

TINA-RS

~13° spot beam optimized for CREE XP-E.
Assembly with holder and installation tape.

SPECIFICATION:

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

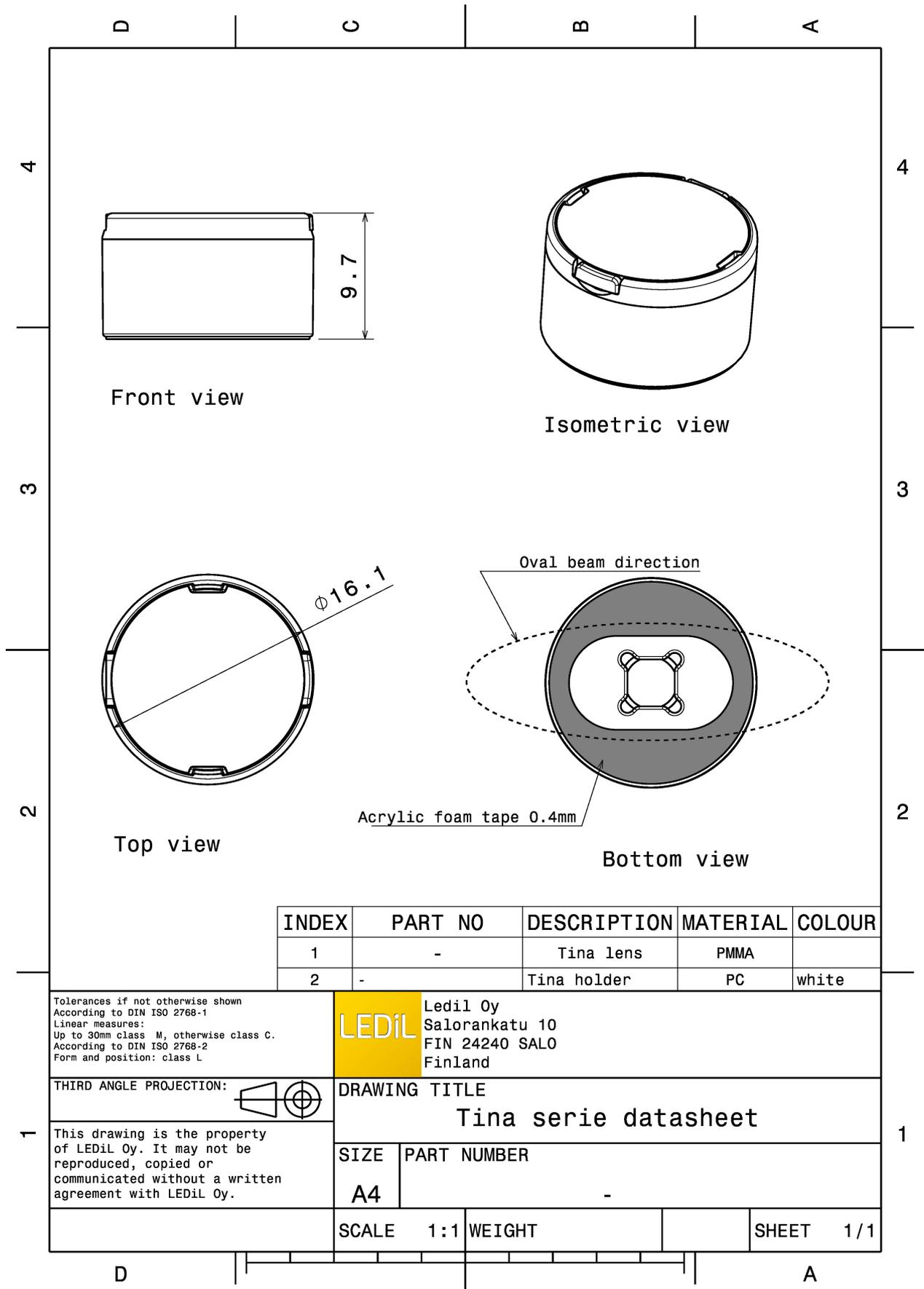


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
TINA-XP-RS	Single lens	PMMA	clear		
TINA-XP-H-TAPE-WHT	Holder	PC	white		
TINA-TAPE3	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10887_TINA-RS » Box size: 470 x 240 x 105 mm	2016	288	144	4.0

