

TINA2-M

~30° medium beam optimized for CREE XP-E.
Assembly with holder and installation tape.

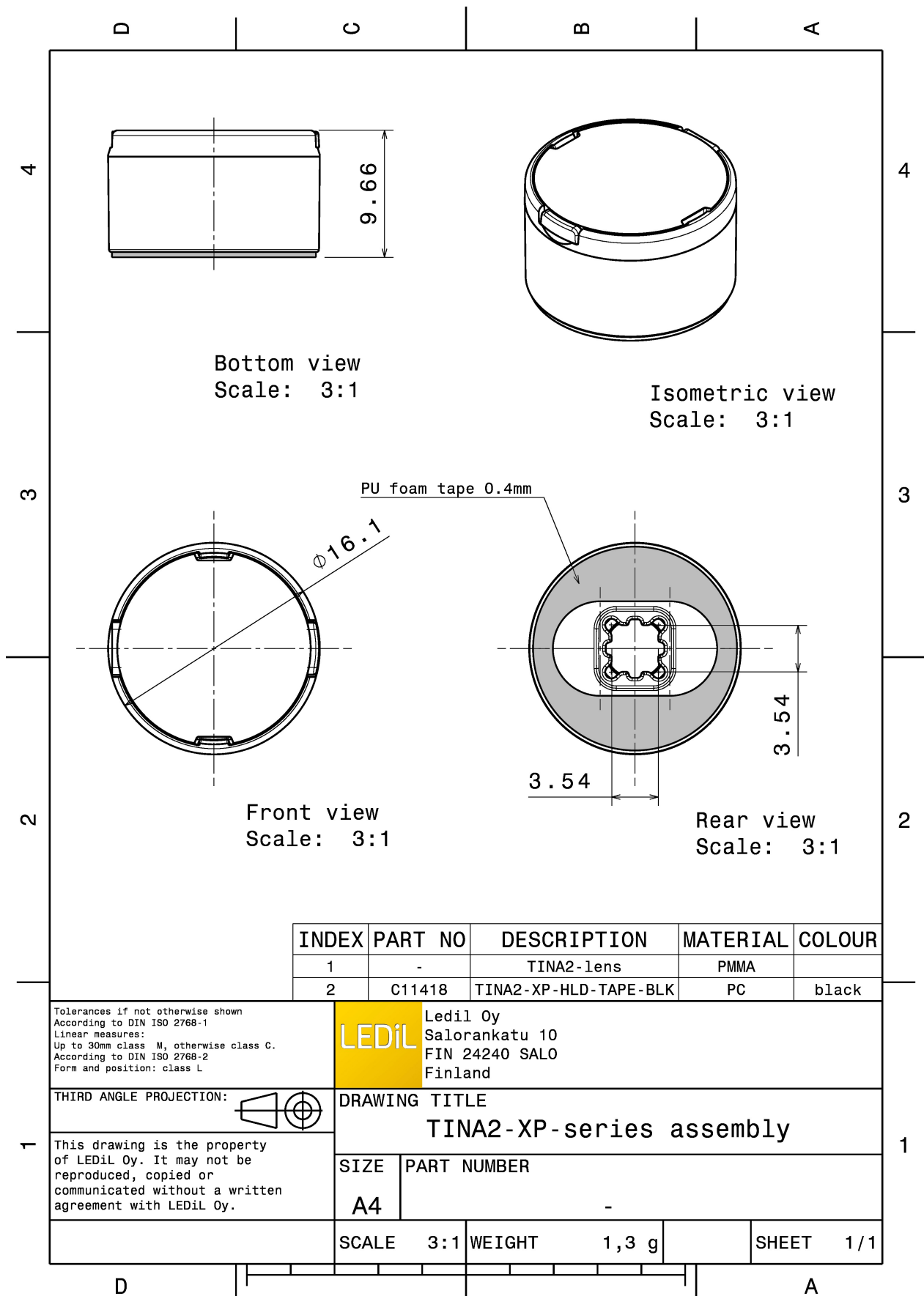
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

