

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 ⓘ

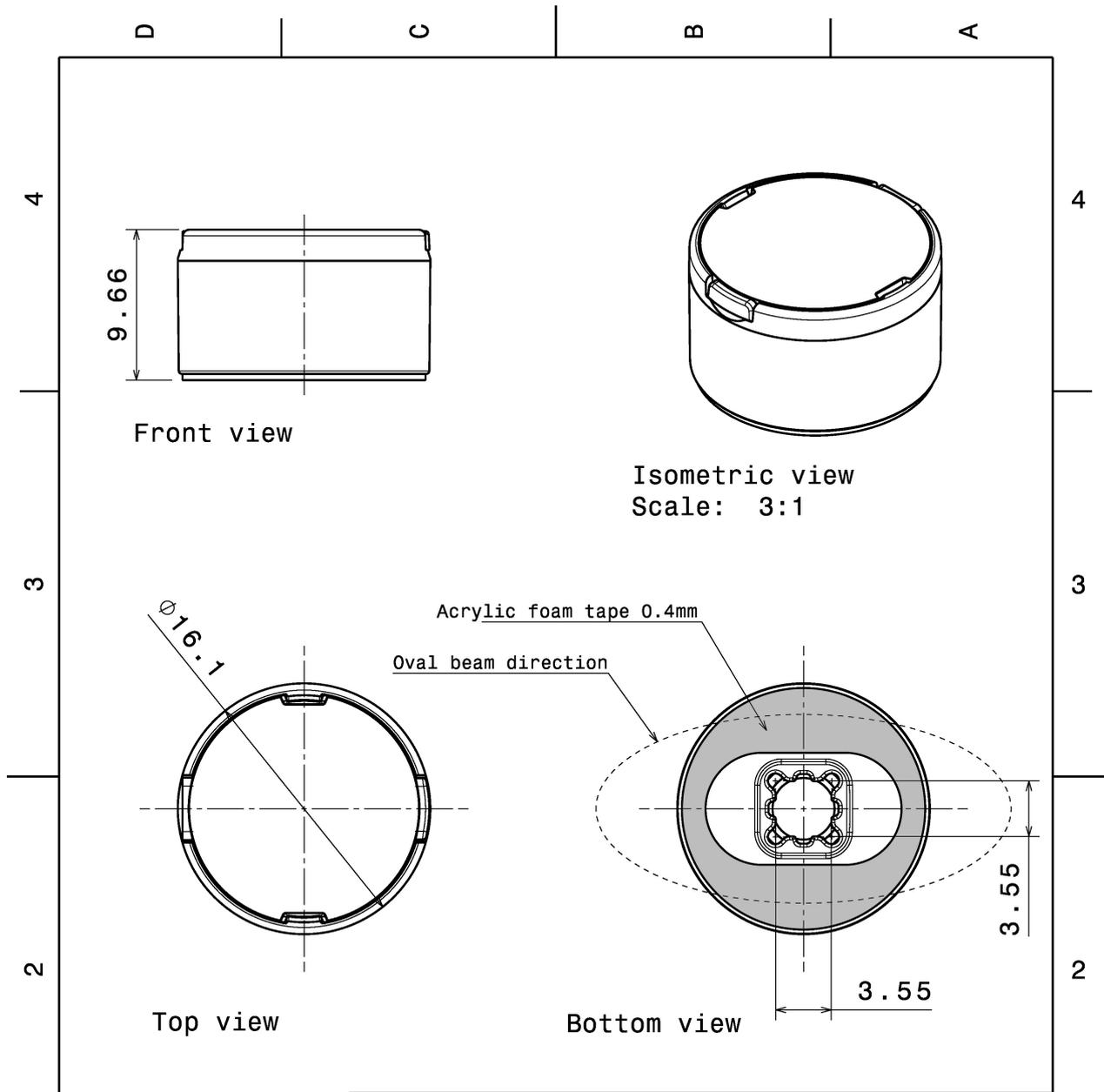


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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 » Box size: 451 x 241 x 298 mm	4140	230	230	8.3



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

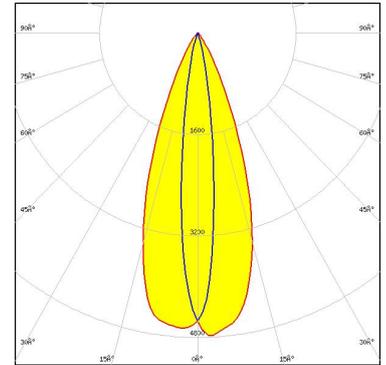
SCALE	3:1	WEIGHT	1,3 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



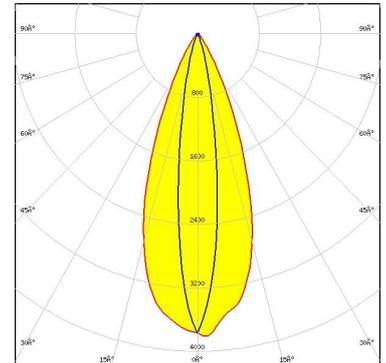
LED XP-E
FWHM / FWTM 32.0 + 14.0° / 52.0 + 32.0°
Efficiency 87 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