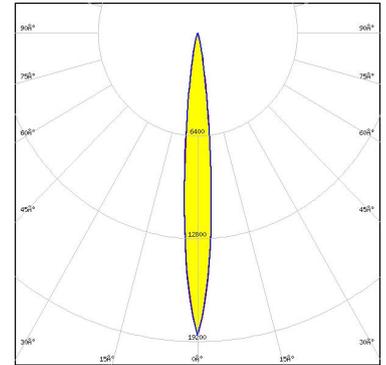


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



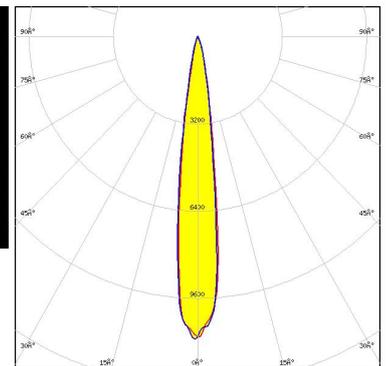
LED XP-E
FWHM / FWTM 10.0° / 19.0°
Efficiency 93 %
Peak intensity 18.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G
FWHM / FWTM 15.0° / 31.0°
Efficiency 94 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

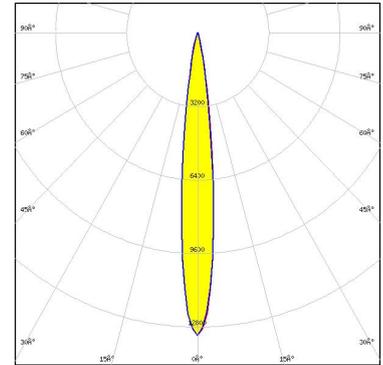


Light distribution files

OPTICAL RESULTS (SIMULATED):



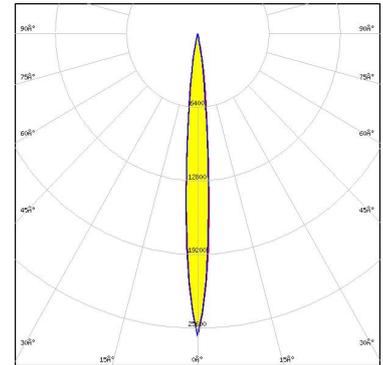
LED XD16
FWHM / FWTM 12.0° / 24.0°
Efficiency 92 %
Peak intensity 13.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



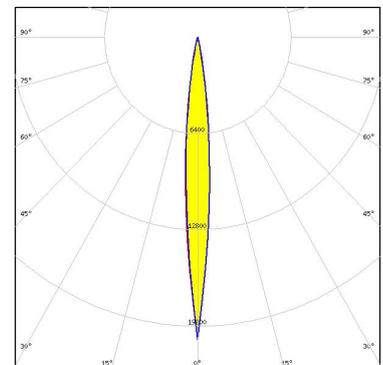
LED LUXEON CZ
FWHM / FWTM 9.0° / 20.0°
Efficiency 94 %
Peak intensity 26.3 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files

