

TINA2-W

~45° wide beam optimized for CREE XP-E.
Assembly with holder and installation tape.

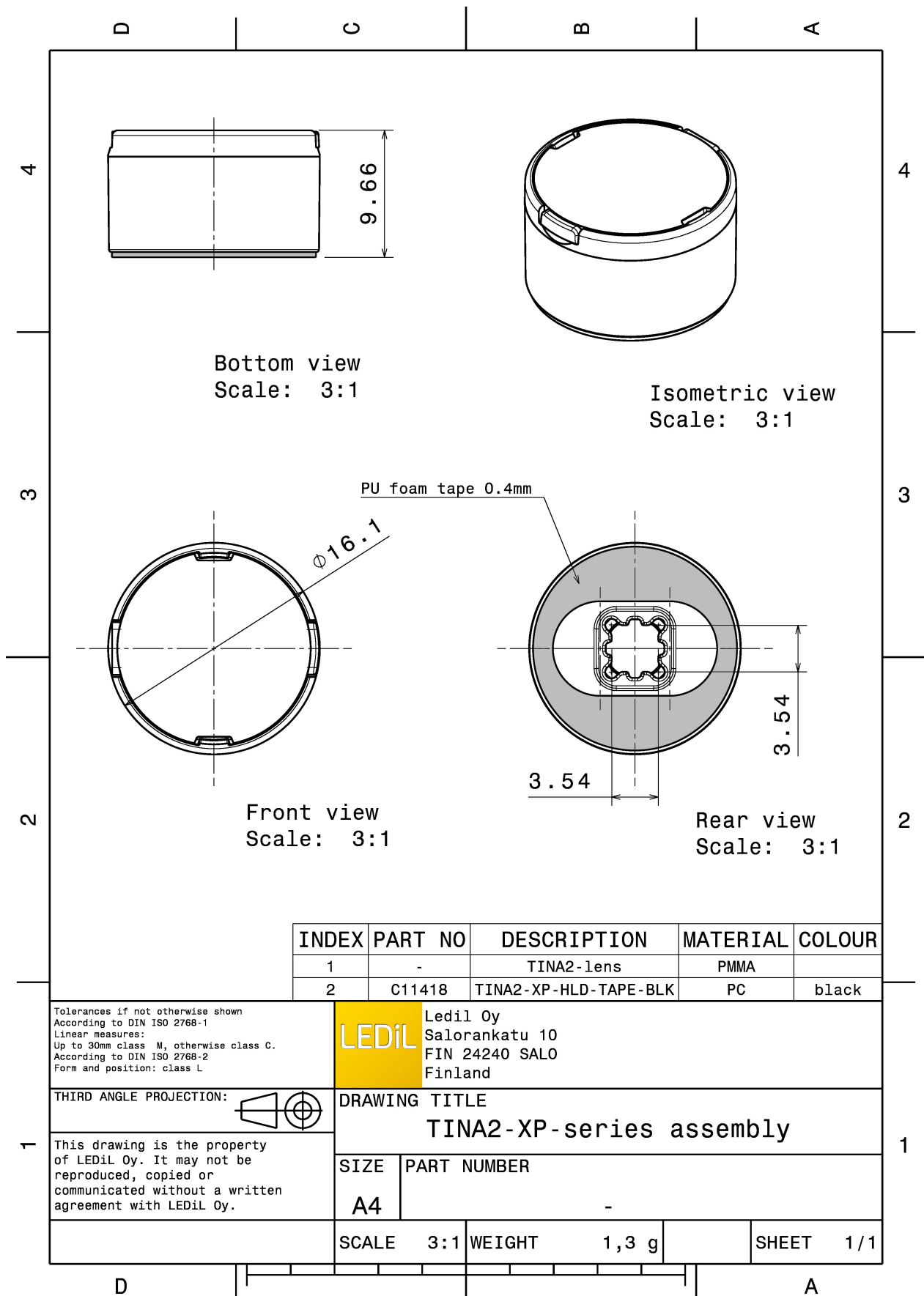
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.7 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

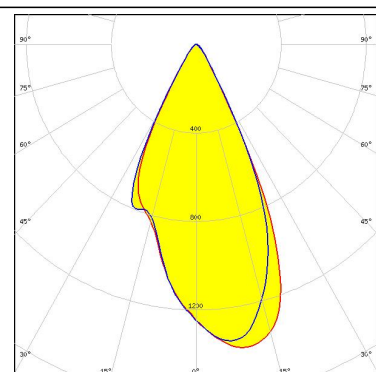
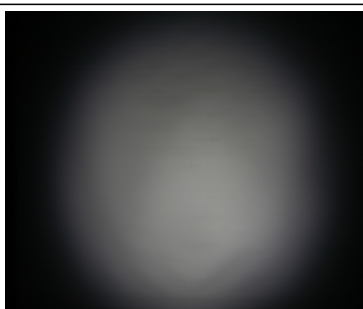
Component	Type	Material	Colour
TINA2-W-XP	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



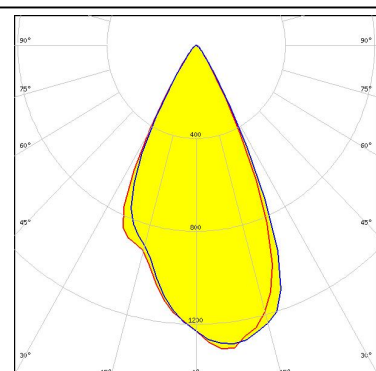
PHOTOMETRIC DATA (MEASURED):



