

TINA2-RS

~14° spot beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

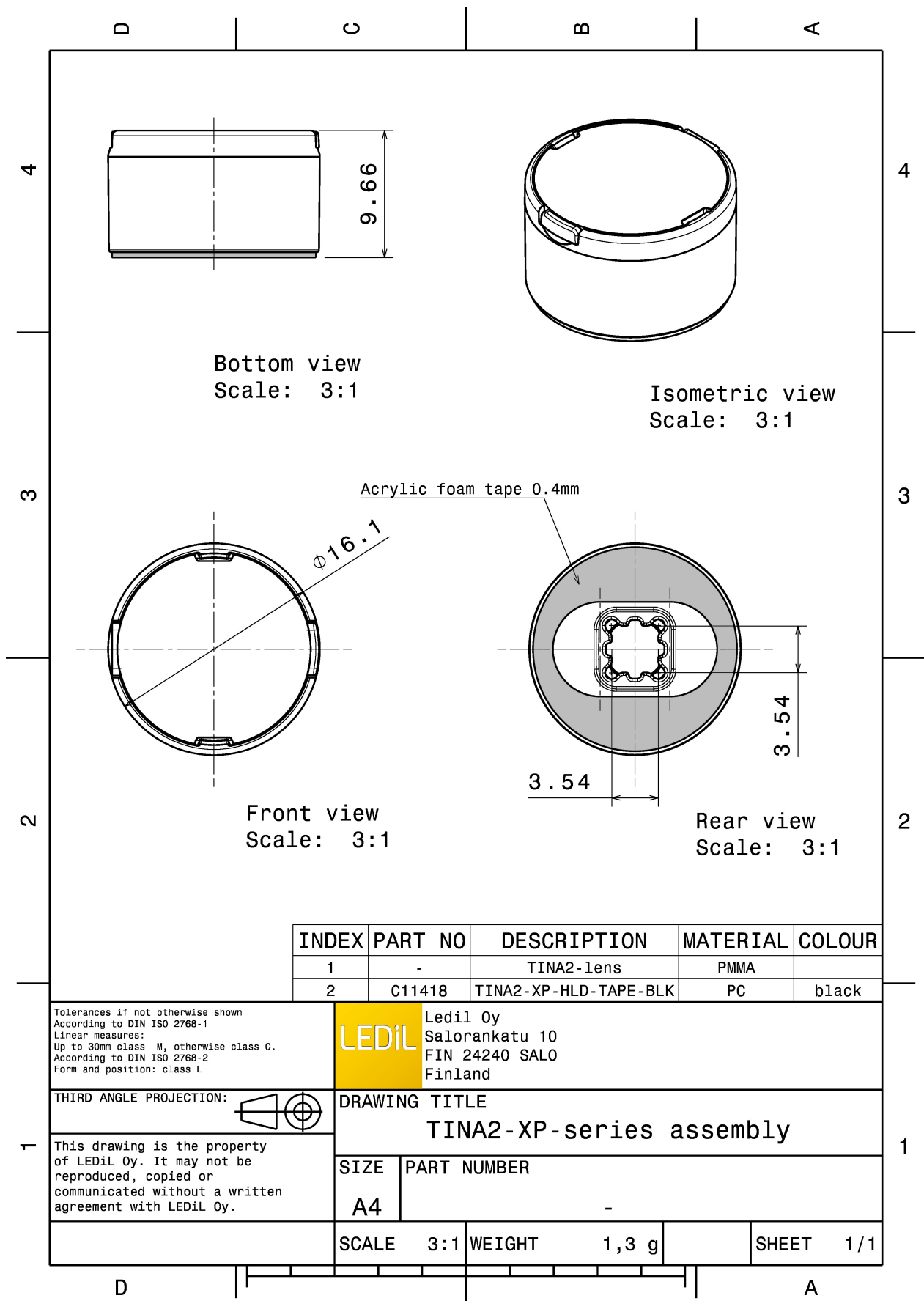


MATERIALS:

Component	Type	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11016_TINA2-RS	Single lens	4140	230	230	8.1
» Box size: 451 x 241 x 298 mm					

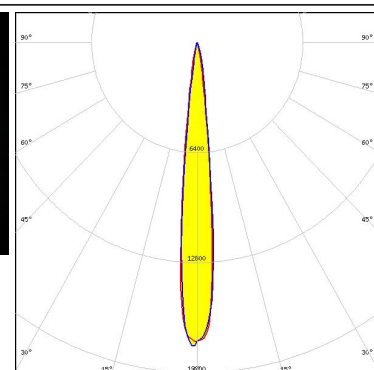
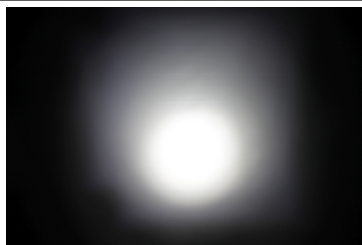


See also our general installation guide: www.ledil.com/installation_guide

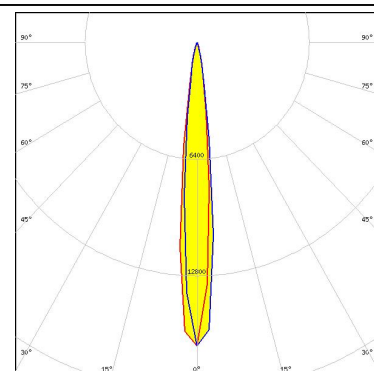
OPTICAL RESULTS (MEASURED):



