

TINA2-RS

~14° spot beam. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

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

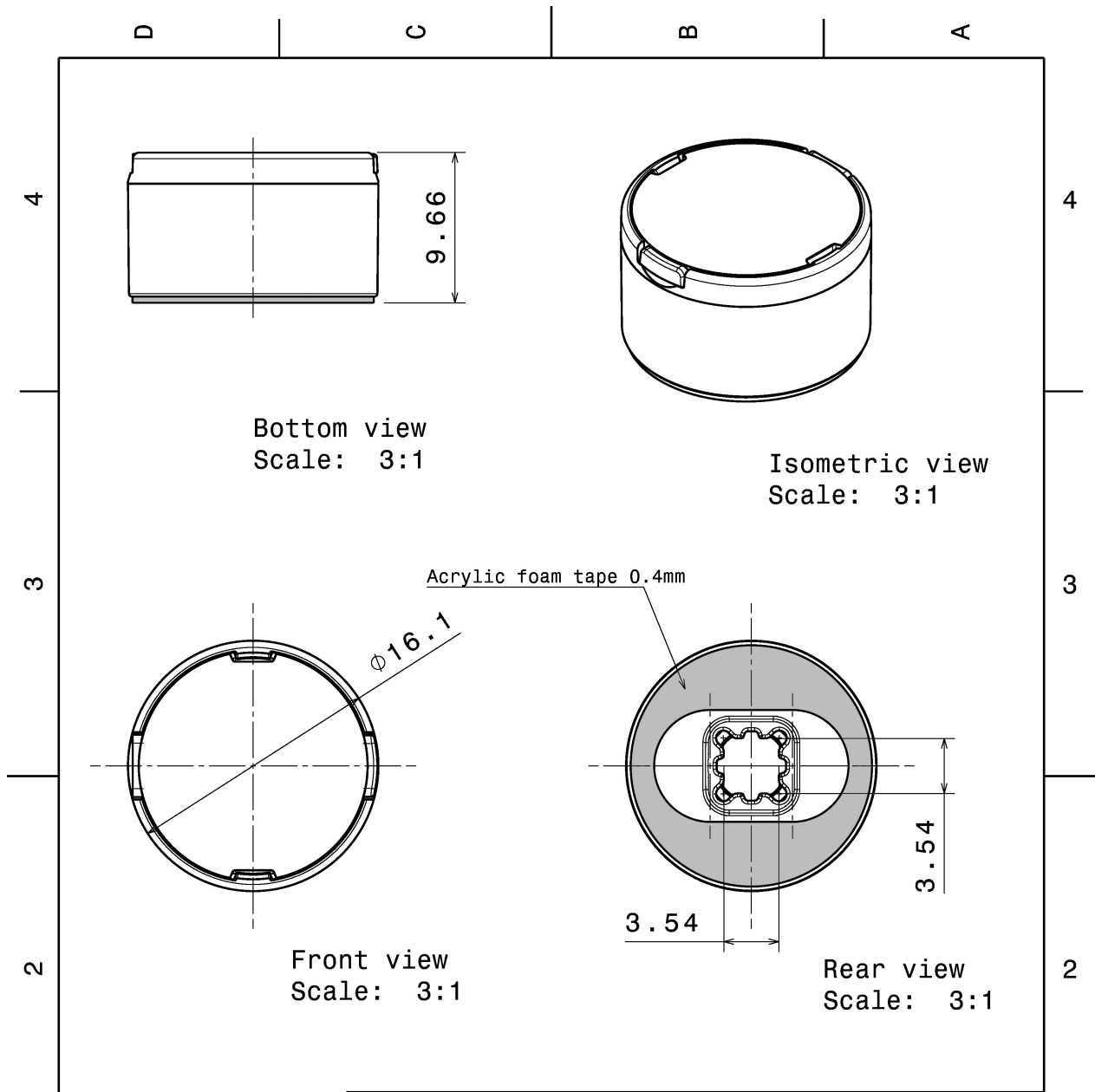


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-RS	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)
CA11016_TINA2-RS	Single lens	4140	230	230	8.1
» Box size: 451 x 241 x 298 mm					



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

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
TINA2-XP-series assembly

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SIZE	PART NUMBER
A4	-

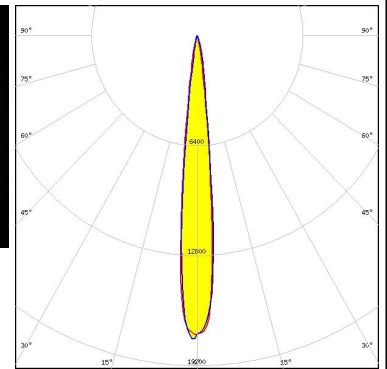
SCALE	3:1	WEIGHT	1,3 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

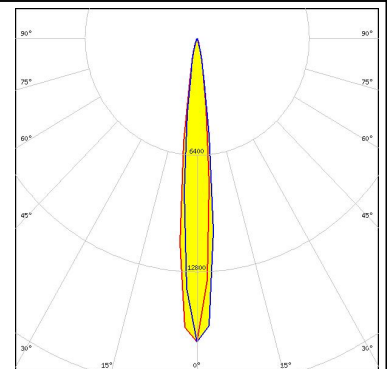
CREE

LED XP-E
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 90 %
 Peak intensity 17.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



