

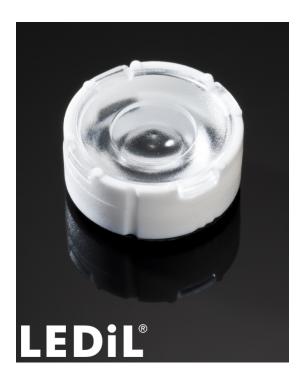
TINA3-WW

~55° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

yes 🛈

TECHNICAL SPECIFICATIONS:

- DimensionsØ 16.1 mmHeight7.1 mmFasteningpin, tape
- ROHS compliant



MATERIAL SPECIFICATIONS:

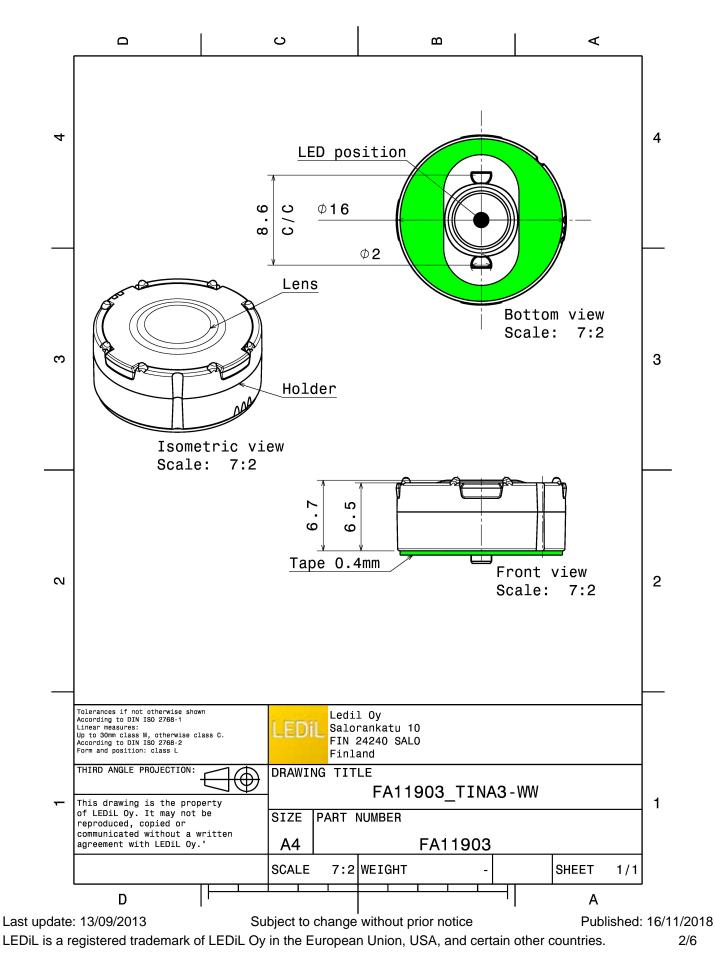
Component	Туре	Material	Colour	Finish
TINA3-WW	Single lens	PMMA	clear	
TINA3-HLD-PIN-TAPE-XP	Holder	PC	white	
TINA-TAPE3	Таре	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11903_TINA3-WW	Single lens	2016	288	288	3.2
» Box size: 470 x 240 x 105 mm					









PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XM-L 56.0° 91 % 0.9 cd/lm 1 White	24
CREE \$	XM-L2 56.0° 89 % 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XP-L HD 53.0° 91 % 0.9 cd/lm 1 White	54 500 500 500 500 500 500 500 500 500 5
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XP-L HI 54.0° 91 % 1 cd/Im 1 White	200 21 20 20 20 20 20 20 20 20 20 20



PHOTOMETRIC DATA (MEASURED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XT-E 46.0° 92 % 1.2 cd/Im 1 White	20° - 20° -
ETRICEION NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NS9x383 65.0° 90 % 0.7 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F 51.0° 92 % 1 cd/Im 1 White	20° 22° 0° 22° 22°



PHOTOMETRIC DATA (SIMULATED):

CREE ≑		89
LED	XD16	75
FWHM	61.0°	
Efficiency	91 %	60 ¹
Peak intensity	0.8 cd/lm	
LEDs/each optic	4	
Light colour	White	er
Required compone	nts:	
CREE ≑		<u>5</u> 0° 15'
LED	XM-L HVW	
FWHM	62.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
	nts:	



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

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