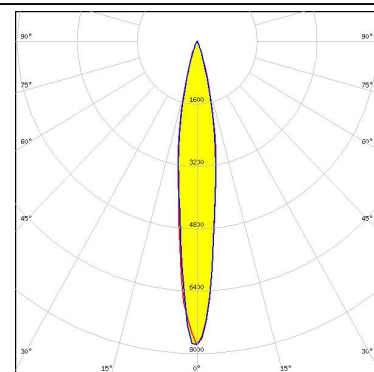
LED XP-E
FWHM / FWTM 11.0° / 21.0°
Efficiency 90 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM / FWTM 11.0° / 22.0°
Efficiency 89 %
Peak intensity 16.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



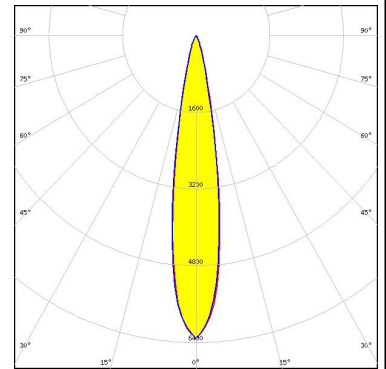
LED XP-G
FWHM / FWTM 15.0° / 30.0°
Efficiency 93 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



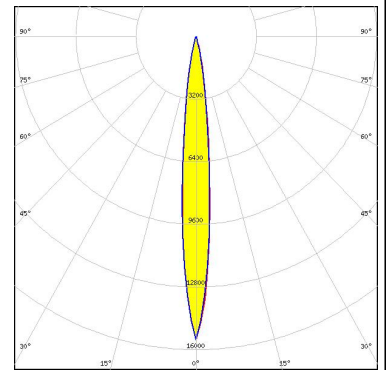
OPTICAL RESULTS (SIMULATED):



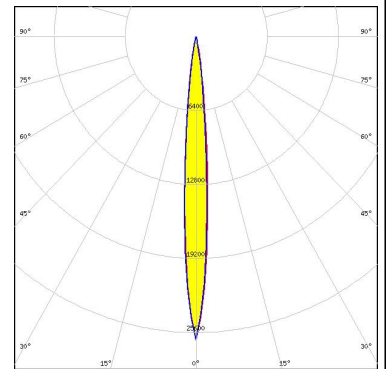
LED XP-G2 HE
FWHM / FWTM 18.0° / 33.0°
Efficiency 80 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



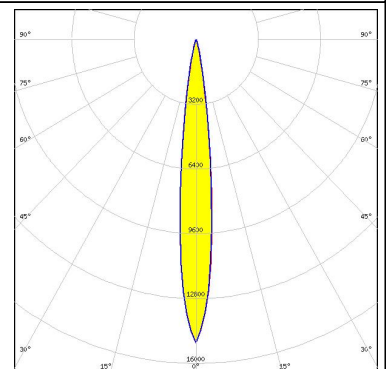
LED LUXEON C
FWHM / FWTM 11.0° / 24.0°
Efficiency 85 %
Peak intensity 15.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON CZ
FWHM / FWTM 9.0° / 19.0°
Efficiency 91 %
Peak intensity 26.2 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



LED OSCONIQ C 2424
FWHM / FWTM 12.0° / 24.0°
Efficiency 92 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour White
Required components:

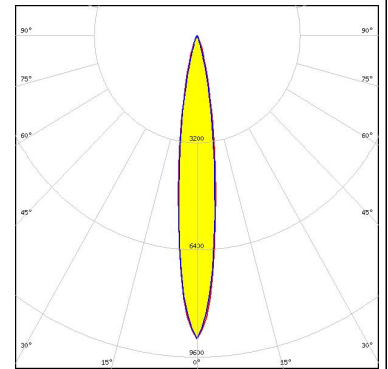


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

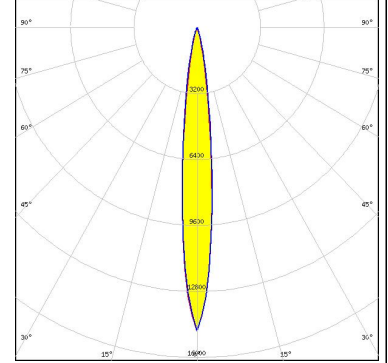
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 14.0° / 32.0°
Efficiency 91 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

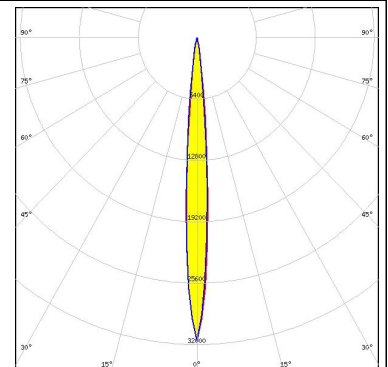
LED OSRAM OSTAR Projection Compact (KW CSLPM1.TG)
FWHM / FWTM 12.0° / 25.0°
Efficiency 92 %
Peak intensity 14.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

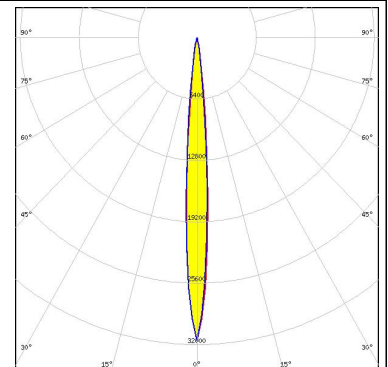
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 8.5°
Efficiency 78 %
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 8.0° / 17.0°
Efficiency 91 %
Peak intensity 31.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



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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