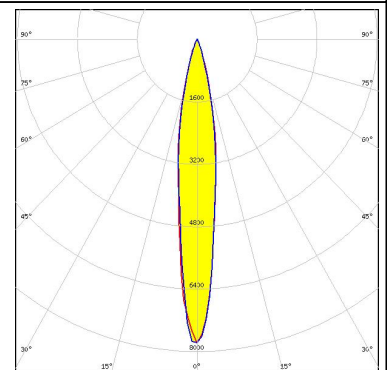
CREE

LED XP-E2
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 89 %
 Peak intensity 16.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



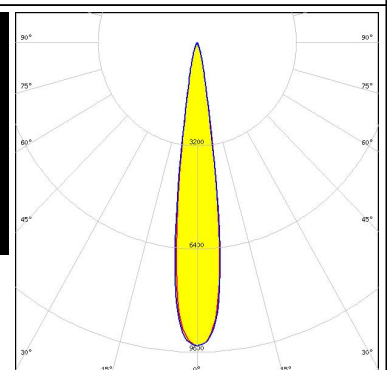
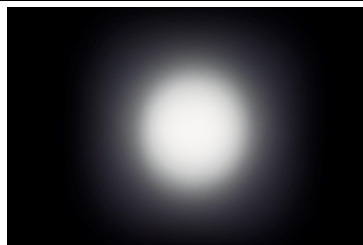
CREE

LED XP-G
 FWHM / FWTM 15.0° / 30.0°
 Efficiency 93 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

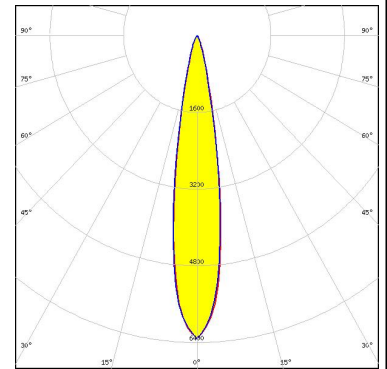
LED Fortimo FastFlex 2x8 DS G3
 FWHM / FWTM 15.0° / 27.0°
 Efficiency 86 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

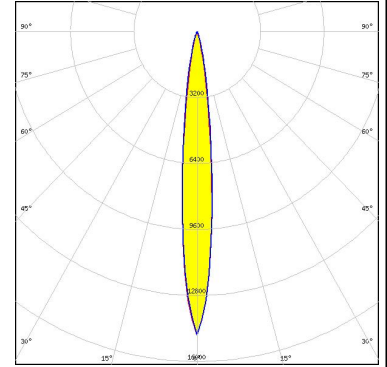
CREE 

LED XP-G2 HE
 FWHM / FWTM 18.0° / 33.0°
 Efficiency 80 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



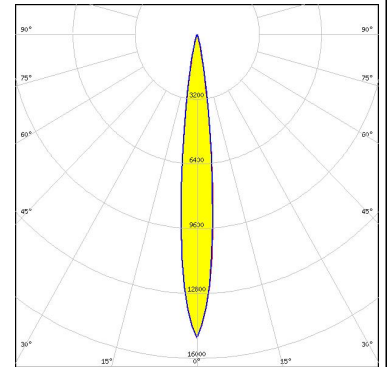
OSRAM
Opto Semiconductors

LED KW CSLPM1.TG
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 92 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



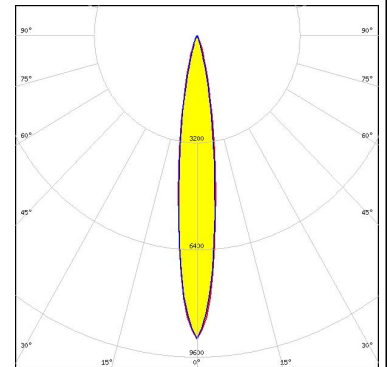
OSRAM
Opto Semiconductors

LED OSCONIQ C 2424
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 92 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

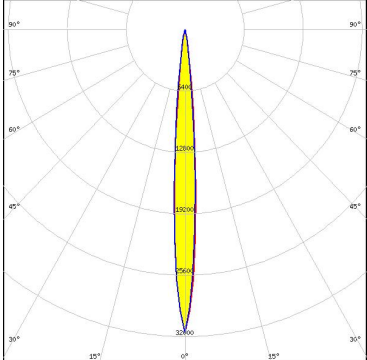
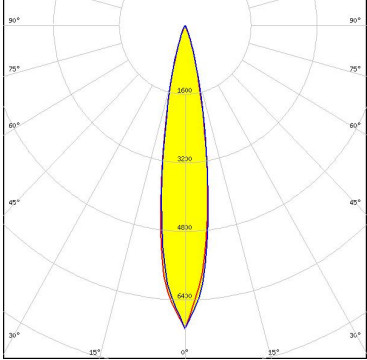


OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 91 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4170S FWHM / FWTM 8.5° Efficiency 78 % LEDs/each optic 1 Light colour White Required components:</p>	<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED Z5 FWHM / FWTM 8.0° / 17.0° Efficiency 91 % Peak intensity 31.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> 
<p>SEOUL SEOUL SEMICONDUCTOR</p> <p>LED Z5M4 FWHM / FWTM 18.0° / 36.0° Efficiency 92 % Peak intensity 7.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> 	

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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