

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 ⓘ



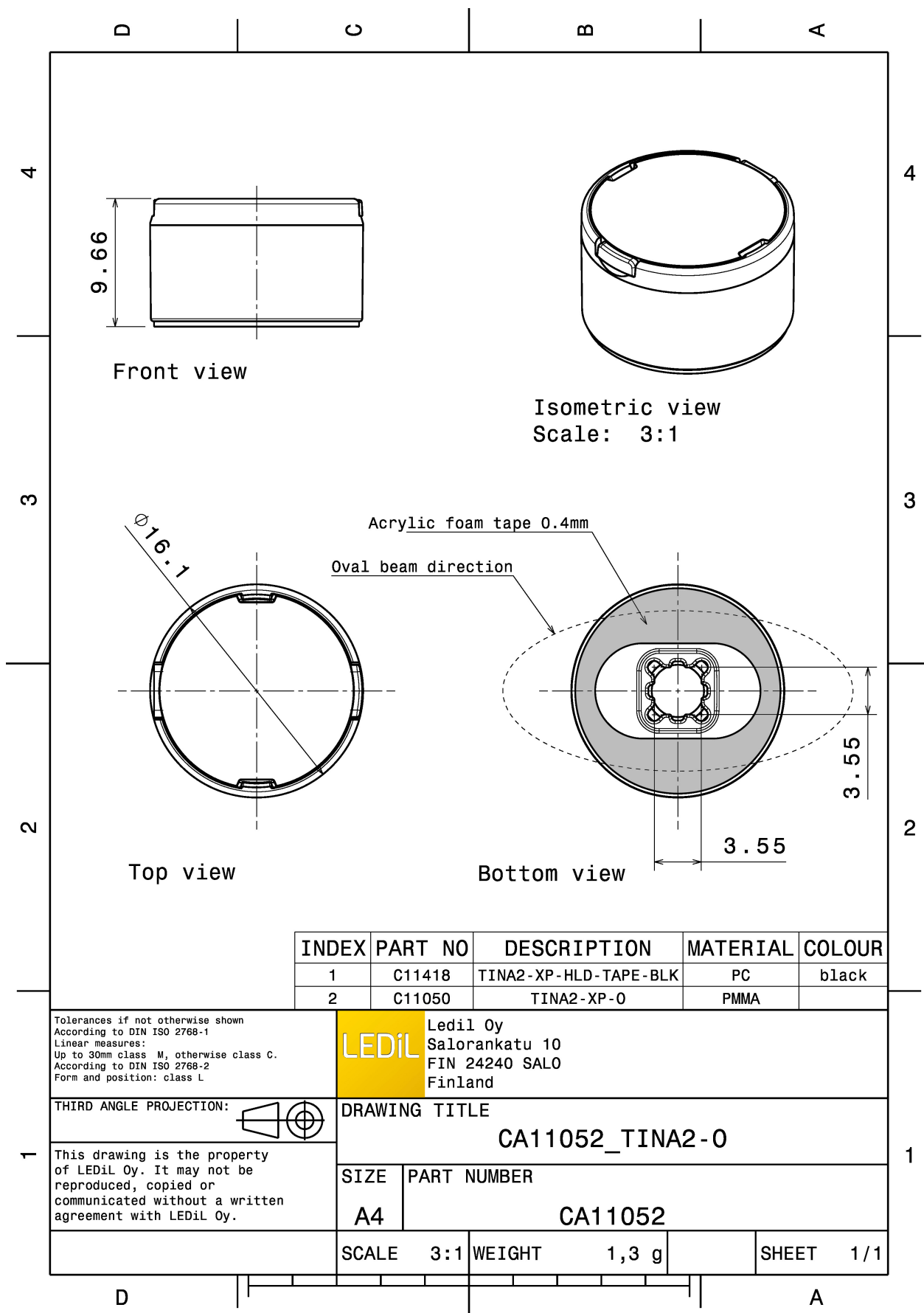
LEDiL

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

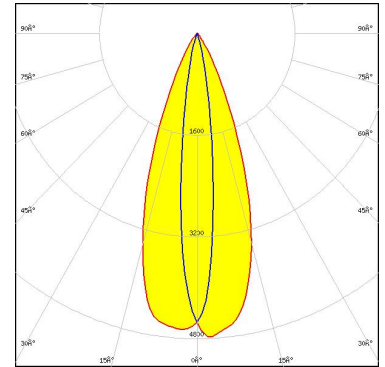


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



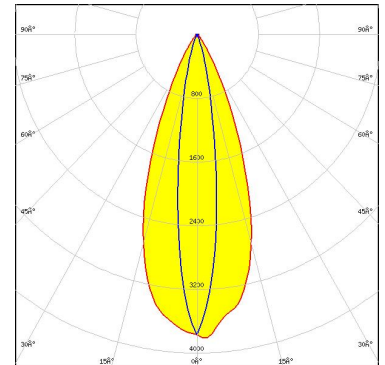
LED XP-E
FWHM / FWTM 32.0 + 14.0° / 52.0 + 32.0°
Efficiency 87 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



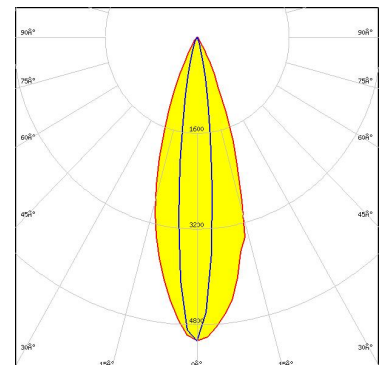
LED XP-E-HEW
FWHM / FWTM 34.0 + 16.0° / 58.0 + 36.0°
Efficiency %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

