

PRODUCT DATASHEET FA11903_TINA3-WW

TINA3-WW

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

SPECIFICATION:

Dimensions Height Fastening ROHS compliant



MATERIALS:

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

Ø 16.1 mm

7.1 mm

tape, pin

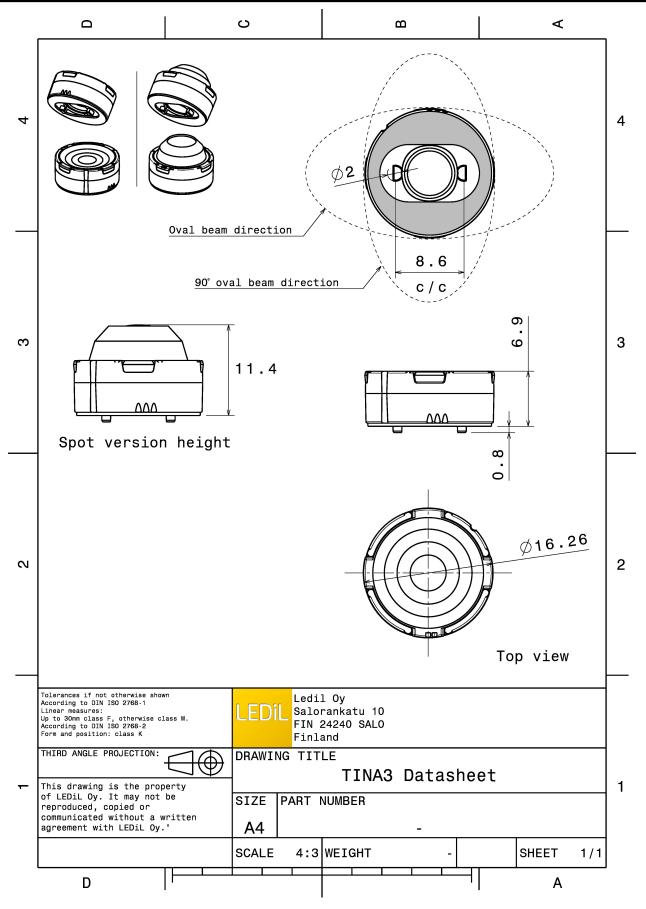
yes 🛈

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					



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See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XM-L 56.0° / 100.0° 91 % 0.9 cd/lm 1 White nts:	27 27 27 20 00 00 00 00 00 00 00 00 00
CREE LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XM-L2 56.0° / 101.0° 89 % 1 White nts:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 53.0° / 103.0° 91 % 0.9 cd/lm 1 White nts:	20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HI 54.0° / 94.0° 91 % 1 cd/lm 1 White nts:	



OPTICAL RESULTS (MEASURED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 46.0° / 96.0° 92 % 1.2 cd/lm 1 White ents:		20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NS9x383 65.0° / 108.0° 90 % 0.7 cd/lm 1 White		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219F 51.0° / 98.0° 92 % 1 cd/lm 1 White		



OPTICAL RESULTS (SIMULATED):

		90° 90°
LED	XD16	
FWHM / FWTM	61.0° / 101.0°	75*
	91 %	
Efficiency	91 % 0.8 cd/lm	60° 60°
Peak intensity		
LEDs/each optic	4	400
Light colour	White	\mathbb{K} / / \mathbb{A} \mathbb{X}
Required components:		
		30* 125 0* 25* 30*
LEDS		
LED	XM-L HVW	
FWHM / FWTM	62.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required components:		
		7
		50°
CREE ÷ LEDs	XP-G2	9)* 9)*
	XP-G2 49.0° / 95.0°	<u>9'</u> <u>9'</u>
LED		
LED FWHM / FWTM	49.0° / 95.0°	55 ⁴ 75 60 40 60 60
LED FWHM / FWTM Efficiency	49.0° / 95.0° 95 %	55 ⁴ 50 ²
LED FWHM / FWTM Efficiency Peak intensity	49.0° / 95.0° 95 % 1.2 cd/lm	5° 5° 6° 6° 6° 6° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 95.0° 95 % 1.2 cd/lm 1	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1	73° 73° 73° 73° 73° 73° 73° 73° 73° 73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1	73° 73° 73° 73° 73° 73° 73° 73° 73° 73°
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0°	30. 30. 30. 30. 100 60. 60. 60. 60. 33. 100 90. 33. 100 90. 33. 100 90. 33. 100 90. 33. 100 90. 33. 100 90.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 %	20- 20- 20- 20- 20- 20- 20- 20-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm	20- 20- 20- 20- 20- 20- 20- 20-
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm	20- 20- 20- 20- 20- 20- 20- 20-
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	49.0° / 95.0° 95 % 1.2 cd/lm 1 White XP-G3 48.0° / 96.0° 92 % 1.1 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

	DS	51 ⁴ 51 ⁴
LED FWHM / FWTM Efficiency	LUXEON HL2X 57.0° / 102.0° 94 %	72 280
Peak intensity LEDs/each optic	0.9 cd/lm 1	
Light colour Required component	White s:	
SAMSU	NG	304
LED	LH351B	7
FWHM / FWTM	59.0° / 102.0°	
Efficiency	94 %	91°
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	a. A
Required component	S:	



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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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