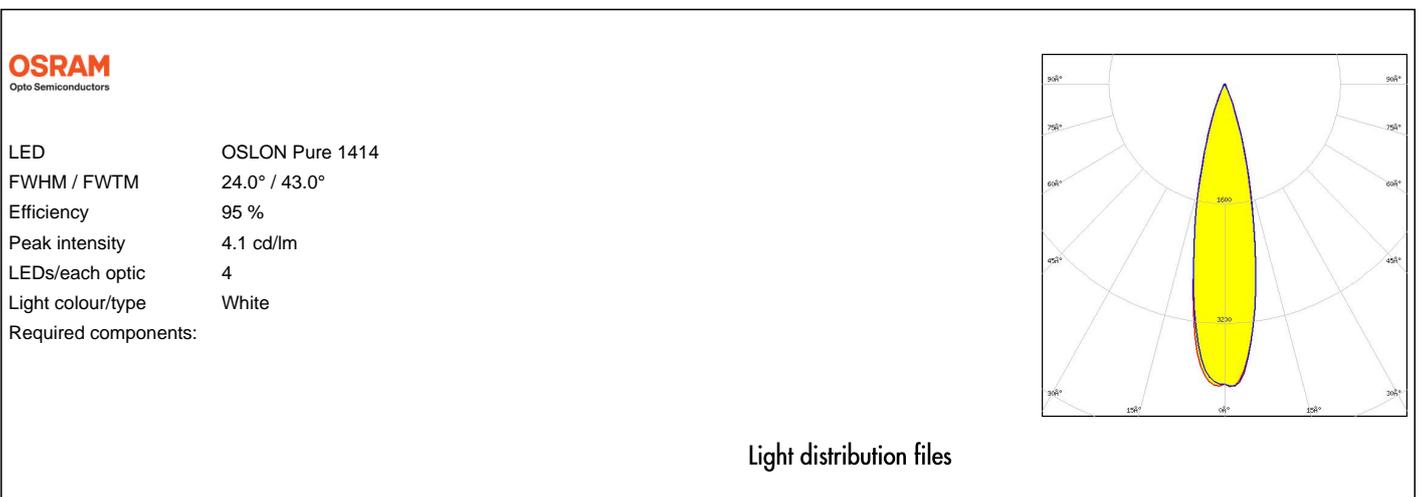
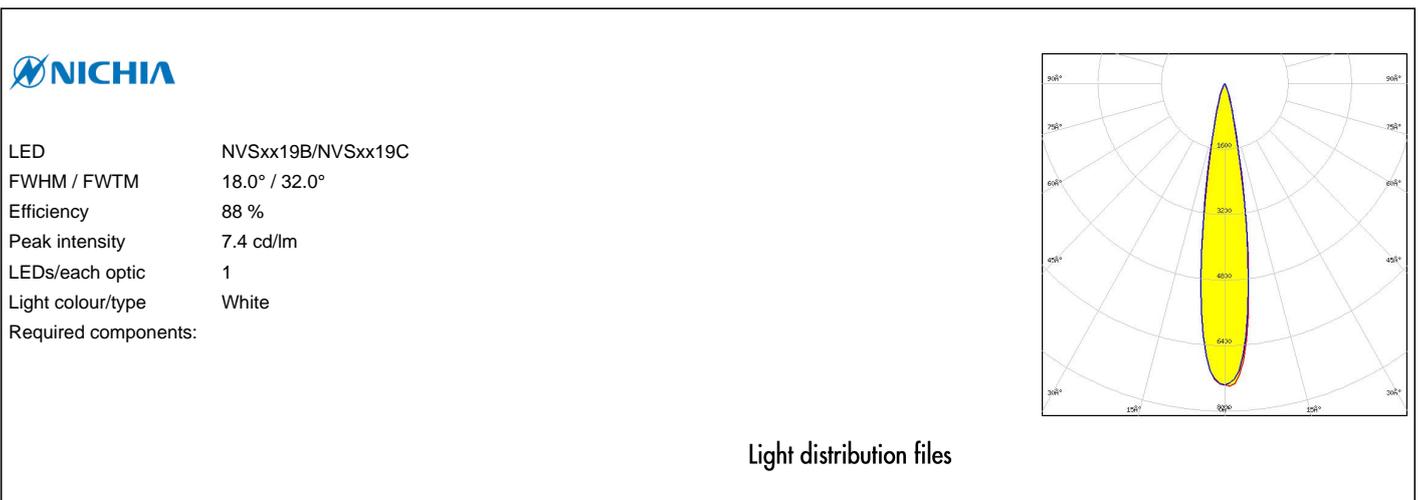
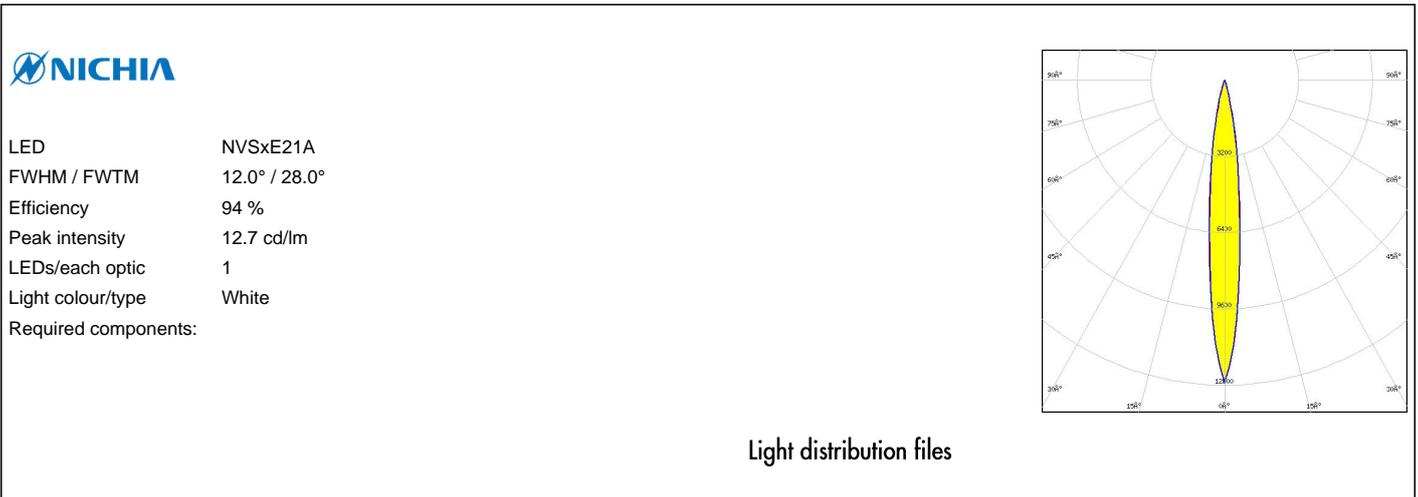


