

TINA2-D

~16° diffused spot 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
ROHS compliant	yes ⓘ

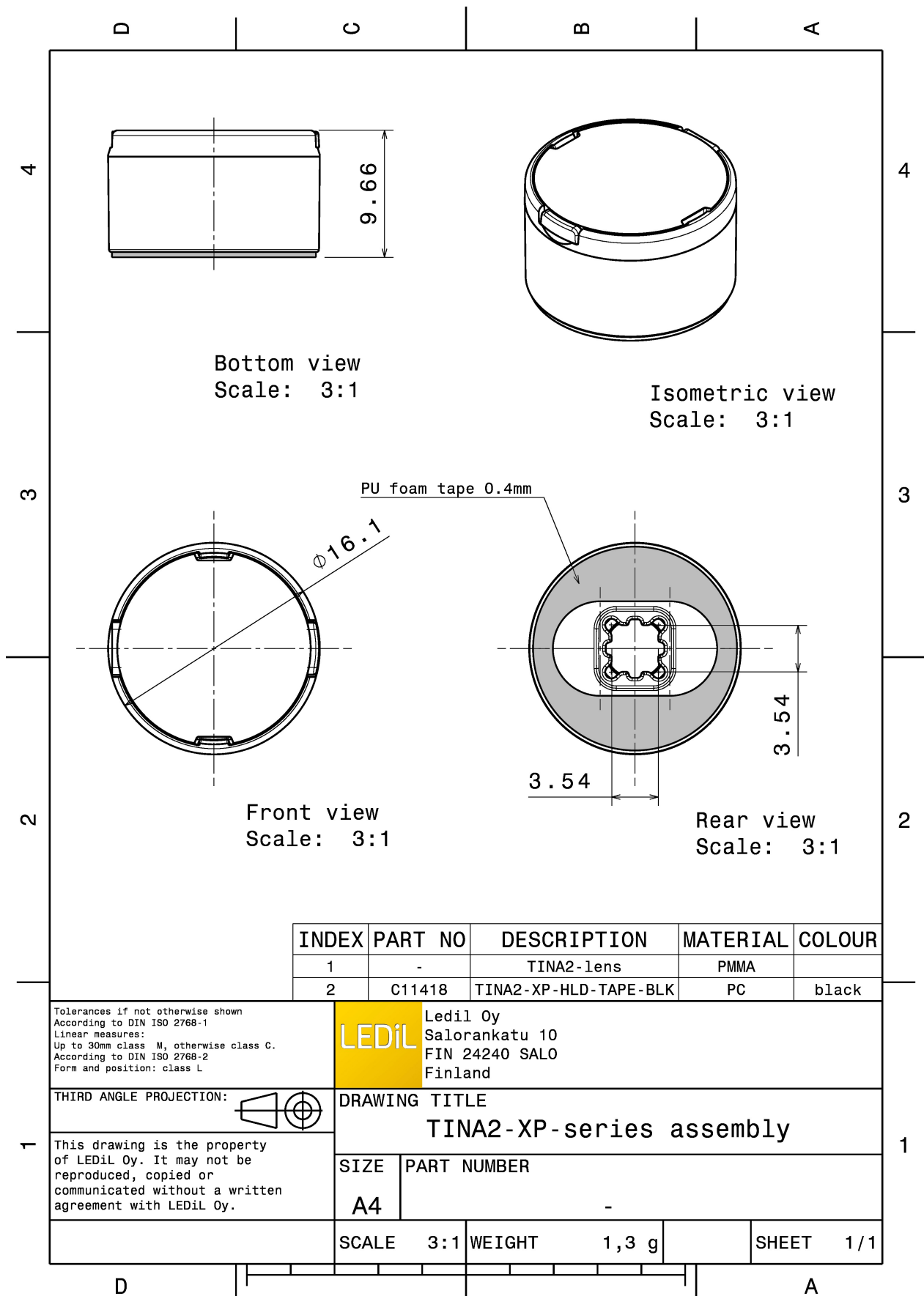


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

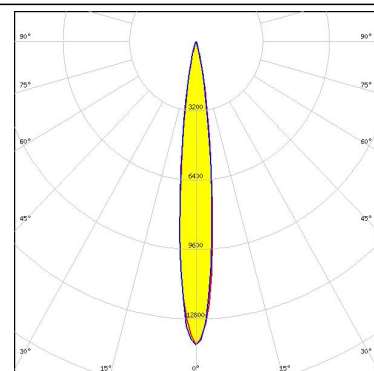
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11420_TINA2-D	Single lens	4140	230	230	8.8
» Box size: 451 x 241 x 298 mm					



