

TINA-WW

~60° wide beam. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	pin, tape
ROHS compliant	yes ⓘ

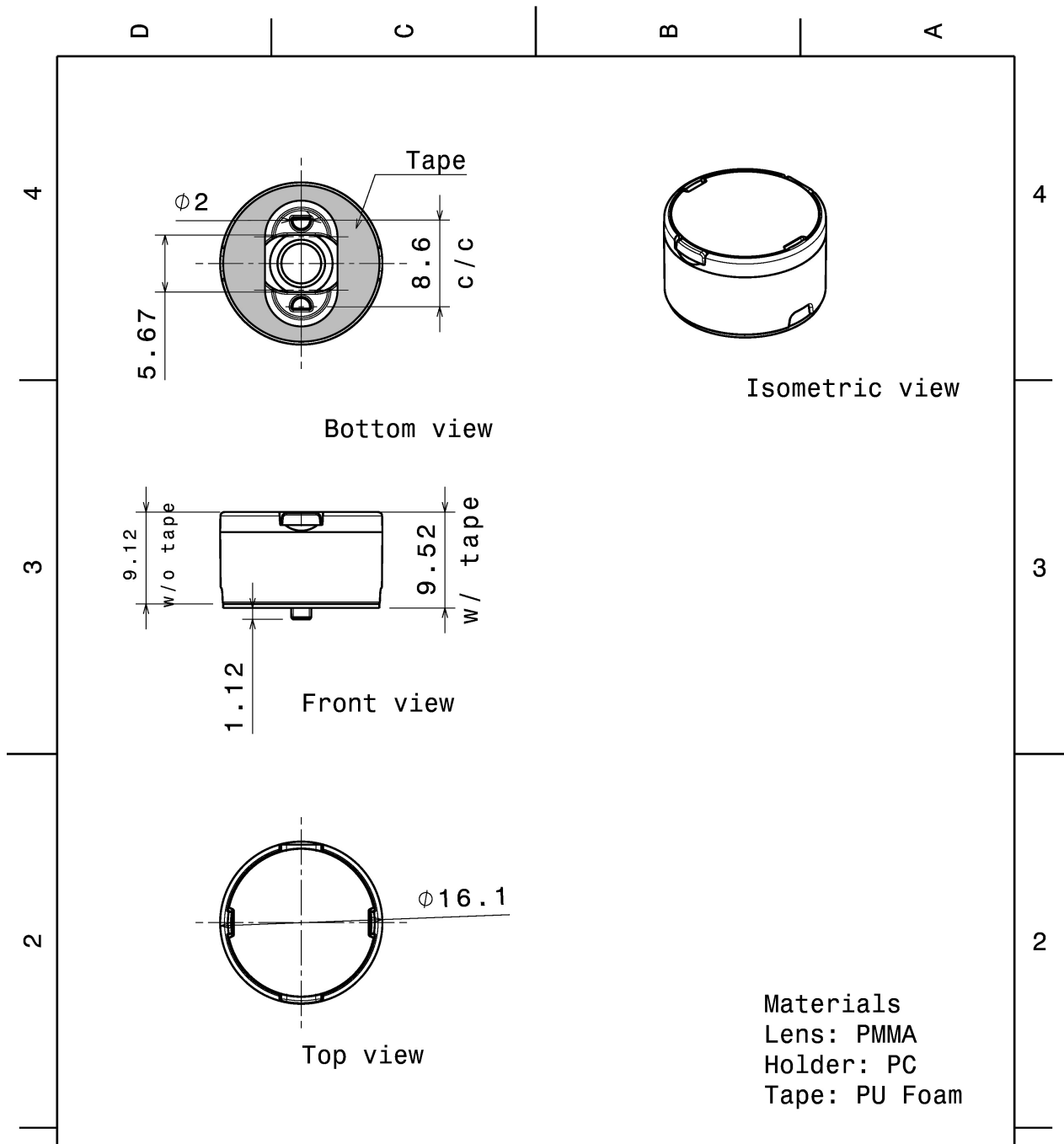
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-WW-XP	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	PU tape	black	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11027_TINA-WW	Single lens	2016	288	144	4.0
» Box size:					



