

## **TINA3-WW**

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

### **SPECIFICATION:**

Dimensions Ø 16.1 mm
Height 6.9 mm
Fastening tape, pin
ROHS compliant yes ①



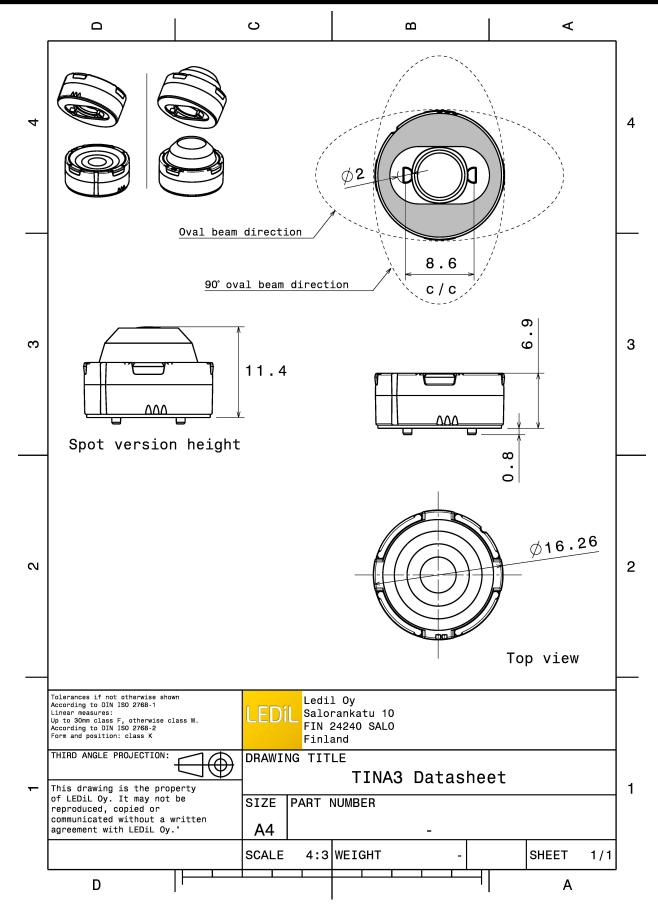
#### **MATERIALS:**

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

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11825_TINA3-WW	Single lens	2016	288	288	3.2
» Box size:					





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

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

## CREE -

LED XP-E
FWHM / FWTM 54.0° / 77.0°
Efficiency 93 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

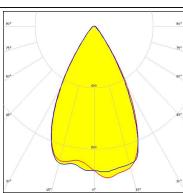
# CREE \$

LED XP-G
FWHM / FWTM 41.0° / 82.0°
Efficiency 93 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

## CREE -

LED XP-L HI
FWHM / FWTM 58.0° / 82.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:





## **DESCRIPTION**

LED LUXEON A
FWHM / FWTM 61.5°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



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



LED LUXEON Rebel
FWHM / FWTM 50.0° / 79.0°
Efficiency 85 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

## **MUMILEDS**

Required components:

LED LUXEON Rebel ES
FWHM / FWTM 62.0° / 82.0°
Efficiency 92 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

## **WNICHIA**

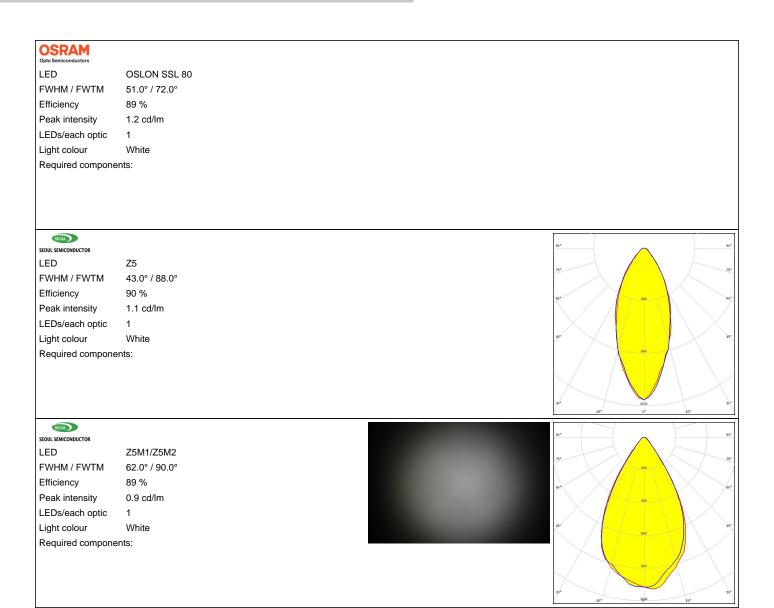
LEDNVSxx19AFWHM / FWTM59.0° / 90.0°Efficiency93 %Peak intensity0.9 cd/lmLEDs/each optic1Light colourWhiteRequired components:

#### **OSRAM**

LED OSLON SSL 150
FWHM / FWTM 44.0° / 73.0°
Efficiency 91 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

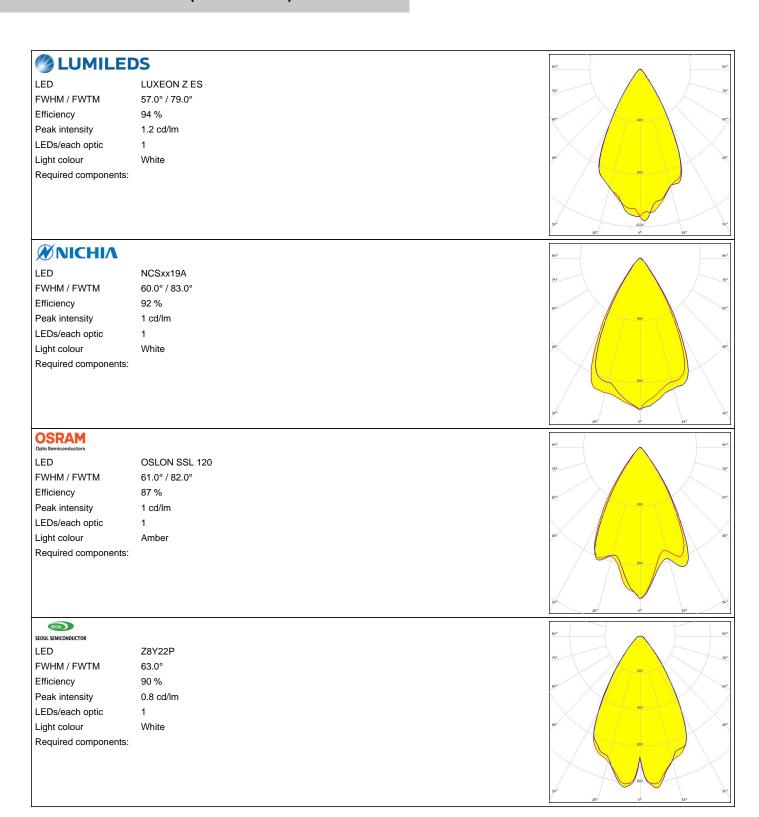


## **OPTICAL RESULTS (MEASURED):**





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





## PRODUCT DATASHEET FA11825\_TINA3-WW

#### **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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