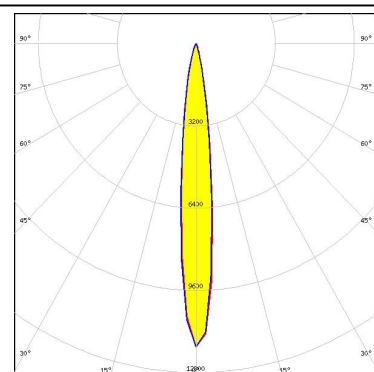
PHOTOMETRIC DATA (MEASURED):



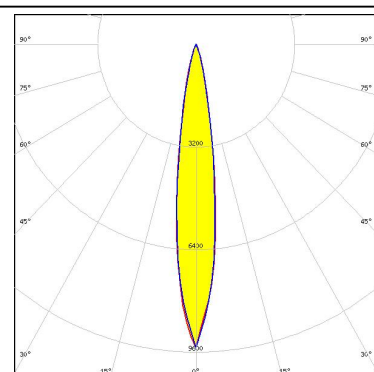
LED XP-E
FWHM 12.0°
Efficiency 91 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



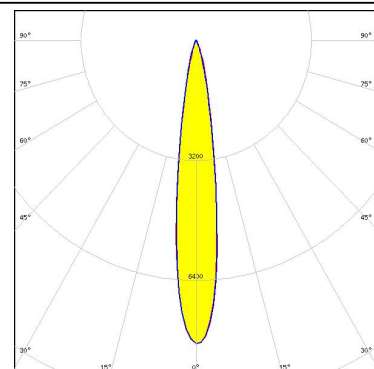
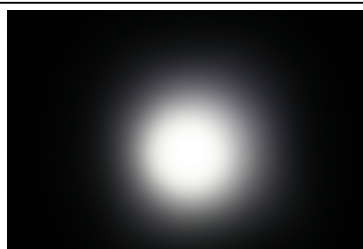
LED XP-E2
FWHM 13.0°
Efficiency 86 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 17.0°
Efficiency 91 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



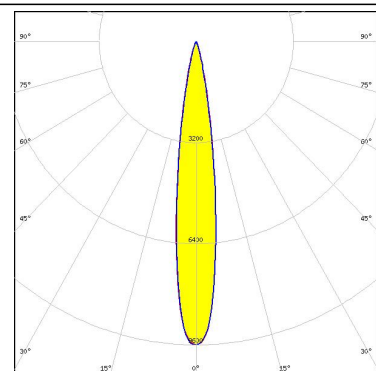
LED XP-G2
FWHM 15.0°
Efficiency 90 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



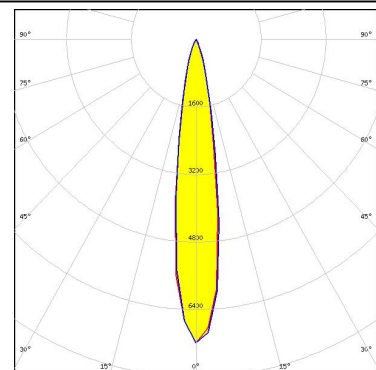
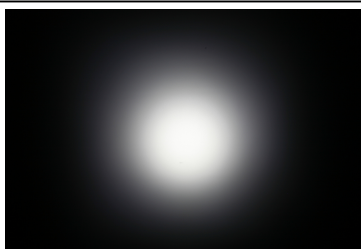
PHOTOMETRIC DATA (MEASURED):



LED XT-E
FWHM 16.0°
Efficiency %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



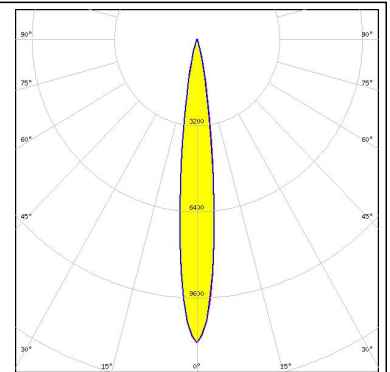
LED H35C1 (LEMWA33)
FWHM 17.0°
Efficiency 86 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



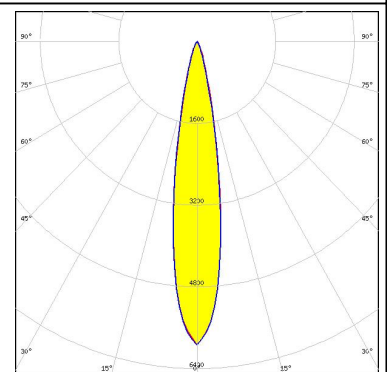
PHOTOMETRIC DATA (SIMULATED):



LED XD16
FWHM 13.0°
Efficiency 87 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2 HE
FWHM 18.0°
Efficiency 80 %
Peak intensity 5.9 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:

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