

TINA-RS

~13° spot beam optimized for LUXEON Rebel.
Assembly with holder, installation tape and location pins.

SPECIFICATION:

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

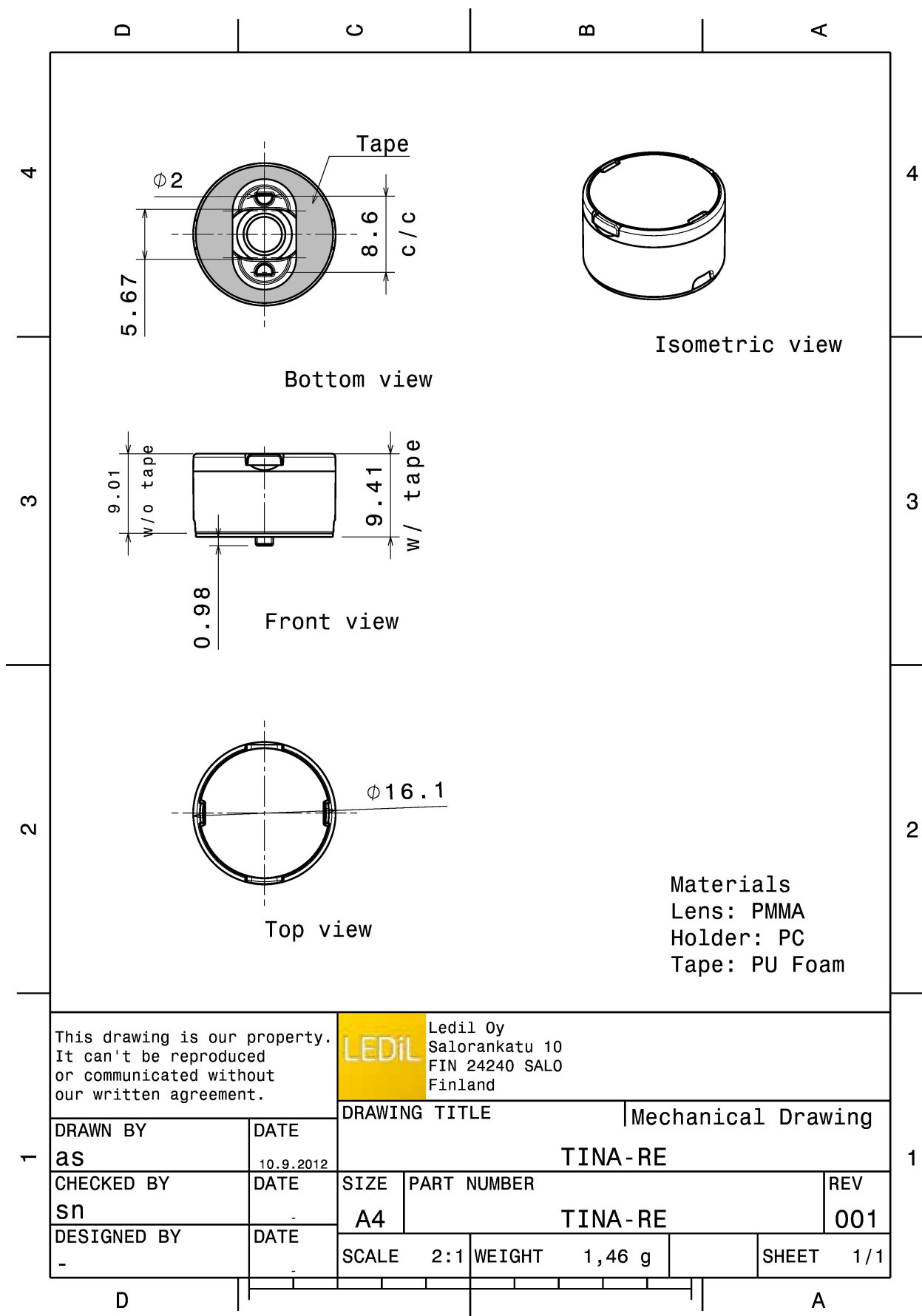


MATERIALS:

Component	Type	Material	Colour	Finish
TINA-XP-RS	Single lens	PMMA	clear	
TINA-H-TAPE-RE-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11212_TINA-RS	Single lens	2016	288	144	4.1
» Box size: 470 x 240 x 105 mm					

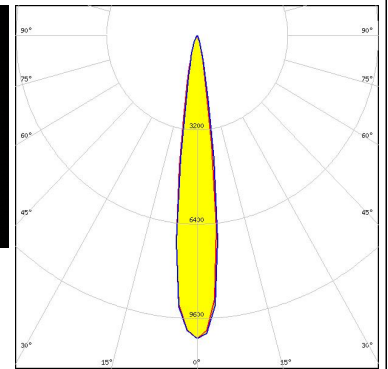
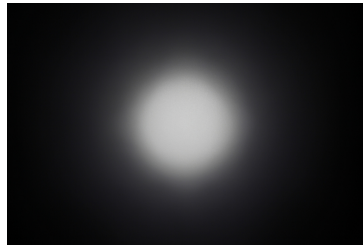