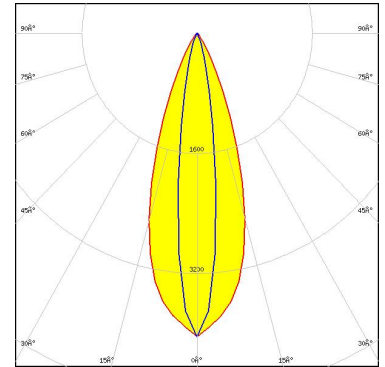


Light distribution files

OPTICAL RESULTS (MEASURED):



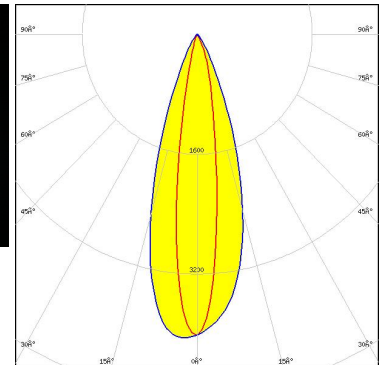
LED XP-G
 FWHM / FWTM 35.0 + 16.0° / 58.0 + 35.0°
 Efficiency 87 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



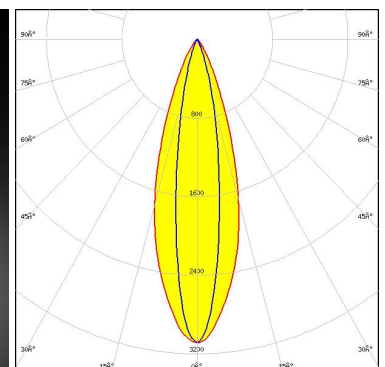
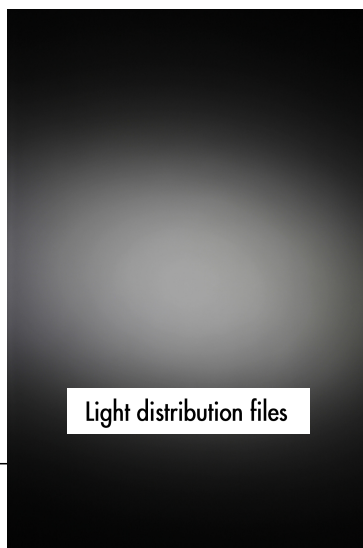
LED XP-G2
 FWHM / FWTM 34.0 + 16.0° / 57.0 + 34.0°
 Efficiency 87 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



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:

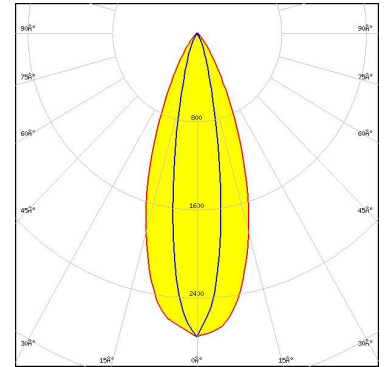


Light distribution files

OPTICAL RESULTS (SIMULATED):



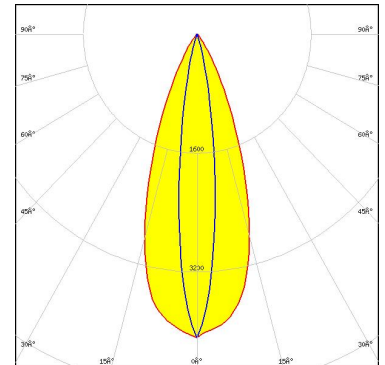
LED XP-G2 HE
 FWHM / FWTM 39.0 + 18.0° / 68.0 + 39.0°
 Efficiency 77 %
 Peak intensity 2.8 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



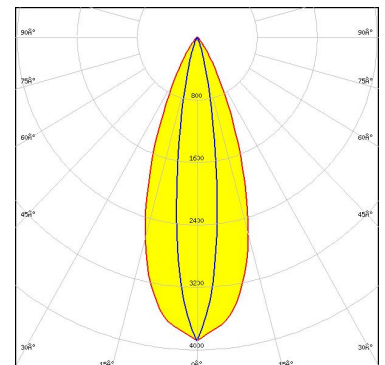
LED LUXEON C
 FWHM / FWTM 38.0 + 14.0° / 63.0 + 29.0°
 Efficiency 84 %
 Peak intensity 4.1 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

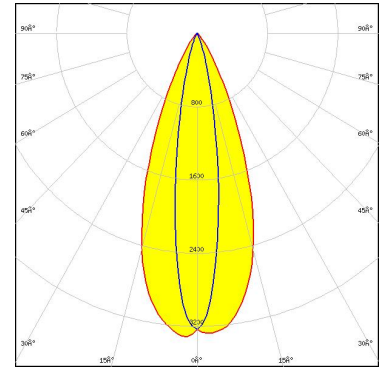


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

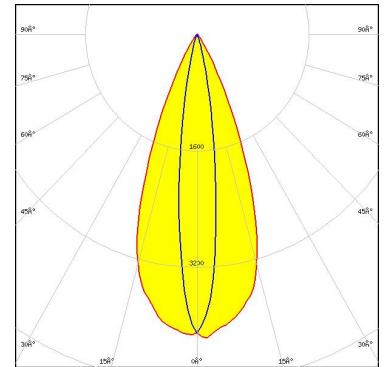
LED LM302D
FWHM / FWTM 41.0 + 18.0° / 66.0 + 36.0°
Efficiency 87 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
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