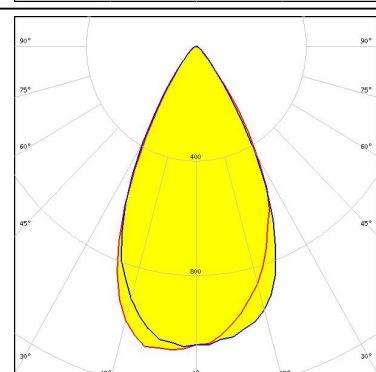
LED XP-E
FWHM 50.0°
Efficiency 88 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



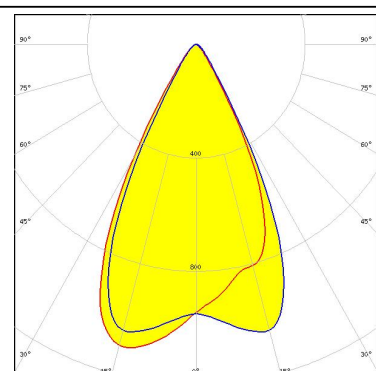
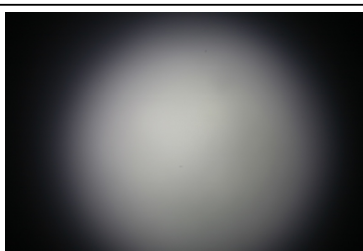
LED XP-E2
FWHM 52.0°
Efficiency 89 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 57.0°
Efficiency 88 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



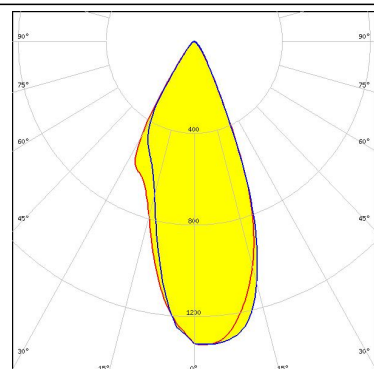
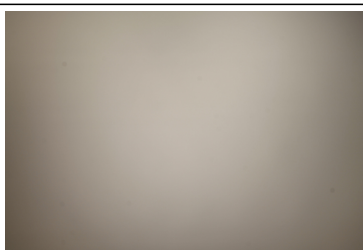
LED XP-G2
FWHM 54.0°
Efficiency 88 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



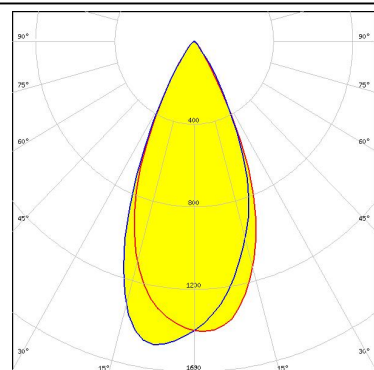
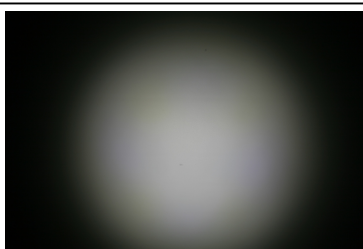
PHOTOMETRIC DATA (MEASURED):



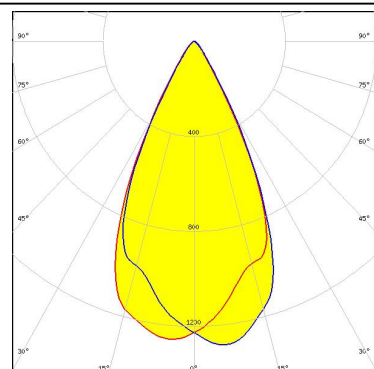
LED XQ-E HD
FWHM 39.0°
Efficiency 72 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 46.0°
Efficiency 87 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:

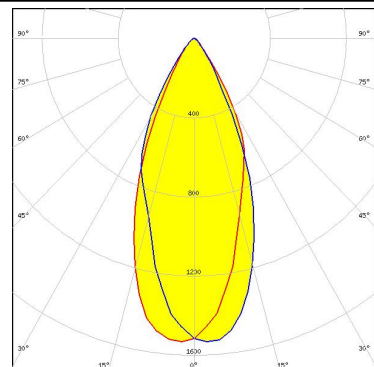


LED H35B0 (LEMWA32)
FWHM 52.0°
Efficiency 89 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

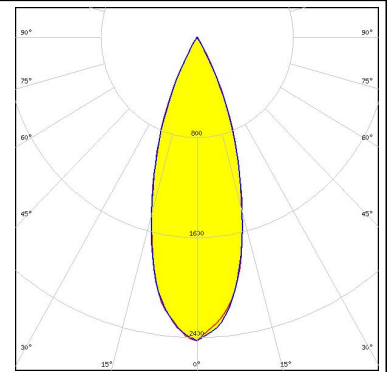
LED Z5
FWHM 40.0°
Efficiency 89 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM 34.6°
Efficiency 90 %
Peak intensity 2.450 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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