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



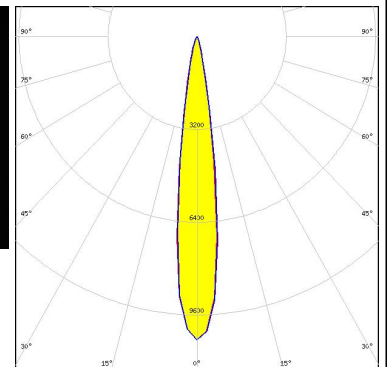
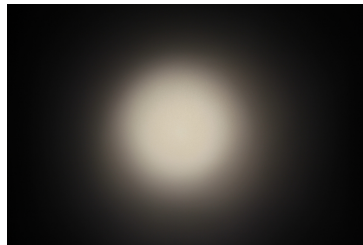
LED XB-H
FWHM / FWTM 15.0° / 26.0°
Efficiency 88 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



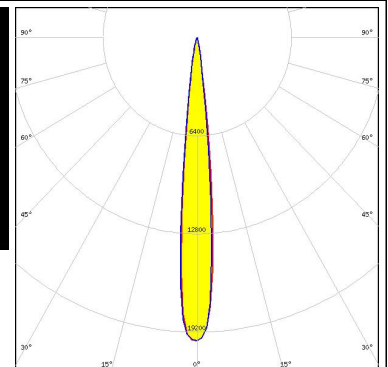
LED LUXEON Rebel
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
Peak intensity 16.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM / FWTM 15.0° / 28.0°
Efficiency 88 %
Peak intensity 10.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



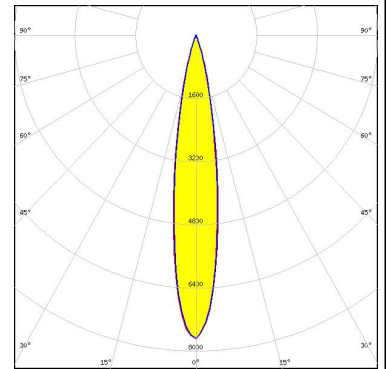
LED LUXEON Z ES
FWHM / FWTM 12.0° / 20.0°
Efficiency 89 %
Peak intensity 19.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



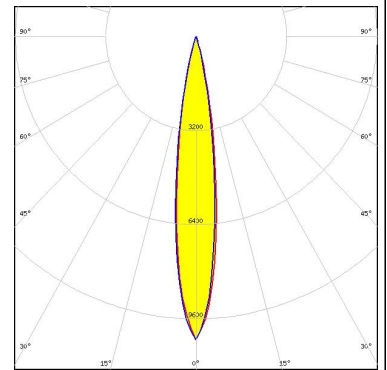
OPTICAL RESULTS (SIMULATED):



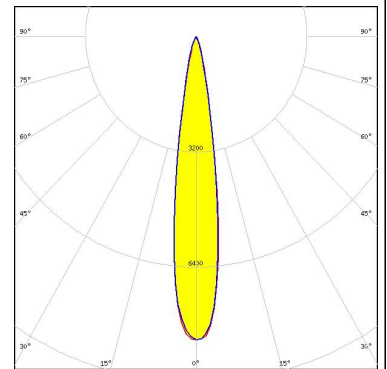
LED XB-D
FWHM / FWTM 18.0° / 34.0°
Efficiency 89 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



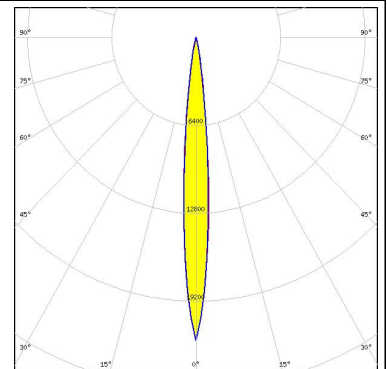
LED LUXEON CZ
FWHM / FWTM 16.0° / 30.0°
Efficiency 92 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



LED LUXEON H50-2
FWHM / FWTM 16.0° / 31.0°
Efficiency 92 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



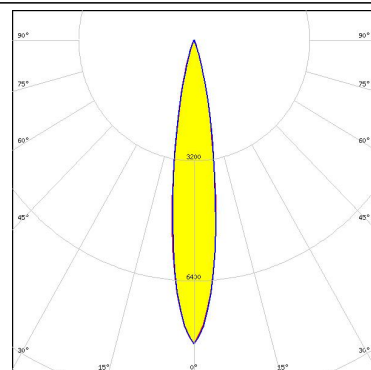
LED LUXEON HL1Z
FWHM / FWTM 10.0° / 20.0°
Efficiency 90 %
Peak intensity 22.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2Z
FWHM / FWTM 16.0° / 33.0°
Efficiency 91 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM / FWTM 16.0° / 30.0°
Efficiency 92 %
Peak intensity 8.8 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:

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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