

TINA-O

~35° x 15° oval beam optimized for LUXEON Rebel. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.4 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

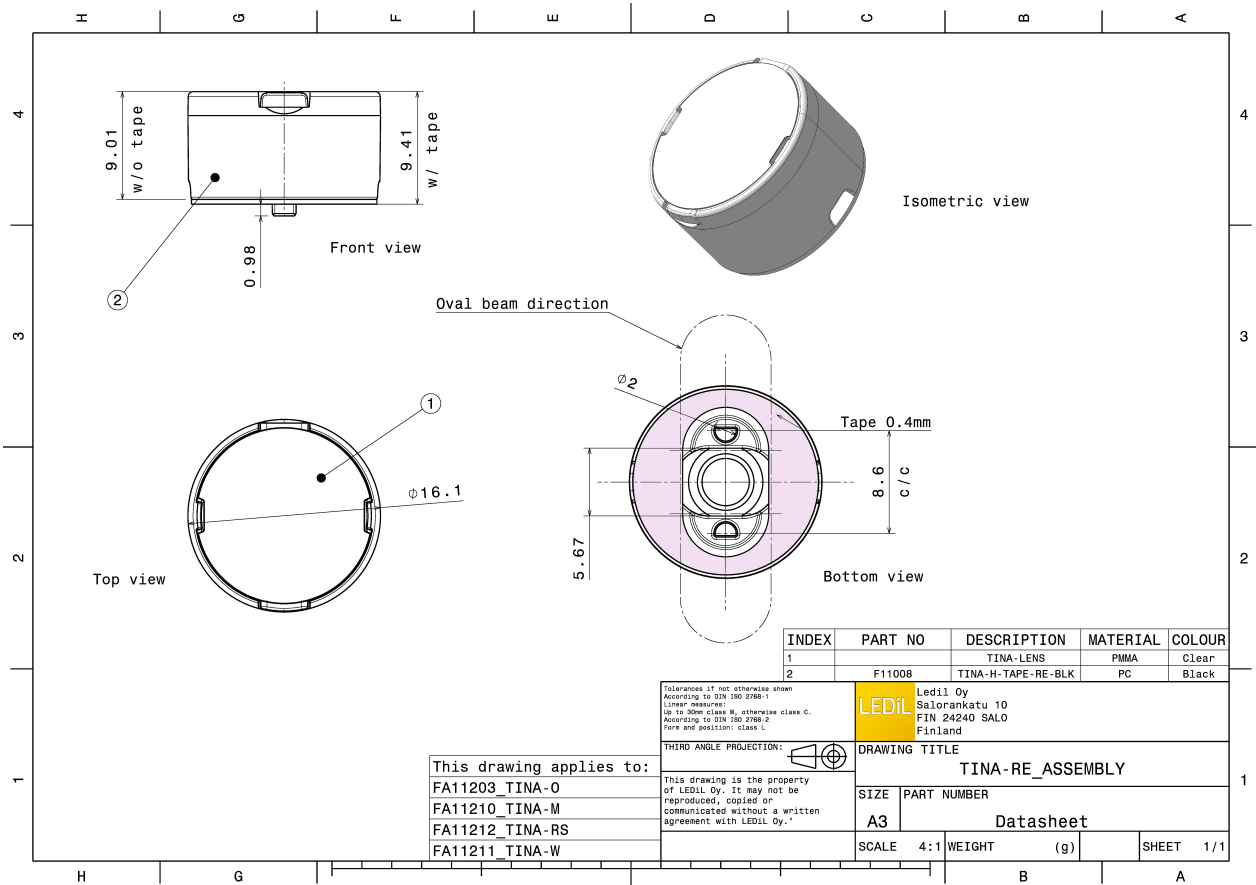
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11203_TINA-O	Single lens	2016	288	144	4.1
» Box size:					

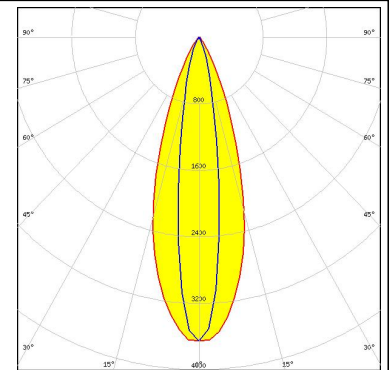
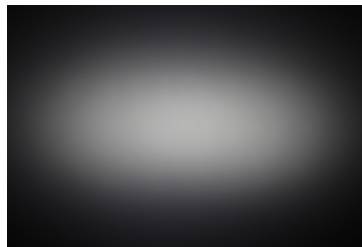