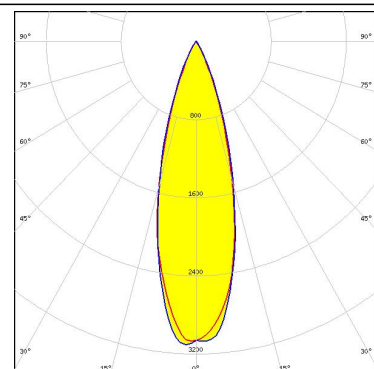
Component	Type	Material	Colour
TINA2-XP-M	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	



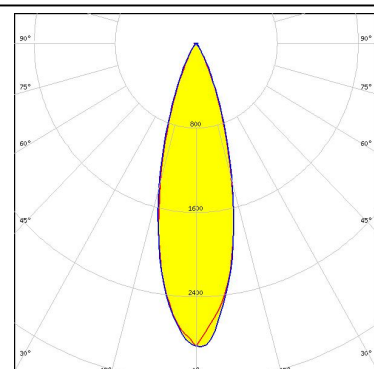
PHOTOMETRIC DATA (MEASURED):



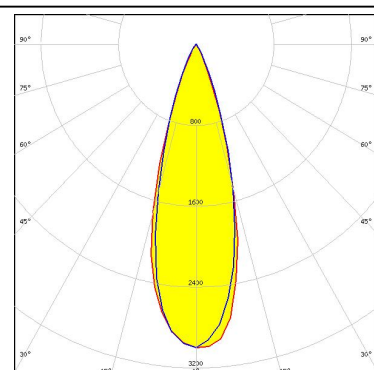
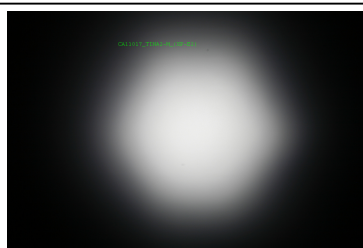
LED XP-E
FWHM 31.0°
Efficiency 89 %
Peak intensity 2.560 cd/lm
LEDs/each optic 1
Light colour White
Required components:



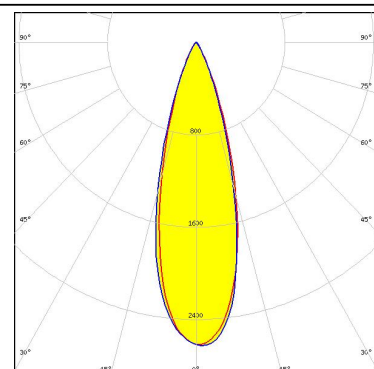
LED XP-E-HEW
FWHM 30.0°
Efficiency %
Peak intensity 2.290 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E2
FWHM 32.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



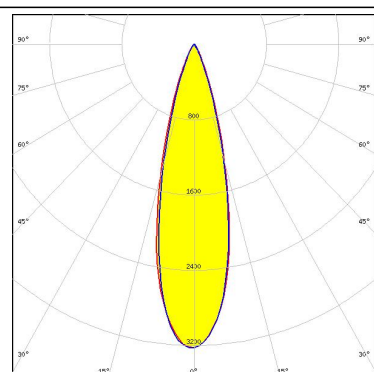
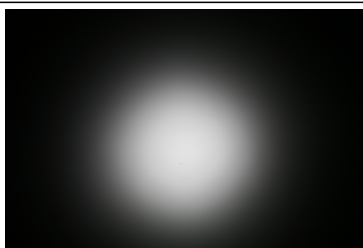
LED XP-G
FWHM 30.0°
Efficiency 88 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



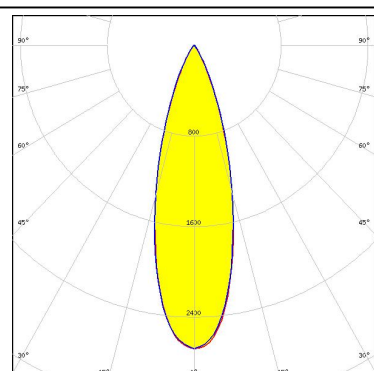
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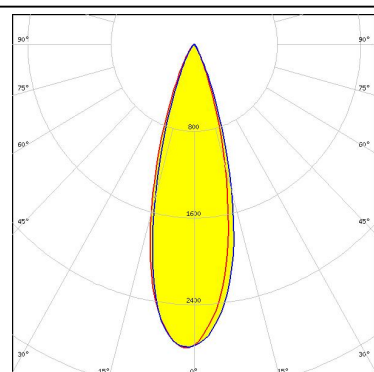
LED XP-G2
FWHM 26.0°
Efficiency 84 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



