

TINA3-WW

~55° wide beam optimized for CREE XP-E.
Assembly with holder, installation tape and
location pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	7.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

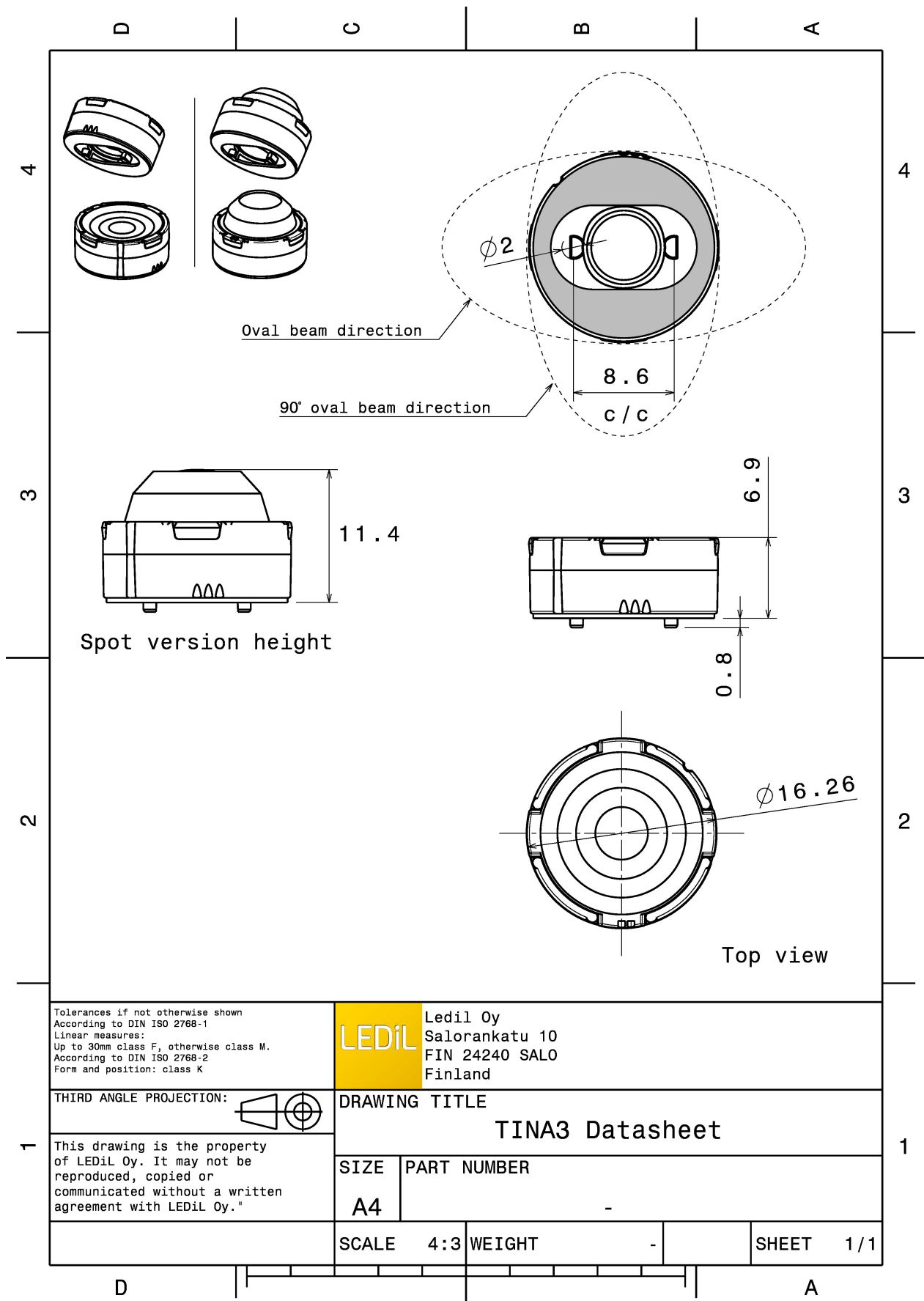


MATERIALS:

Component	Type	Material	Colour	Finish
TINA3-WW	Single lens	PMMA	clear	
TINA3-HLD-PIN-TAPE-XP	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11903_TINA3-WW	Single lens	2016	288	288	3.2
» Box size: 470 x 240 x 105 mm					