PHOTOMETRIC DATA (MEASURED):



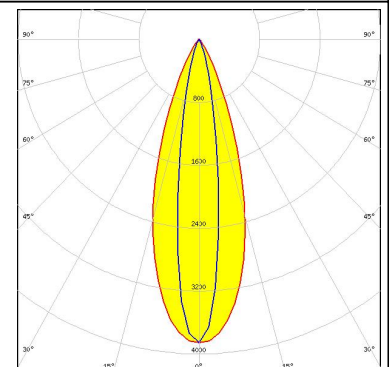
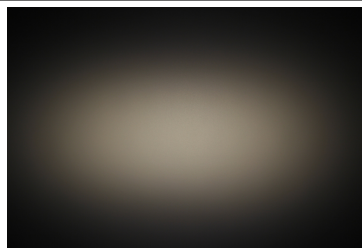
LED XB-H
FWHM 35.0 + 17.0°
Efficiency 83 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



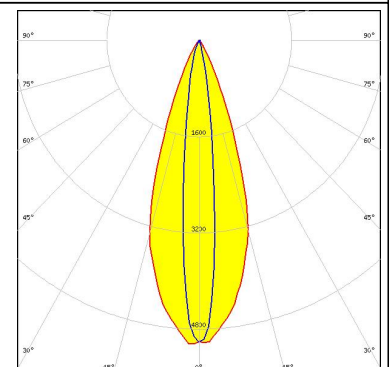
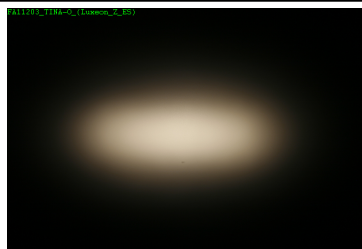
LED LUXEON Rebel
FWHM 34.0 + 18.0°
Efficiency 89 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 36.0 + 17.0°
Efficiency 84 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



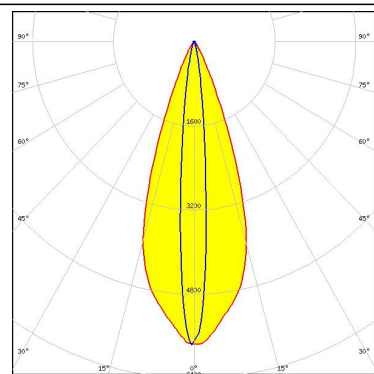
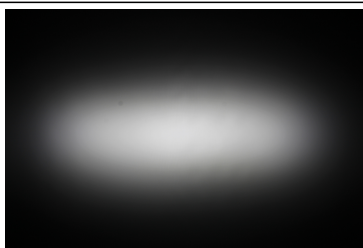
LED LUXEON Z ES
FWHM 36.0 + 13.0°
Efficiency 85 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

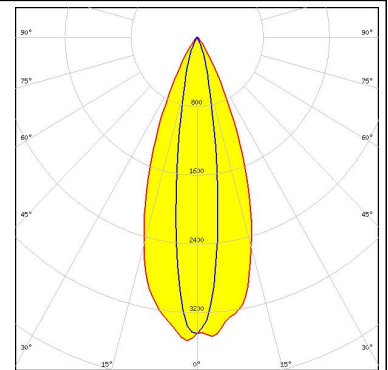
LED OSLON Black Flat
FWHM $37.0 \pm 10.0^\circ$
Efficiency 85 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



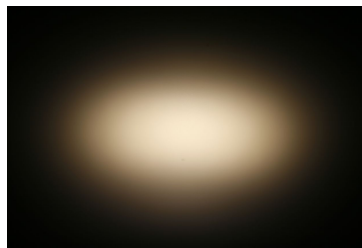
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2
FWHM 16.0 + 40.0°
Efficiency 89 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM 40.0 + 16.0°
Efficiency 89 %
Peak intensity 3.6 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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