

TINA-RS

~13° spot beam. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

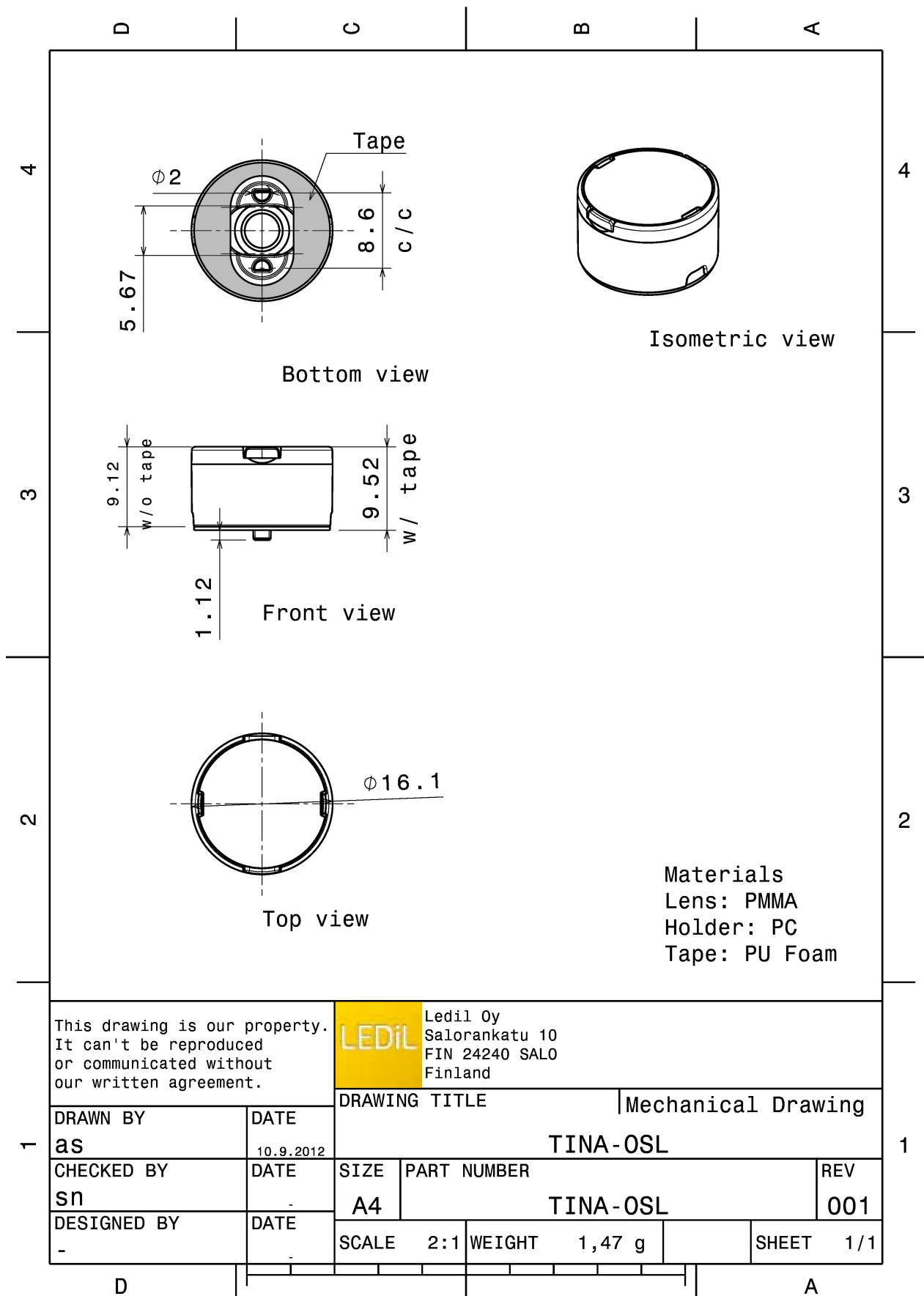
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-XP-RS	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11208_TINA-RS	Single lens	2016	288	144	4.1
» Box size: 470 x 240 x 105 mm					

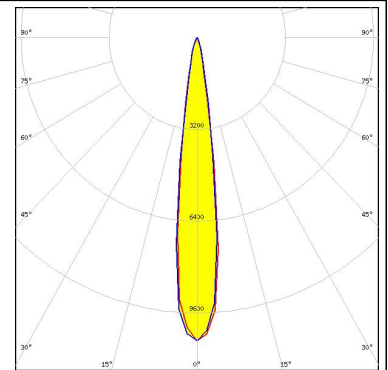
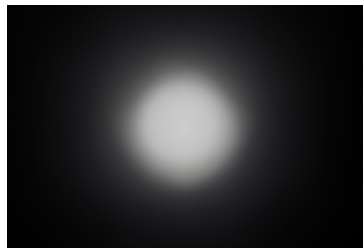




