

TINA-M

~30° medium beam optimized for LUXEON Rebel. Assembly with holder, installation tape and location pins.

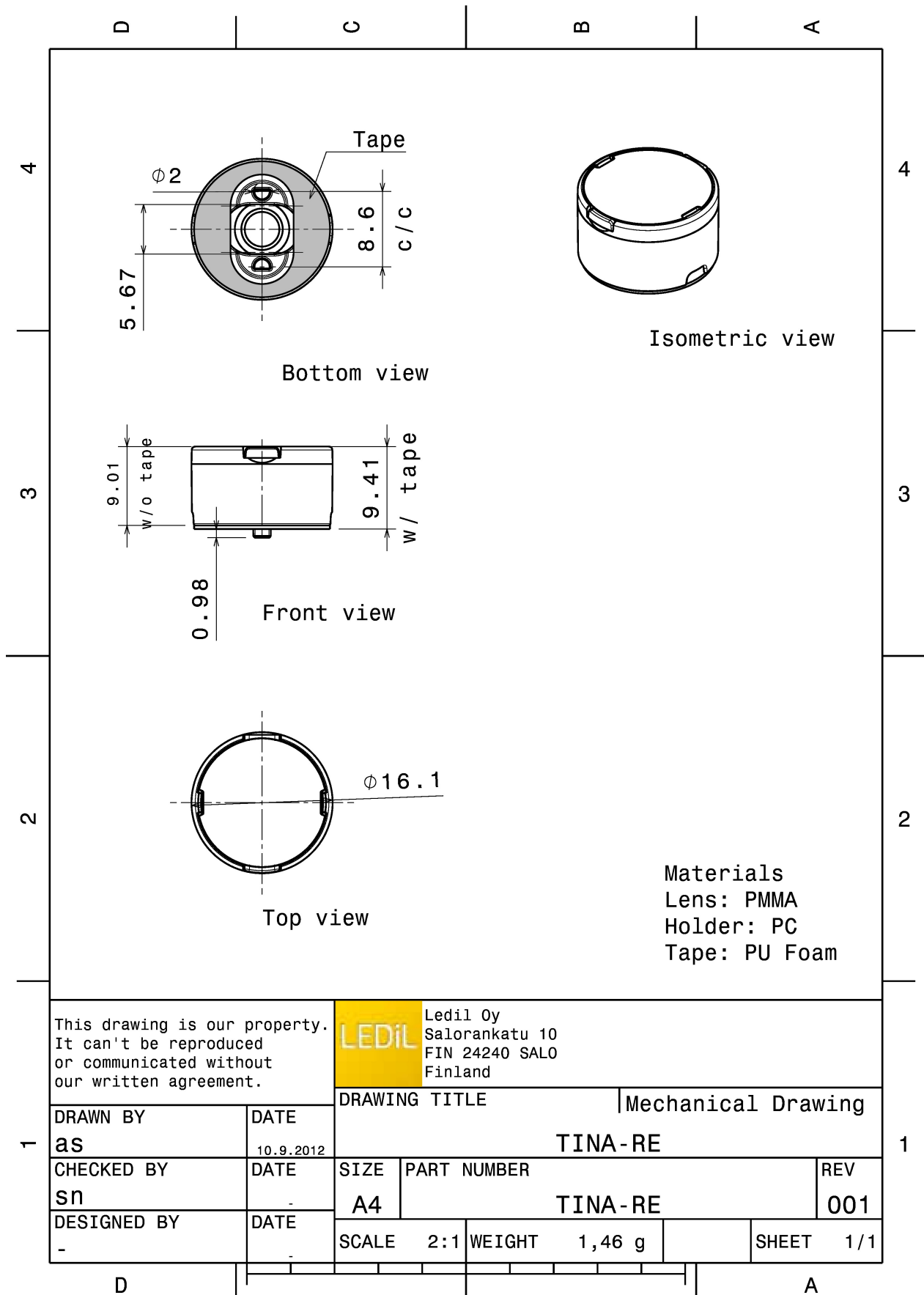
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.4 mm
Fastening	tape, pin
Colour	black
Box size	
Box weight	4.1 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

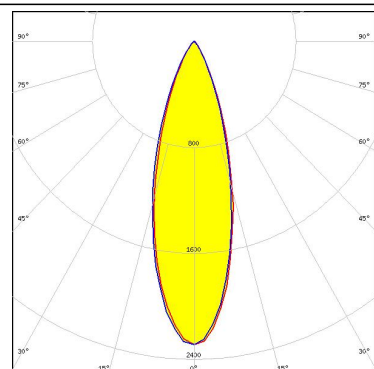
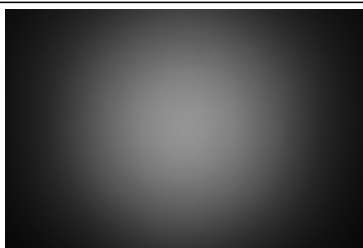
Component	Type	Material	Colour
TINA-M	Single lens	PMMA	clear
TINA-H-TAPE-RE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):



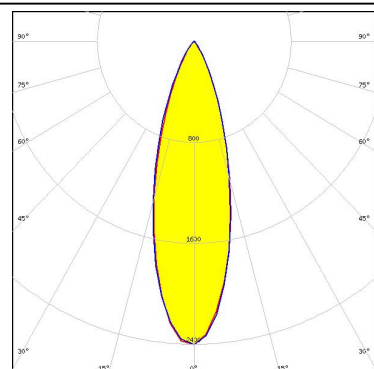
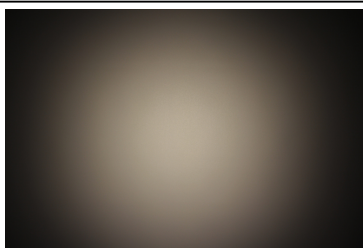
LED XB-H
FWHM 30.0°
Efficiency 81 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



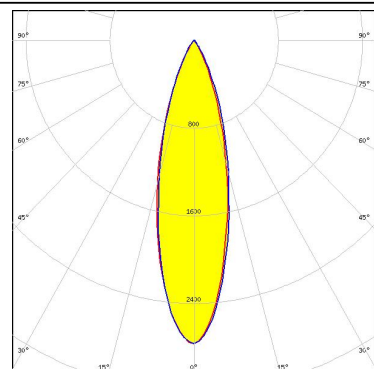
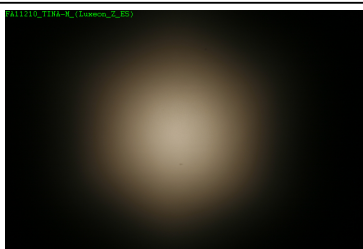
LED LUXEON Rebel
FWHM 28.0°
Efficiency 83 %
Peak intensity 1.760 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON TX
FWHM 31.0°
Efficiency 82 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



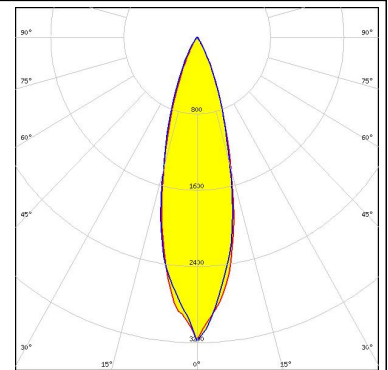
LED LUXEON Z ES
FWHM 29.0°
Efficiency 84 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED LUXEON H50-2
FWHM 28.0°
Efficiency 90 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM 30.0°
Efficiency 90 %
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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