LED NCSWE13A
FWHM / FWTM 10.0° / 22.0°
Efficiency 90 %
Peak intensity 20.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

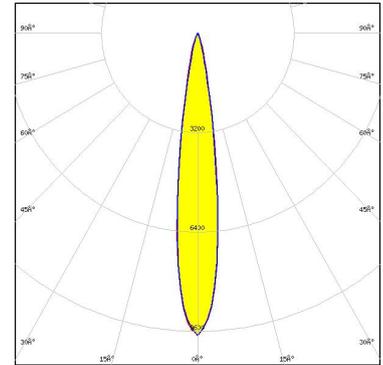
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 95 %
 Peak intensity 9.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

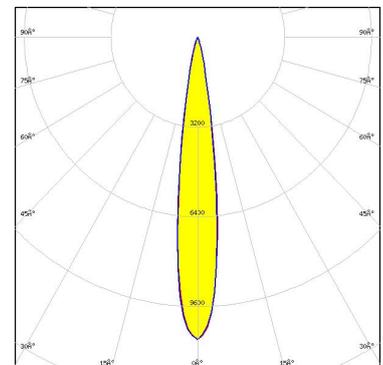


LED Z5
 FWHM / FWTM 11.0°
 Efficiency %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



LED Z5M1/Z5M2
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

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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