

TINA2-O

~35° + 15° oval beam. Assembly with holder and installation tape.

SPECIFICATION:

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

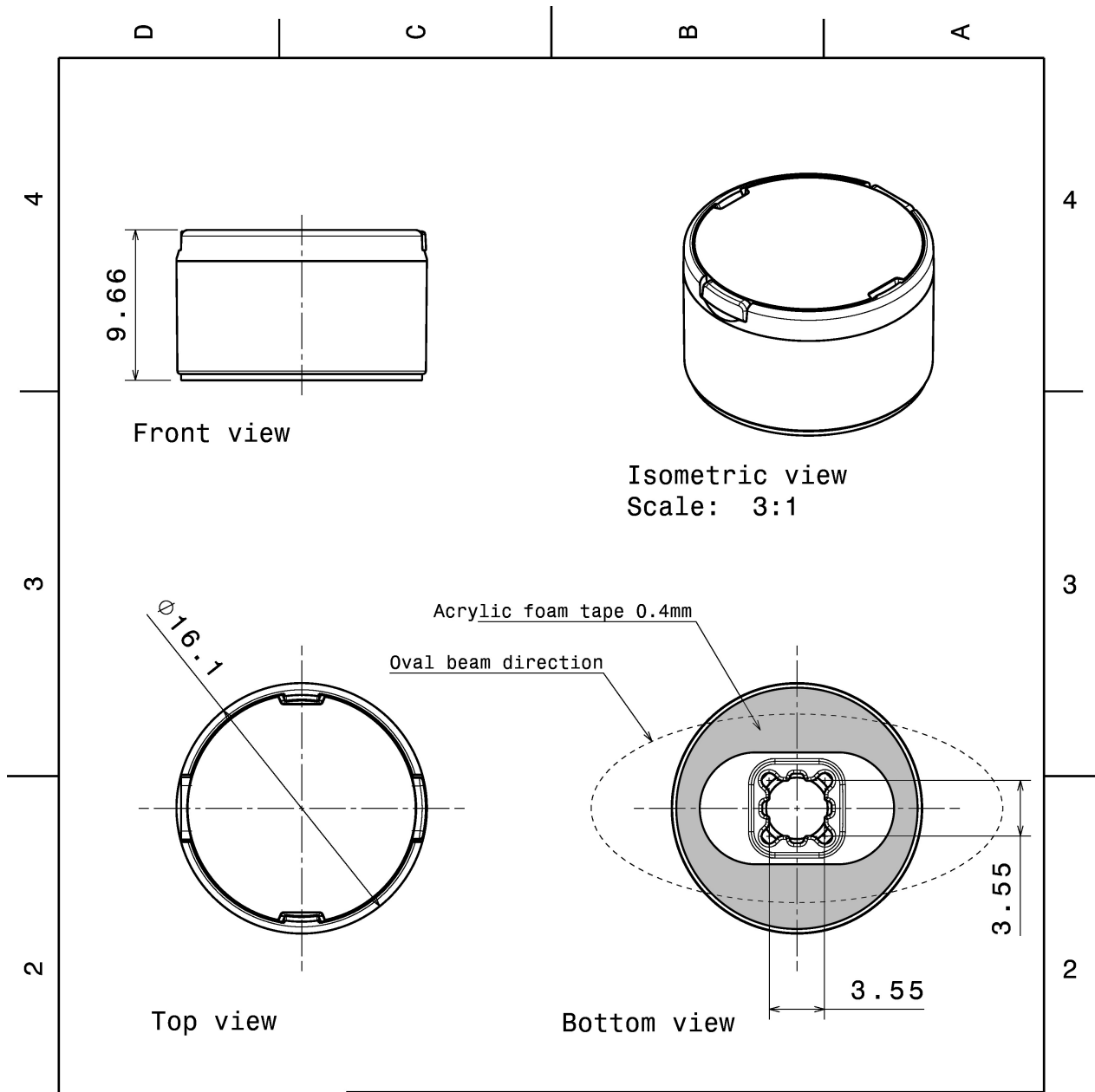


MATERIALS:

