

## TINA2-O-WAS

Asymmetric beam for wall-washing. Assembly with black holder and installation tape.

## SPECIFICATION:

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

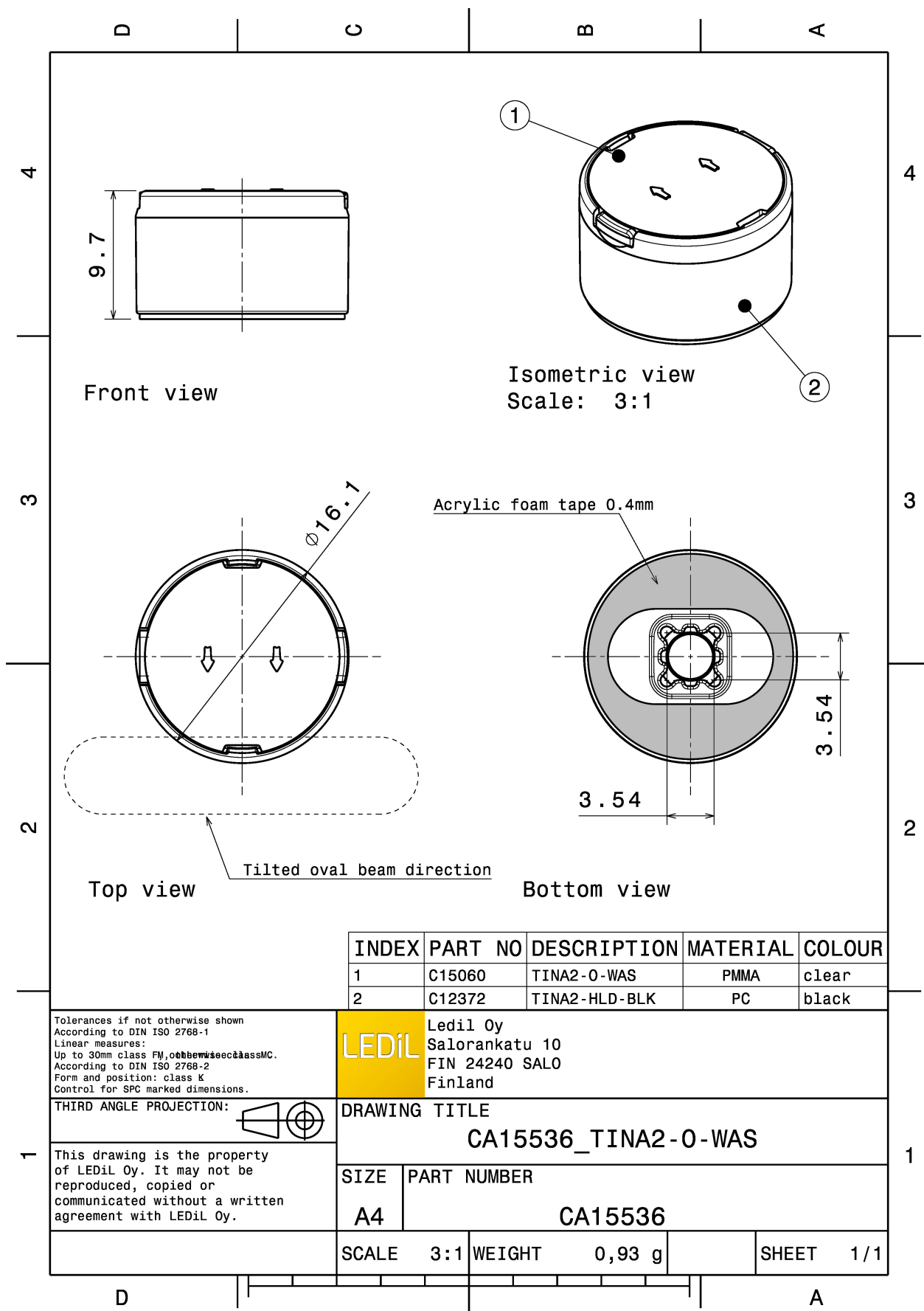


## MATERIALS:

Component	Type	Material	Colour	Finish	Length
TINA2-O-WAS	Single lens	PMMA	clear		15.9
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black		16.1
TINA-TAPE3	Tape	Acrylic foam	black		16.0

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA15536_TINA2-O-WAS » Box size: 451 x 241 x 298 mm	4140	230	230	0.0

