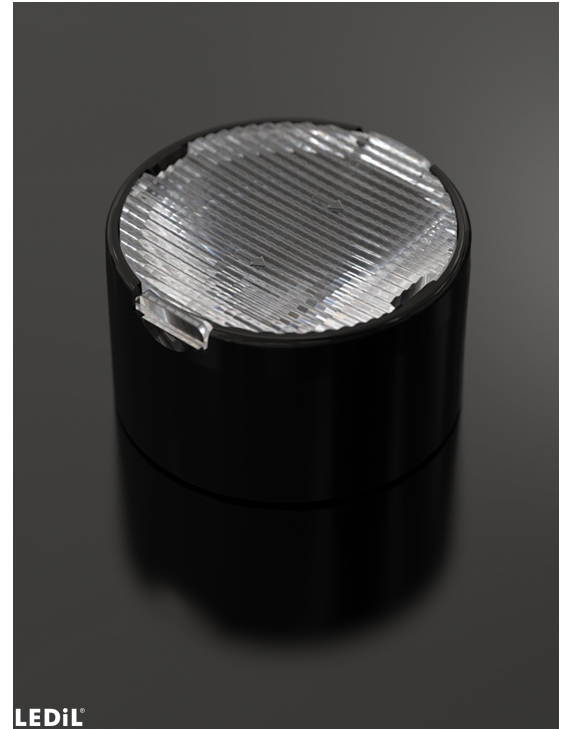


TINA2-O-WAS

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

SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

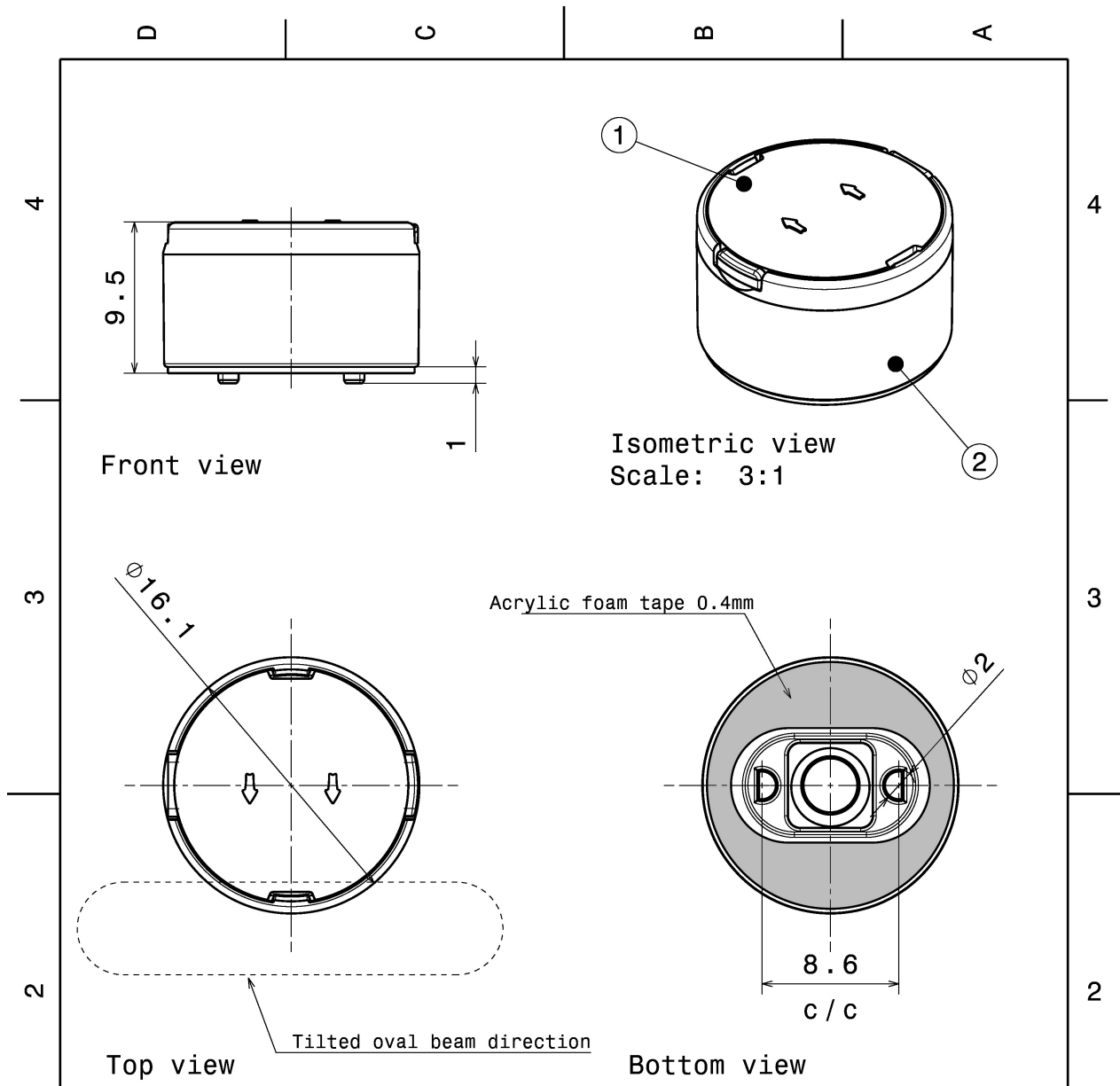


MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA15365_TINA2-O-WAS	Single lens	4140	230	230	8.0
» Box size: 451 x 241 x 298 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15060	TINA2-O-WAS	PMMA	
2	C12372	TINA2-HLD-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

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Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA15365_TINA2-O-WAS

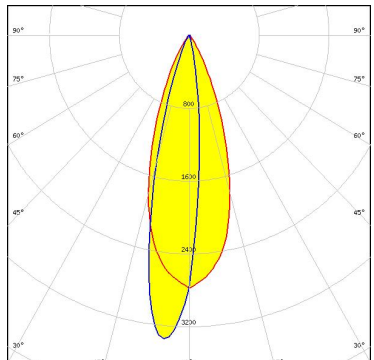
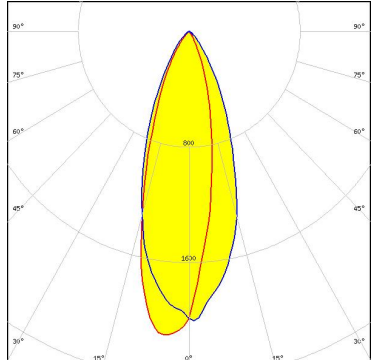
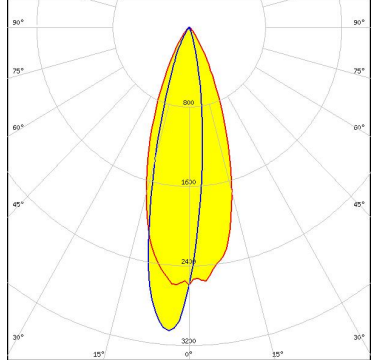
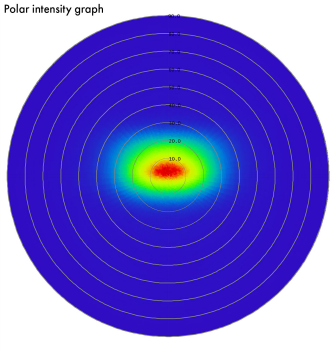
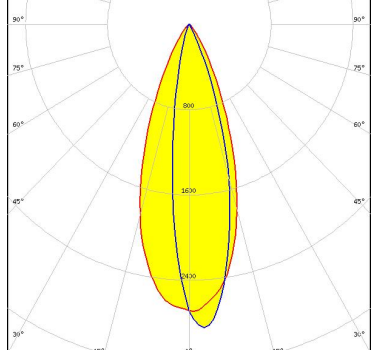
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SIZE	PART NUMBER
A4	CA15365

SCALE	3:1	WEIGHT	1,7 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: Asymmetric Efficiency: 83 % Peak intensity: 3.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: Asymmetric Efficiency: 88 % Peak intensity: 2.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: Asymmetric Efficiency: 86 % Peak intensity: 3.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: SFH 4725AS FWHM / FWTM: 38.0 + 23.0° / 66.0 + 40.0° Efficiency: 88 % LEDs/each optic: 1 Light colour: IR Required components:</p>	<p>Polar intensity graph</p> 	

OPTICAL RESULTS (SIMULATED):



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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