Component	Type	Material	Colour	Finish
TINA2-XP-O	Single lens	PMMA	clear	
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11052_TINA2-O	Single lens	4140	230	230	8.3
» Box size: 451 x 241 x 298 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C11418	TINA2-XP-HLD-TAPE-BLK	PC	black
2	C11050	TINA2-XP-O	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA11052_TINA2-O

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SIZE	PART NUMBER
A4	CA11052

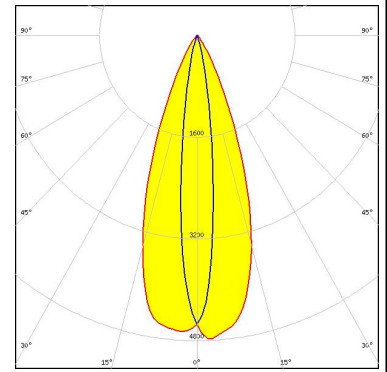
SCALE	3:1	WEIGHT	1,3 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

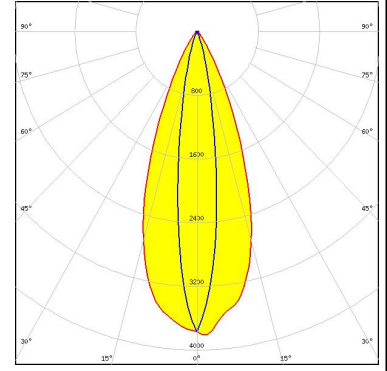
OPTICAL RESULTS (MEASURED):



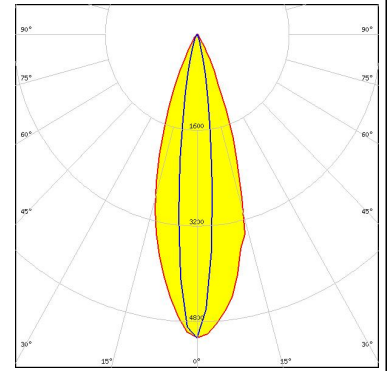
LED XP-E
 FWHM / FWTM 32.0 + 14.0° / 52.0 + 32.0°
 Efficiency 87 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



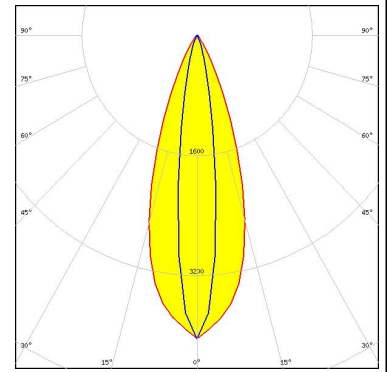
LED XP-E-HEW
 FWHM / FWTM 34.0 + 16.0° / 58.0 + 36.0°
 Efficiency %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-E2
 FWHM / FWTM 34.0 + 14.0° / 56.0 + 30.0°
 Efficiency 86 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



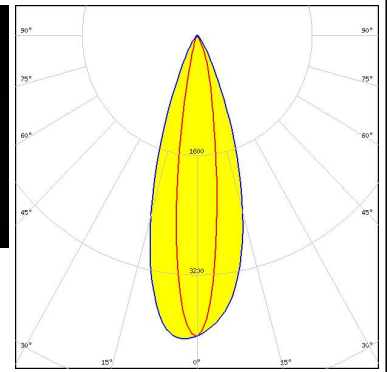
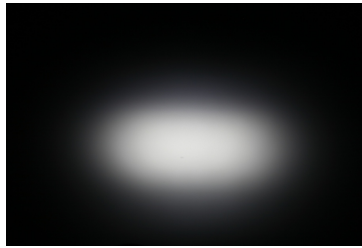
LED XP-G
 FWHM / FWTM 35.0 + 16.0° / 58.0 + 35.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



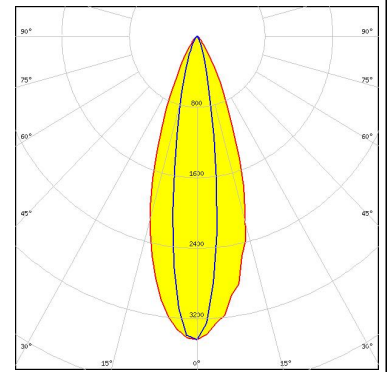
OPTICAL RESULTS (MEASURED):



