

TINA3-OO

~60° x 40° oval beam optimized for LUXEON Rebel ES. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

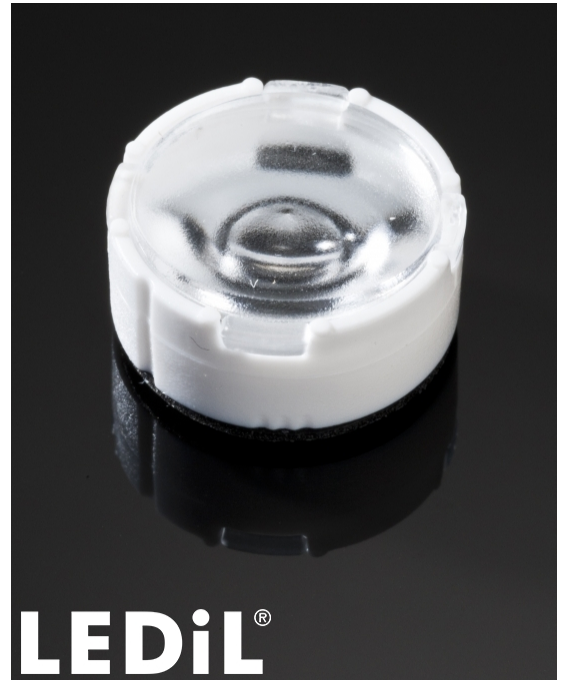
Dimensions	Ø 16.1 mm
Height	6.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

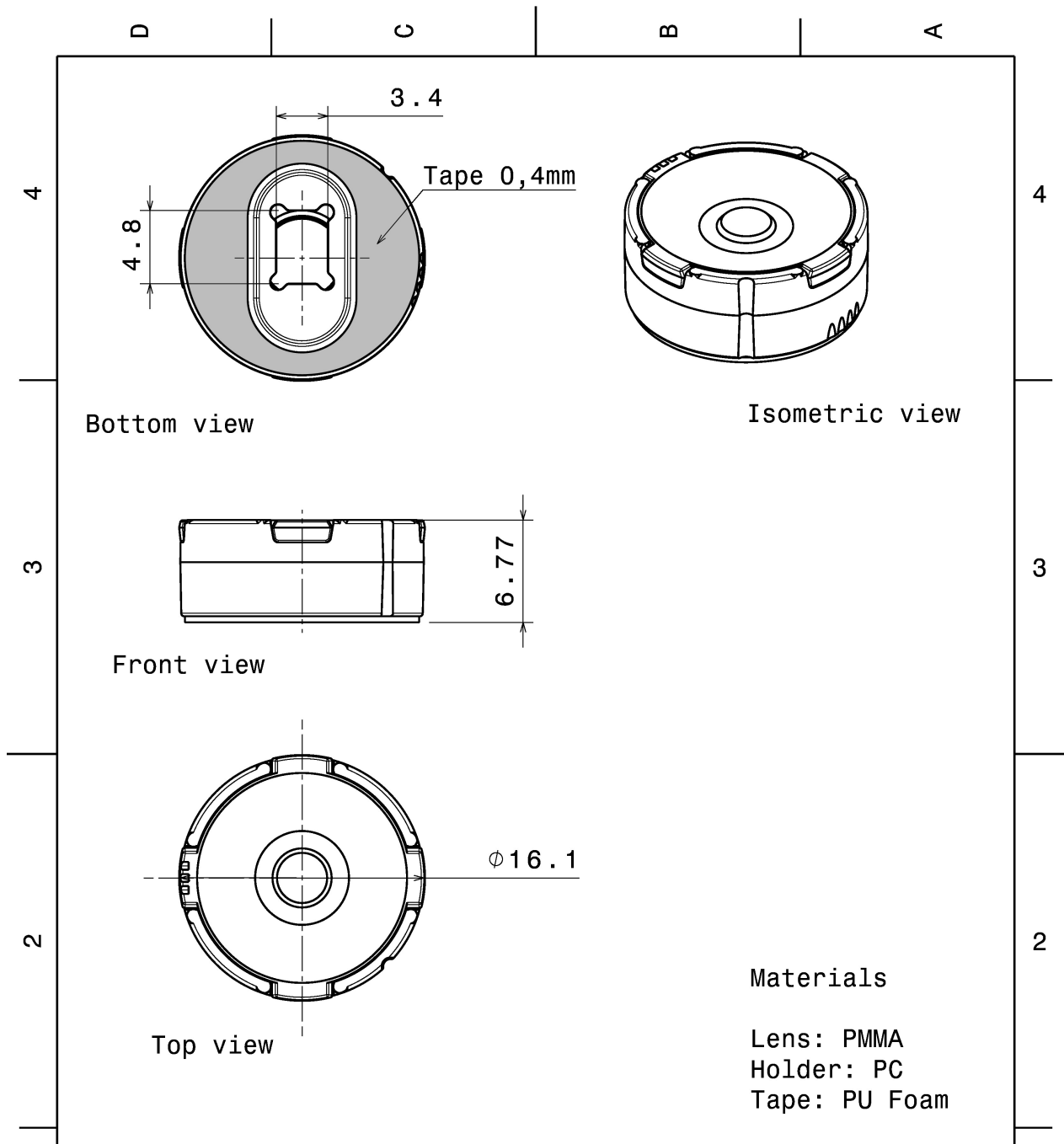
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA3-OO-XP	Single lens	PMMA		
TINA3-HLD-RE-ES-TAPE	Holder	PC		
TINA-TAPE3	Tape	PU tape		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13180_TINA3-OO	Single lens	5750		230	7.9
» Box size: 451 x 241 x 298 mm					





Materials

Lens: PMMA
Holder: PC
Tape: PU Foam

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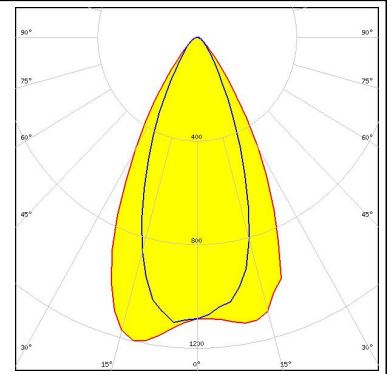
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Finland

DRAWN BY as		DATE 21.9.2012	DRAWING TITLE Mechanical Drawing TINA3-RE-ES				1
CHECKED BY VS	DATE -	SIZE A4	PART NUMBER			REV 001	
DESIGNED BY -	DATE -	SCALE 3:1	WEIGHT -	SHEET 1/1			

PHOTOMETRIC DATA (MEASURED):



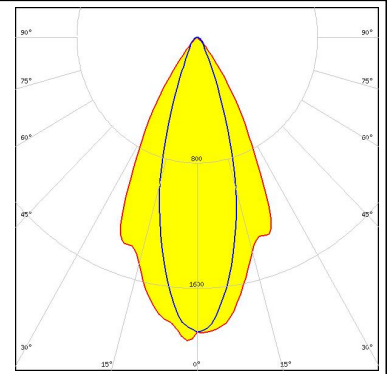
LED LUXEON Rebel ES
FWHM 57.0 + 40.0°
Efficiency 91 %
Peak intensity 1.100 cd/m
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM	53.0 + 31.0°
Efficiency	95 %
Peak intensity	1.938 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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