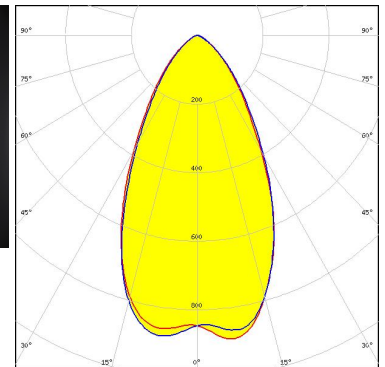
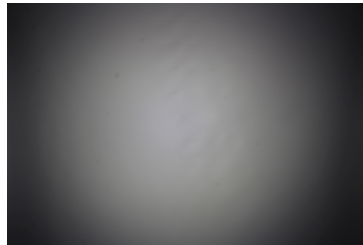


See also our general installation guide: www.ledil.com/installation_guide

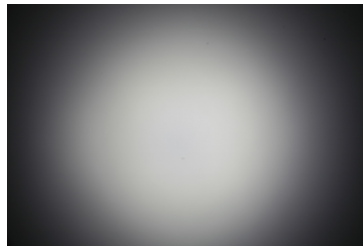
OPTICAL RESULTS (MEASURED):



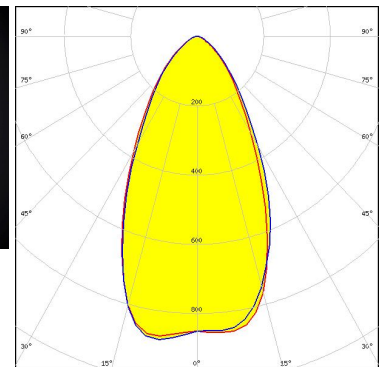
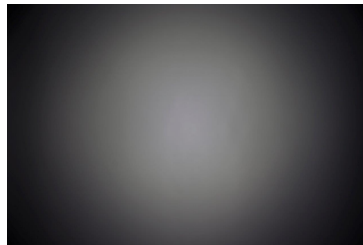
LED XM-L
FWHM / FWTM 56.0° / 100.0°
Efficiency 91 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



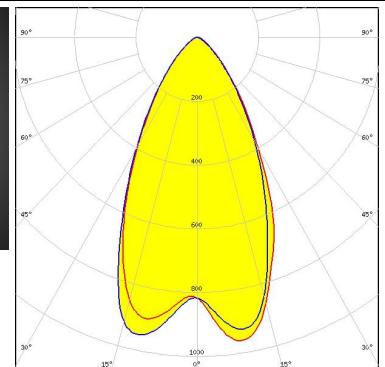
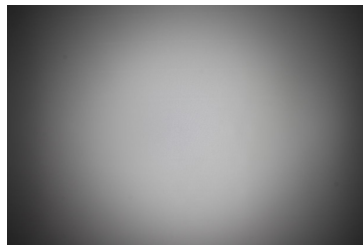
LED XM-L2
FWHM / FWTM 56.0° / 101.0°
Efficiency 89 %
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HD
FWHM / FWTM 53.0° / 103.0°
Efficiency 91 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



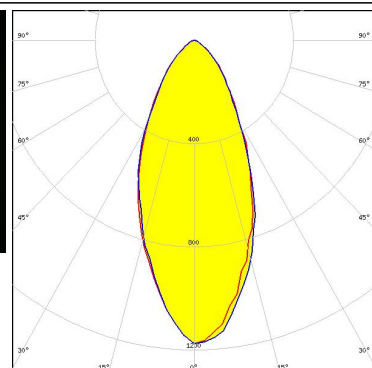
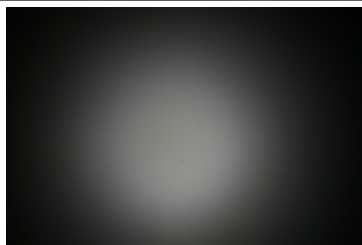
LED XP-L HI
FWHM / FWTM 54.0° / 94.0°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