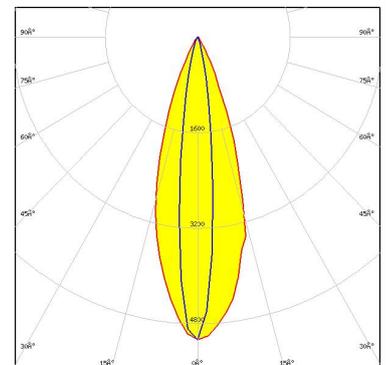
LED XP-E-HEW
FWHM / FWTM 34.0 + 16.0° / 58.0 + 36.0°
Efficiency %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



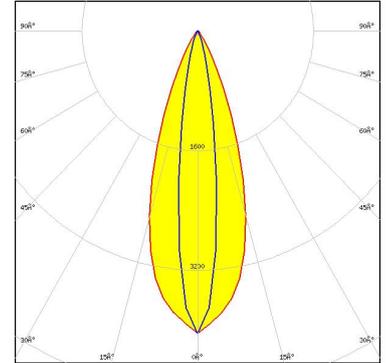
LED XP-E2
FWHM / FWTM 34.0 + 14.0° / 56.0 + 30.0°
Efficiency 86 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (MEASURED):



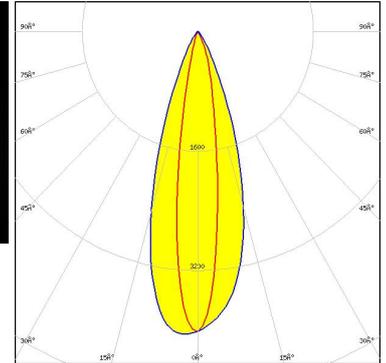
LED XP-G
 FWHM / FWTM 35.0 + 16.0° / 58.0 + 35.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



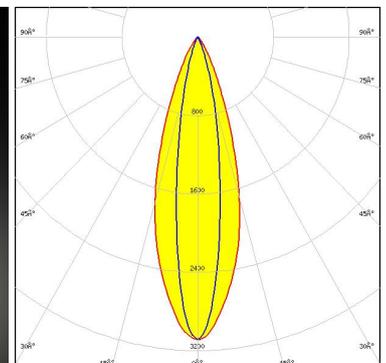
LED XP-G2
 FWHM / FWTM 34.0 + 16.0° / 57.0 + 34.0°
 Efficiency 87 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/type White
 Required components:

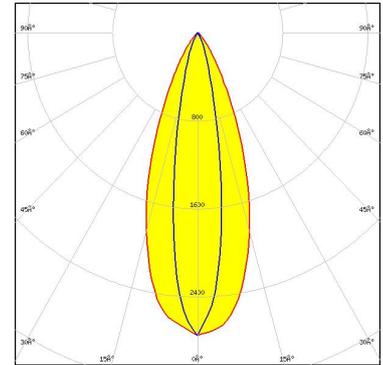


Light distribution files

OPTICAL RESULTS (SIMULATED):



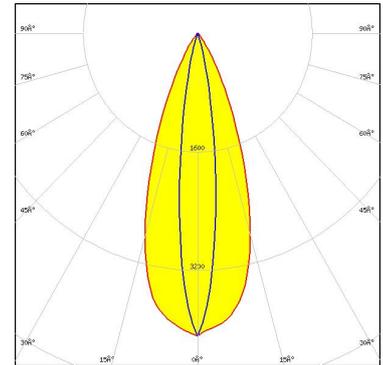
LED XP-G2 HE
 FWHM / FWTM 39.0 + 18.0° / 68.0 + 39.0°
 Efficiency 77 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



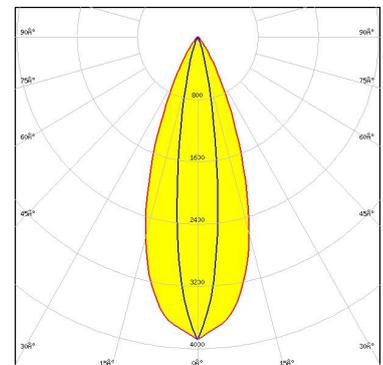
LED LUXEON C
 FWHM / FWTM 38.0 + 14.0° / 63.0 + 29.0°
 Efficiency 84 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/type White
 Required components:

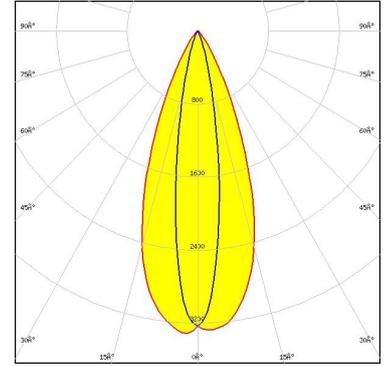


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

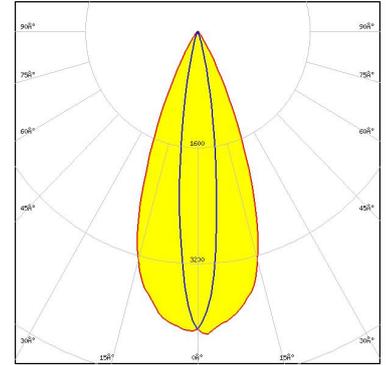
LED LM302D
FWHM / FWTM 41.0 + 18.0° / 66.0 + 36.0°
Efficiency 87 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5
FWHM / FWTM 41.0 + 15.0° / 62.0 + 29.0°
Efficiency 90 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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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