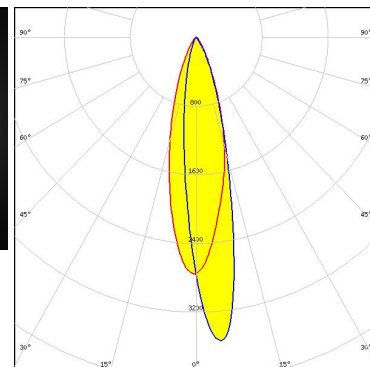


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	OSLON Square PC
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

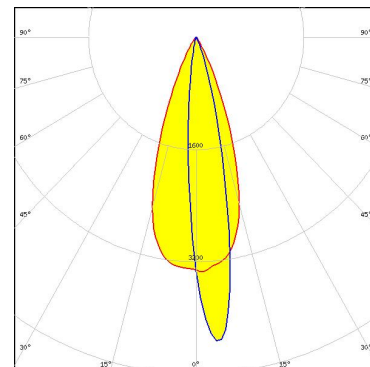


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



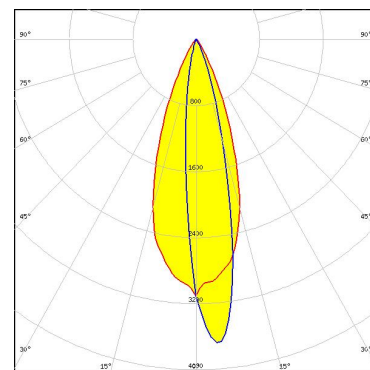
LED XP-E2  
 FWHM / FWTM Asymmetric  
 Efficiency 90 %  
 Peak intensity 4.4 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



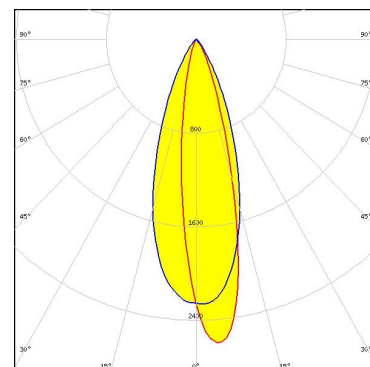
LED XP-G2  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 3.7 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-G2 HE  
 FWHM / FWTM Asymmetric  
 Efficiency 78 %  
 Peak intensity 2.6 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

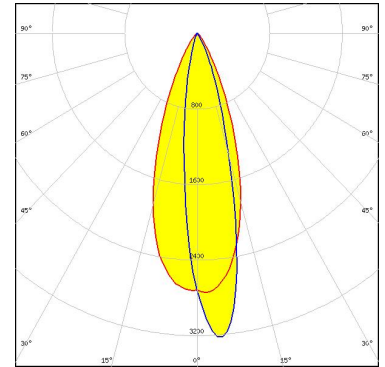


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



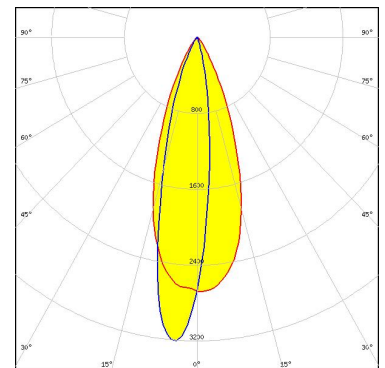
LED XP-G4  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



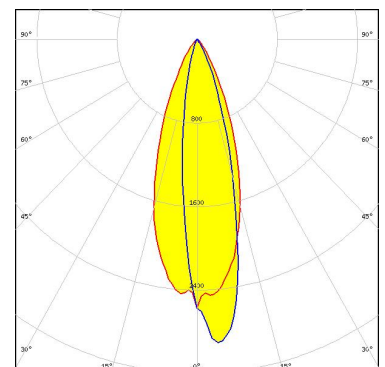
LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 86 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

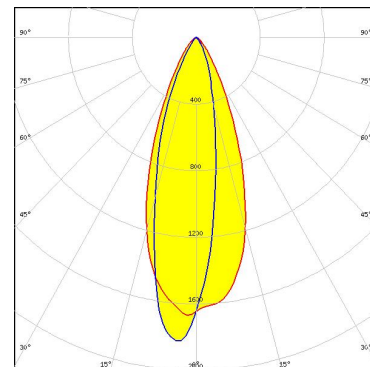


Light distribution files

## OPTICAL RESULTS (SIMULATED):



LED	Z8Y22
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	1.8 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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#### 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/  
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