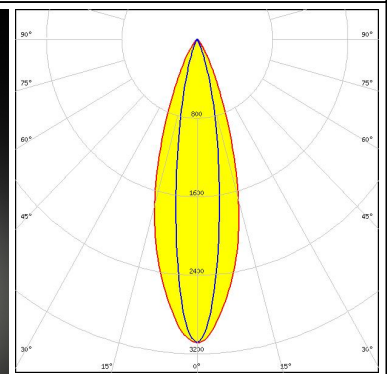
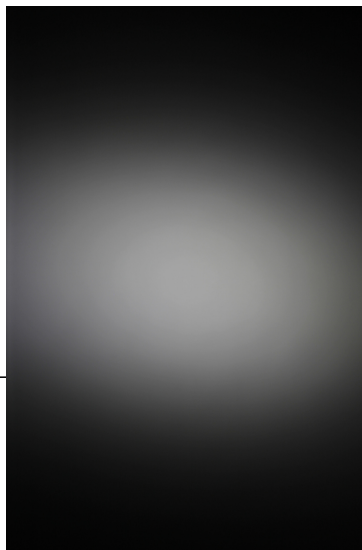
LED XP-G2
 FWHM / FWTM 34.0 + 16.0° / 57.0 + 34.0°
 Efficiency 87 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XT-E
 FWHM / FWTM 35.0 + 16.0° / 58.0 + 36.0°
 Efficiency 85 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



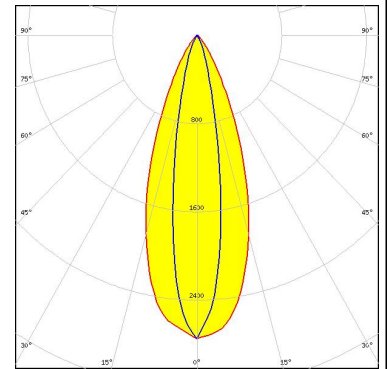
LED LH181A
 FWHM / FWTM 33.0 + 17.0° / 59.0 + 38.0°
 Efficiency 72 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



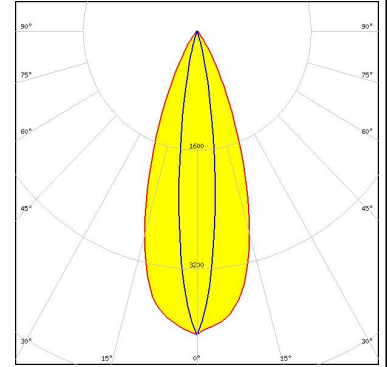
OPTICAL RESULTS (SIMULATED):



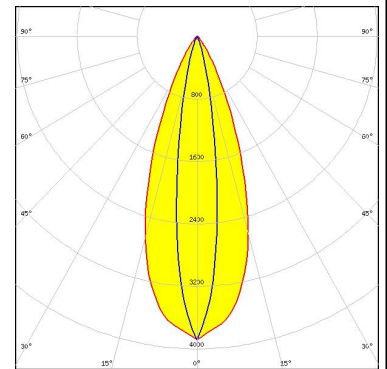
LED XP-G2 HE
 FWHM / FWTM 39.0 + 18.0° / 68.0 + 39.0°
 Efficiency 77 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



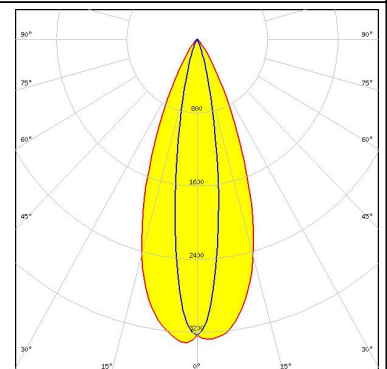
LED LUXEON C
 FWHM / FWTM 38.0 + 14.0° / 63.0 + 29.0°
 Efficiency 84 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM 38.0 + 16.0° / 64.0 + 33.0°
 Efficiency 89 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LM302D
 FWHM / FWTM 41.0 + 18.0° / 66.0 + 36.0°
 Efficiency 87 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