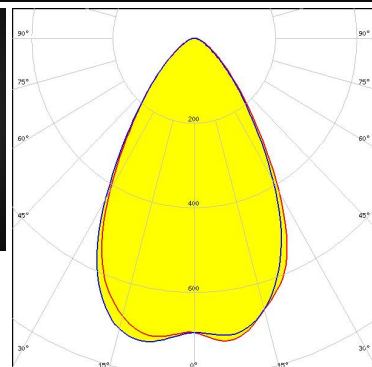
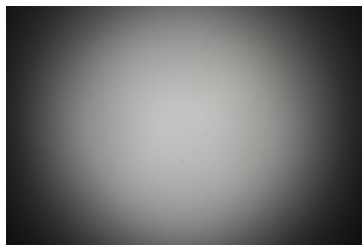
OPTICAL RESULTS (MEASURED):



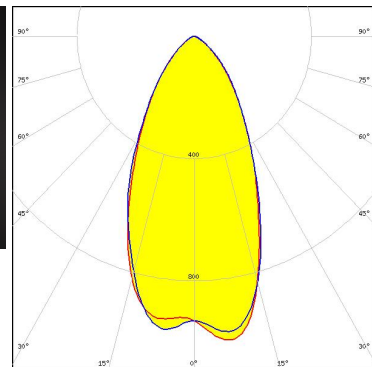
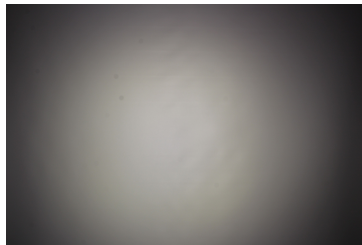
LED XT-E
FWHM / FWTM 46.0° / 96.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS9x383
FWHM / FWTM 65.0° / 108.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



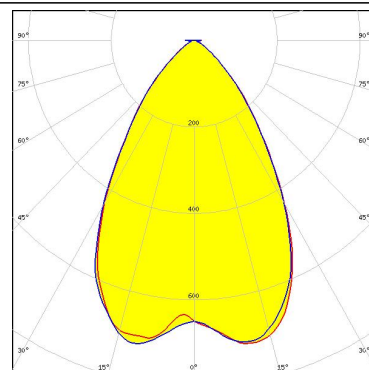
LED NVSW219F
FWHM / FWTM 51.0° / 98.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):



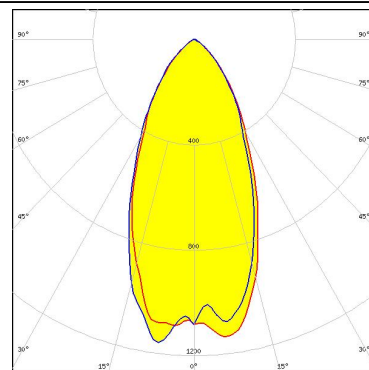
LED XD16
FWHM / FWTM 61.0° / 101.0°
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:



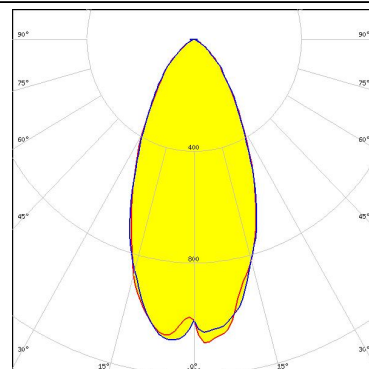
LED XM-L HVW
FWHM / FWTM 62.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 49.0° / 95.0°
Efficiency 95 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



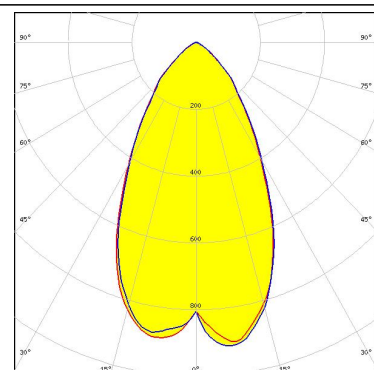
LED XP-G3
FWHM / FWTM 48.0° / 96.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

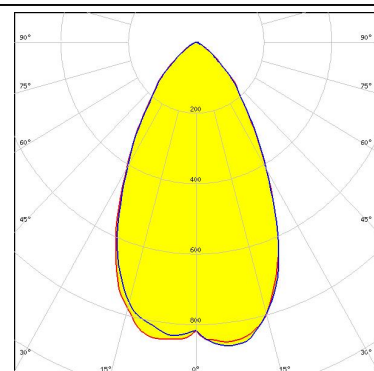
LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 57.0° / 102.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351B
FWHM / FWTM 59.0° / 102.0°
Efficiency 94 %
Peak intensity 0.9 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:

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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