

# PRODUCT DATASHEET FA11019\_TINA-WW

# **TINA-WW**

~60° wide beam optimized for CREE XP-E. Assembly with holder and installation tape.

#### **SPECIFICATION:**

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes 🛈



#### **MATERIALS:**

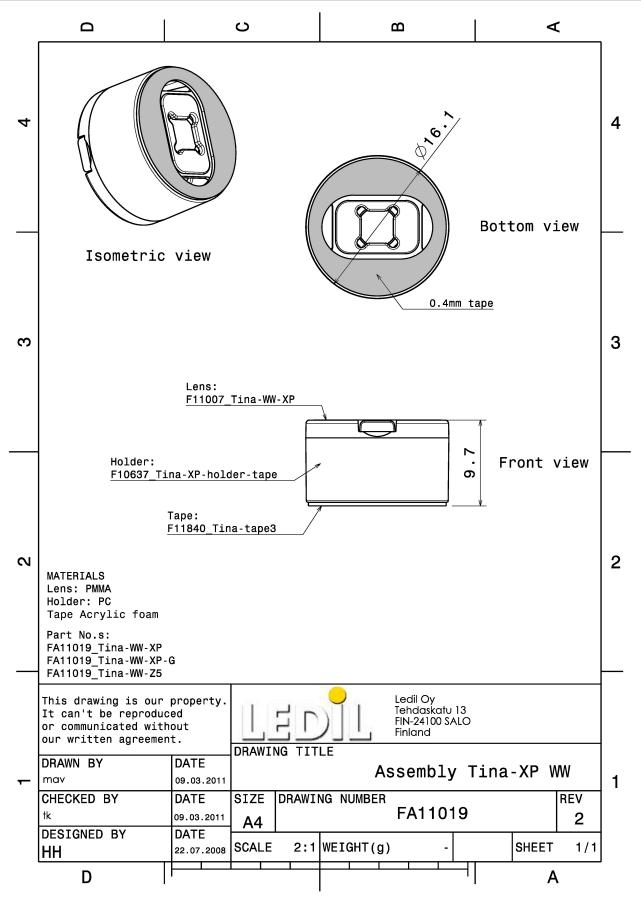
Component	Туре	Material	Colour	Finish
TINA-WW-XP	Single lens	PMMA	clear	
TINA-XP-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11019_TINA-WW	Single lens	2016	288	144	4.1
» Box size:					



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



## **OPTICAL RESULTS (MEASURED):**

CREE ÷		
LED	XP-E	
FWHM / FWTM	58.0° / 94.0°	
Efficiency	93 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Required compone	5113.	
		50° 90°
LED	XP-G	78* 78*
FWHM / FWTM	62.0° / 106.0°	
Efficiency	91 %	600
Peak intensity	0.8 cd/lm	440
LEDs/each optic	1	
Light colour	White	45° 640 53°
Required compone	ents:	
		30* 1000 30*
		<u> </u>
LUMIL	.EDS	90° 90°
LED	LUXEON 2835 Line	25*
FWHM / FWTM	35.0° / 79.0°	400
Efficiency	92 %	60° 60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	¢* 6*
Required compone	ents:	- 1220
		1600
		30* 30*
	EDC	125° 0° 25°
		90* 90*
LED	LUXEON Z ES	75. 25'
FWHM / FWTM	29.0° / 78.0°	
Efficiency	91 %	
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	67° 63°
Required compone	ents:	
		160
		30* 34*
		15° 28%0 15°



## **OPTICAL RESULTS (MEASURED):**

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LED	NCSxE17A	
FWHM / FWTM	23.0° / 66.0°	
Efficiency	86 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	5°
Required compone	ents:	
		30"
		135 <sup>1</sup> 0 <sup>3</sup> 35 <sup>9</sup>
0 0 0 0 0 0		
SAMSI	JNG	90 <sup>4</sup> 90 <sup>4</sup>
	UNG LH351B	
		79
LED	LH351B	
LED FWHM / FWTM	LH351B 67.0° / 98.0°	79
LED FWHM / FWTM Efficiency	LH351B 67.0° / 98.0° 94 %	79
LED FWHM / FWTM Efficiency Peak intensity	LH351B 67.0° / 98.0° 94 % 0.8 cd/lm	79
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B 67.0° / 98.0° 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 67.0° / 98.0° 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 67.0° / 98.0° 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 67.0° / 98.0° 94 % 0.8 cd/lm 1 White	



## **OPTICAL RESULTS (SIMULATED):**

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XQ-E HI 32.0° / 82.0° 96 % 1.6 cd/lm 1 White	20° 00 20° 20° 20° 20° 20° 20° 20° 20°
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XT-E 52.0° / 102.0° % 0.9 cd/lm 1 White	90° 99° 73° 99° 66° 60° 60° 86° 60° 60° 900 900 90°
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	Z5 33.0° % 1 White	