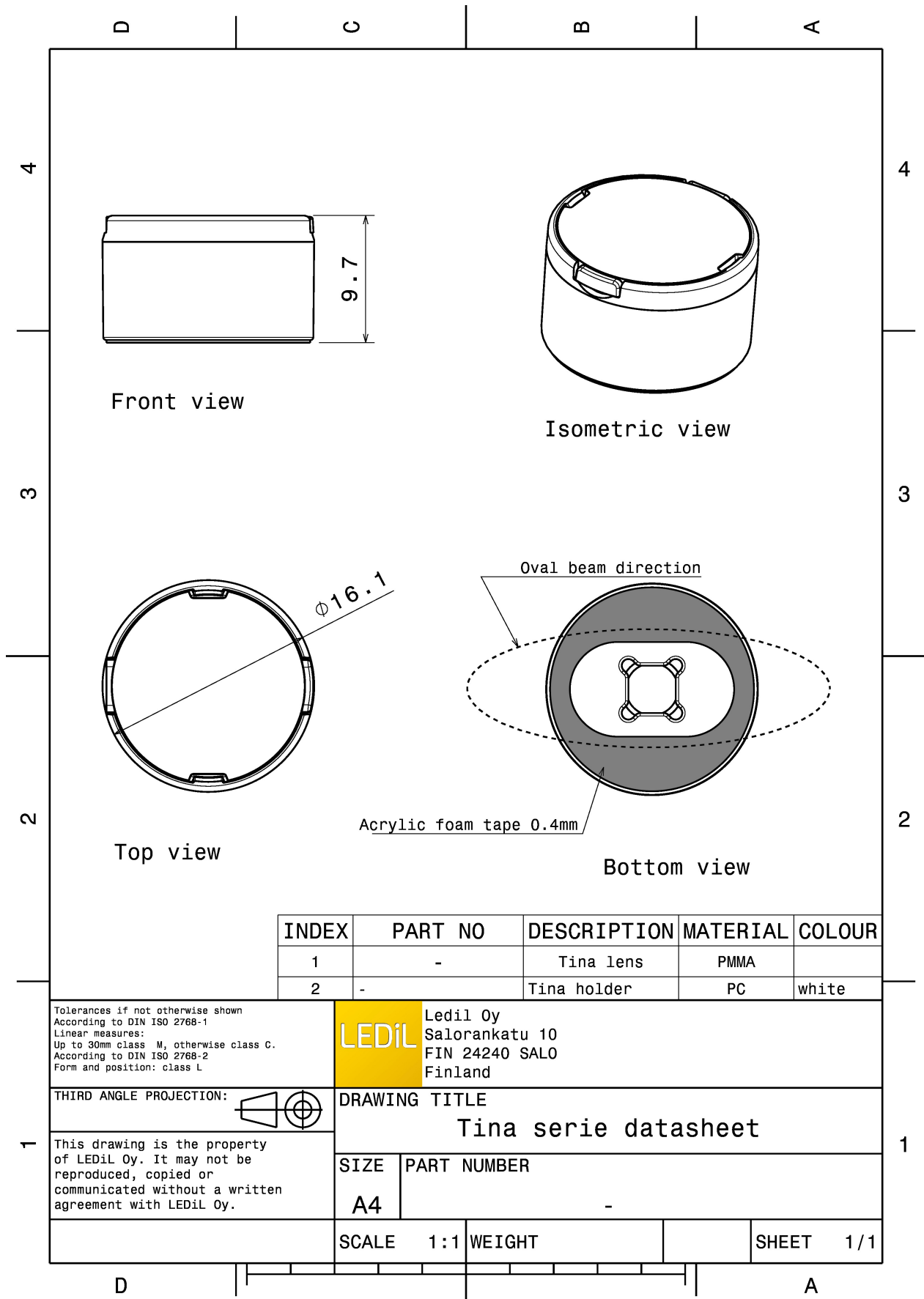


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-XP-O	Single lens	PMMA	clear	
TINA-XP-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11200_TINA-O	Single lens	2016	288	144	3.9
» Box size: 470 x 240 x 105 mm					



See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

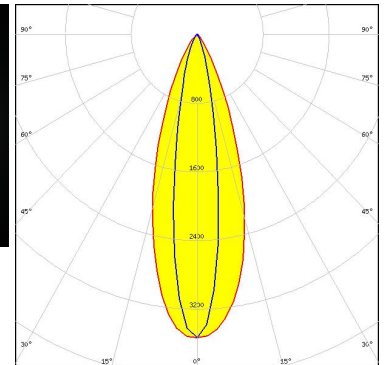
LED XP-E
FWHM / FWTM 33.0 + 15.0° / 61.0 + 33.0°
Efficiency 93 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE LED

LED XP-G
FWHM / FWTM 33.0 + 18.0° / 63.0 + 21.0°
Efficiency 92 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

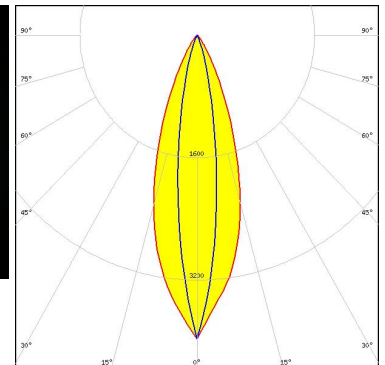
CREE LED

LED XP-G2
FWHM / FWTM 36.0 + 18.0° / 64.0 + 40.0°
Efficiency 88 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

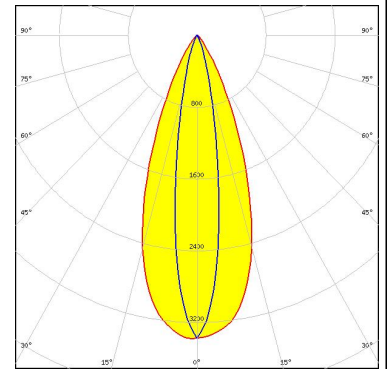
LED XT-E
FWHM / FWTM 36.0 + 16.0° / 63.0 + 36.0°
Efficiency 92 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON V2
FWHM / FWTM 40.0 + 17.0° / 67.0 + 36.0°
Efficiency 93 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

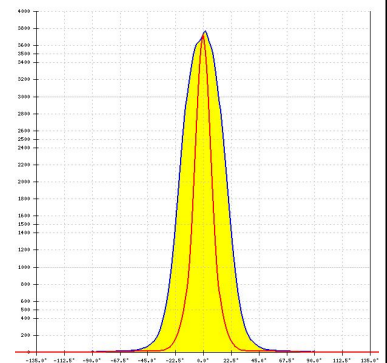


LED NVSW3x9A
FWHM / FWTM 20.0 + 38.0° / 42.0 + 67.0°
Efficiency 84 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



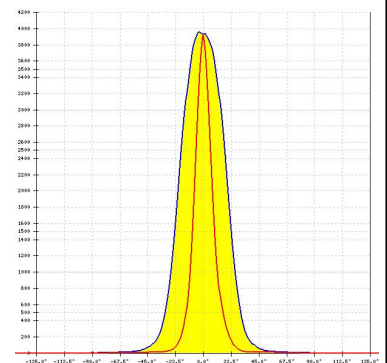
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 40.0 + 16.0° / 66.0 + 34.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 40.0 + 15.0° / 64.0 + 33.0°
Efficiency 94 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	35.0 + 15.0°
Efficiency	%
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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