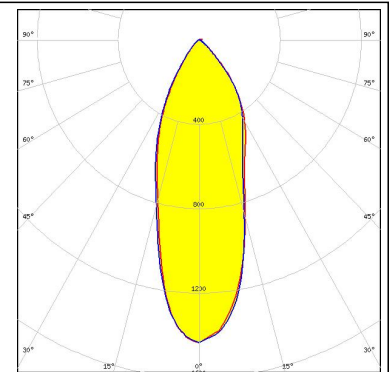
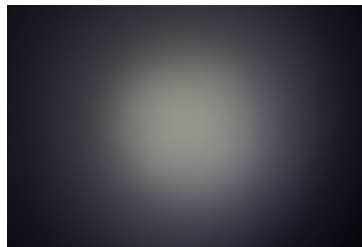
Materials
 Lens: PMMA
 Holder: PC
 Tape: PU Foam

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DRAWING TITLE		Mechanical Drawing	
DRAWN BY	DATE	TINA-OSL	
as	10.9.2012		
CHECKED BY	DATE	SIZE	PART NUMBER
sn	-	A4	TINA-OSL
DESIGNED BY	DATE	SCALE	WEIGHT
-	-	2:1	1,47 g
		SHEET	1/1

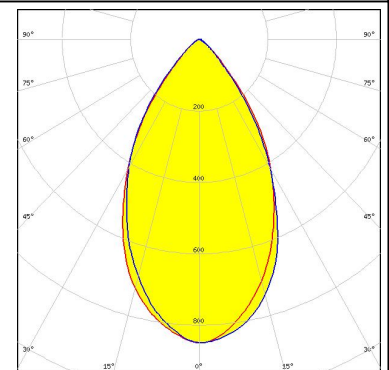
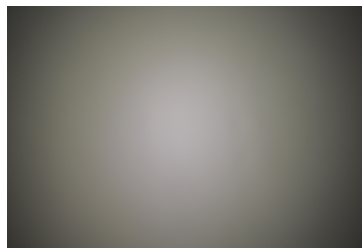
PHOTOMETRIC DATA (MEASURED):



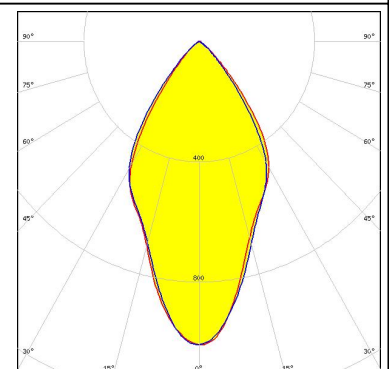
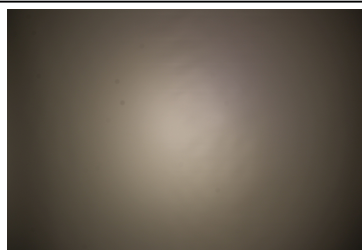
LED LUXEON C
 FWHM 35.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSW3x9A
 FWHM 59.0°
 Efficiency 84 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors
 LED OSOLON SSL 80
 FWHM 57.0°
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors
 LED SFH 4715S
 FWHM 36.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):

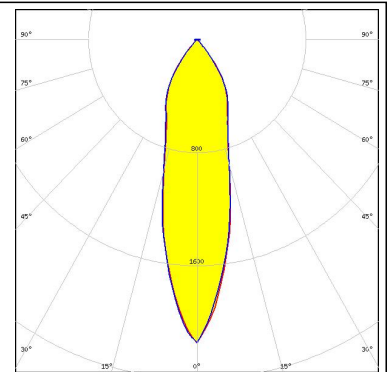
OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

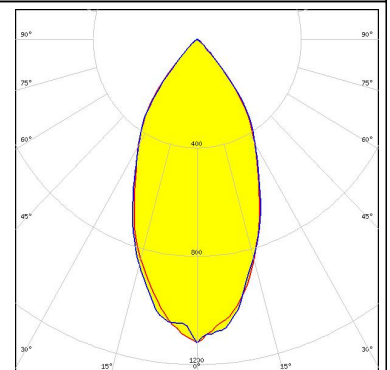
PHOTOMETRIC DATA (SIMULATED):



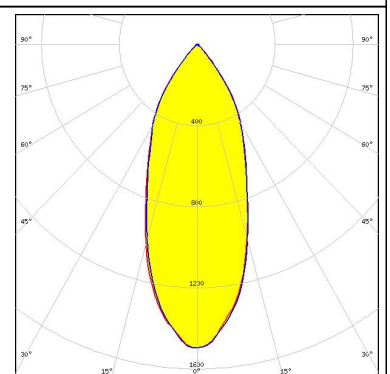
LED NCSxE17A
FWHM 27.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 50.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH181B
FWHM 40.1°
Efficiency 94 %
Peak intensity 1.5 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:

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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