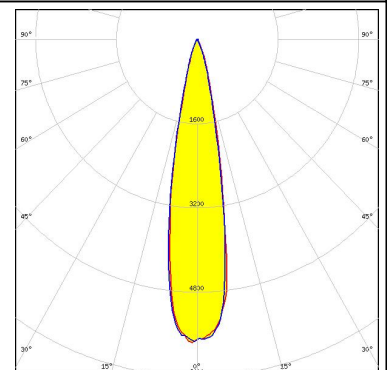
PHOTOMETRIC DATA (MEASURED):



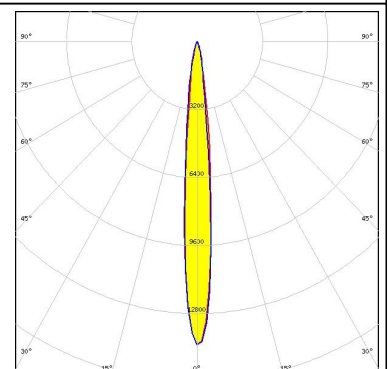
LED XB-H
FWHM 15.0°
Efficiency 88 %
Peak intensity 10.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM 20.0°
Efficiency 88 %
Peak intensity 5.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM SSL 80
FWHM 11.0°
Efficiency 90 %
Peak intensity 14.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4715S
FWHM 15.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED SFH 4725S
FWHM 10.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

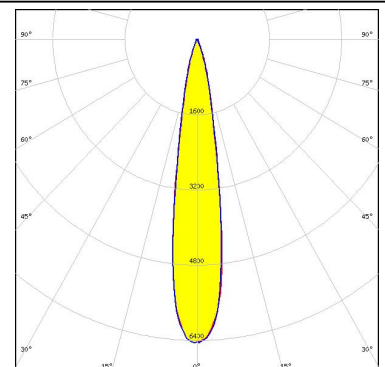
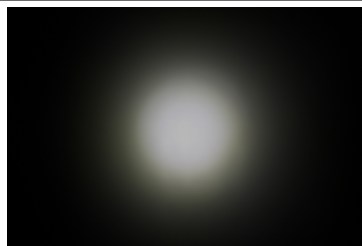
SAMSUNG

LED LH351A
FWHM 14.0°
Efficiency 93 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

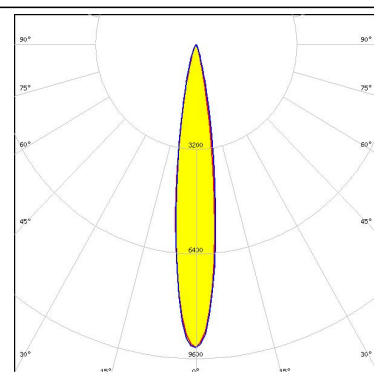
LED Z8Y22P
FWHM 17.0°
Efficiency 85 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



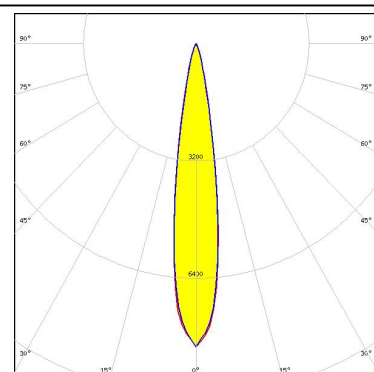
PHOTOMETRIC DATA (SIMULATED):



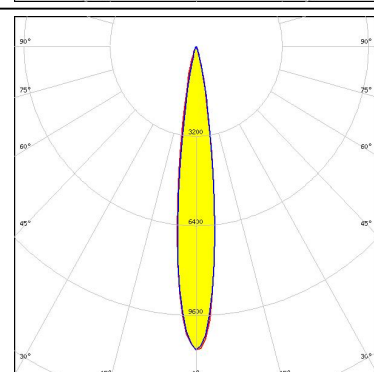
LED NF2x757G
FWHM 16.0°
Efficiency 92 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 16.0°
Efficiency 88 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square CSSRM2/CSSRM3
FWHM 14.0°
Efficiency 92 %
Peak intensity 10.9 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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