TINA2-RS

~14° spot beam optimized for Citizen CL-L400. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10.5 mm
Fastening	tape
Colour	white
Box size	451 x 241 x 298 mm
Box weight	0 kg
Quantity in Box	4140 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-RS	Single lens	PMMA	clear
TINA2-HLD-CLL	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black

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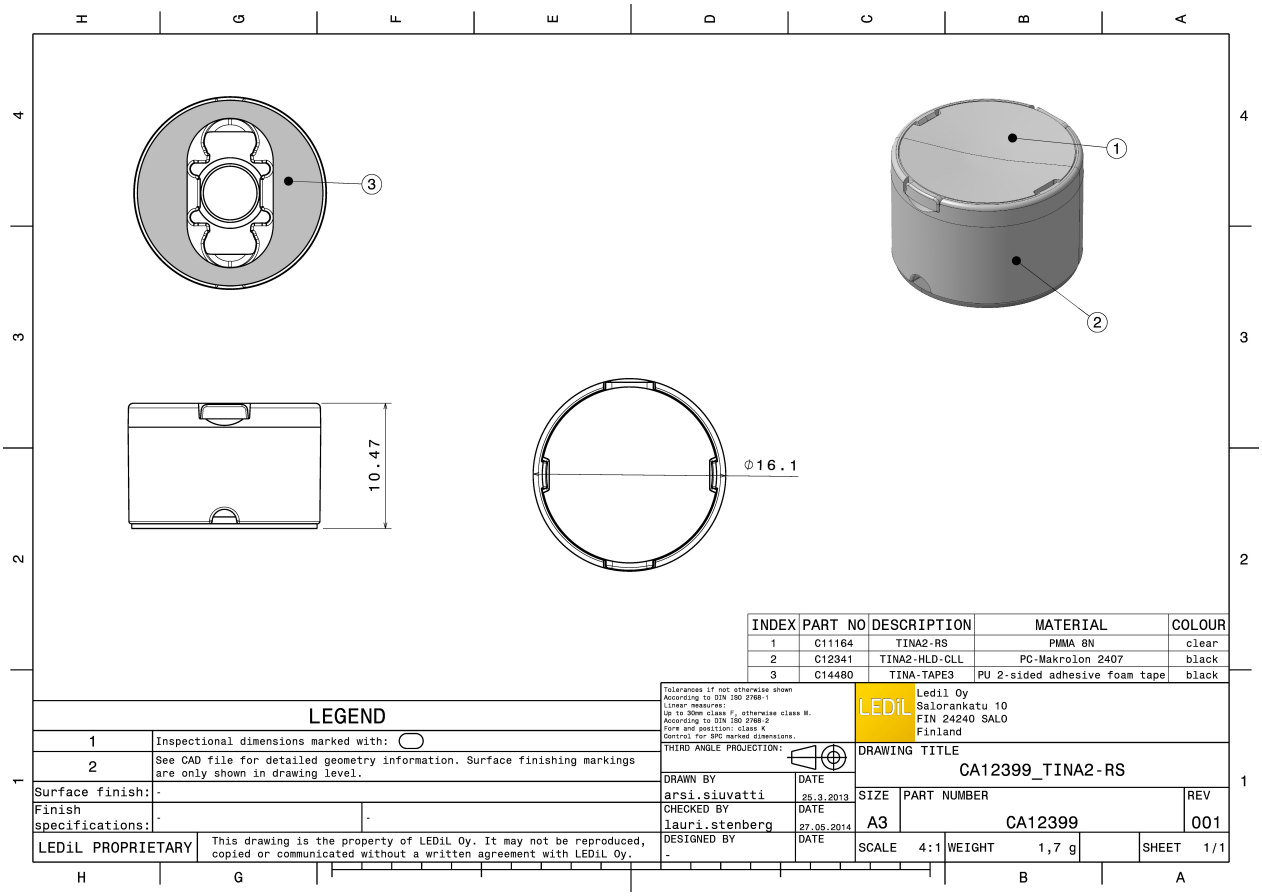

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C11164	TINA2-RS	PMMA 8N	clear
2	C12341	TINA2-HLD-CLL	PC-Makrolon 2407	black
3	C14480	TINA-TAPE3	PU 2-sided adhesive foam tape	black

LEGEND	
1	Inspectional dimensions marked with: ⬭
2	See CAD file for detailed geometry information. Surface finishing markings are only shown in drawing level.
Surface finish:	-
Finish specifications:	- / -
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Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class F, otherwise class M.
According to DIN ISO 2768-2
Form and position: class K
Control for SPC marked dimensions.

THIRD ANGLE PROJECTION:

DRAWN BY	arsi.siuvatti	DATE 25.3.2013
CHECKED BY	lauri.stenberg	DATE 27.05.2014
DESIGNED BY	-	DATE

LEDiL
Ledil Oy
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Finland

DRAWING TITLE
CA12399_TINA2-RS

SIZE	PART NUMBER	REV
A3	CA12399	001

SCALE 4:1 | WEIGHT 1,7 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED	CL-L400
FWHM	24.0°
Efficiency	94 %
Peak intensity	3.800 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

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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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