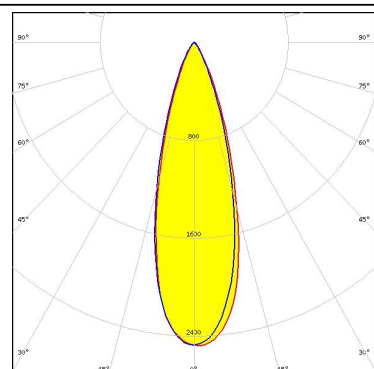
LED XT-E
FWHM 31.0°
Efficiency 81 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED H35B0 (LEMWA32)
FWHM 30.0°
Efficiency 86 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



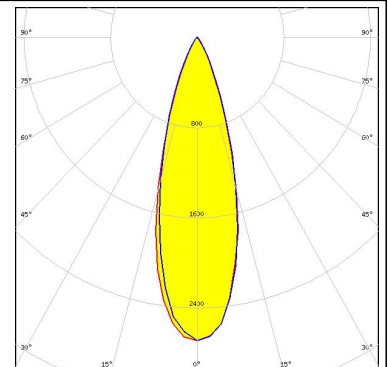
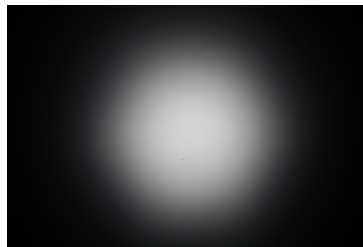
LED H35C0 (LEMWA33)
FWHM 30.0°
Efficiency 85 %
Peak intensity 2.550 cd/lm
LEDs/each optic 1
Light colour White
Required components:



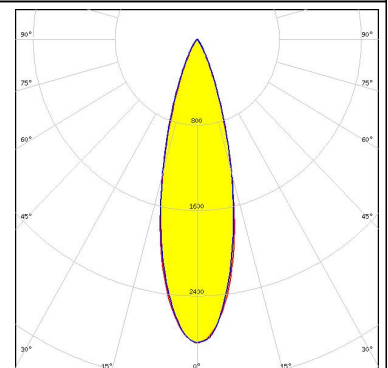
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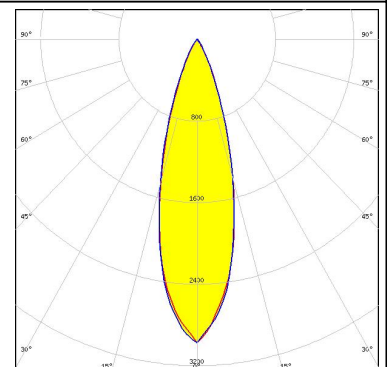
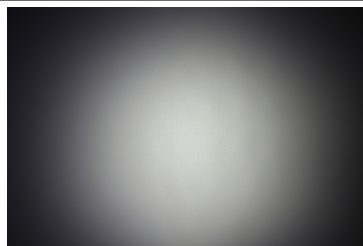
LED H35C1 (LEMWA33)
FWHM 31.0°
Efficiency 84 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Fortimo FastFlex 2x8 DS G3
FWHM 28.0°
Efficiency 83 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



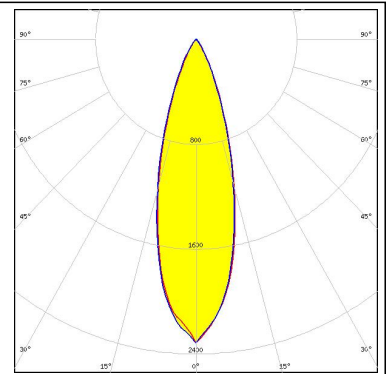
LED Z5M1/Z5M2
FWHM 29.0°
Efficiency 84 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE
FWHM 30.0°
Efficiency 78 %
Peak intensity 2.315 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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