

# PRODUCT DATASHEET CA12376\_TINA2-SS

# TINA2-SS

~20° smooth spot beam. Assembly with holder, installation tape and location pins.

## **SPECIFICATION:**

Dimensions	Ø 16.0
Height	9.3 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



### **MATERIALS:**

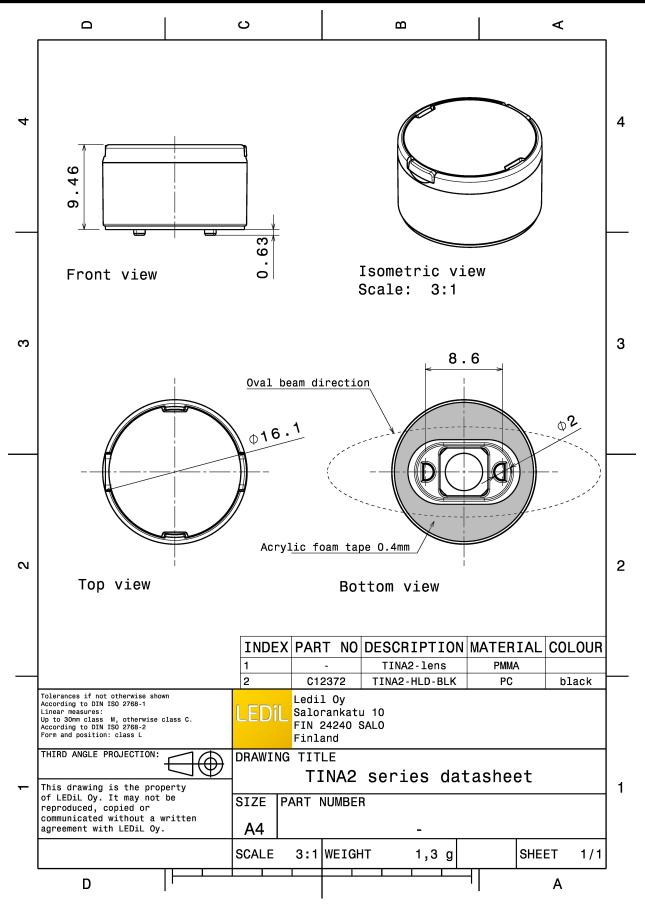
Component	Туре	Material	Colour	Finish	Length (mm)
TINA2-SS	Single lens	PMMA	clear		
TINA2-HLD-BLK	Holder	PC	black		
TINA-TAPE3	Таре	Acrylic foam	black		

## **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12376_TINA2-SS	4140	230	230	8.1
» Box size: 451 x 254 x 197 mm				



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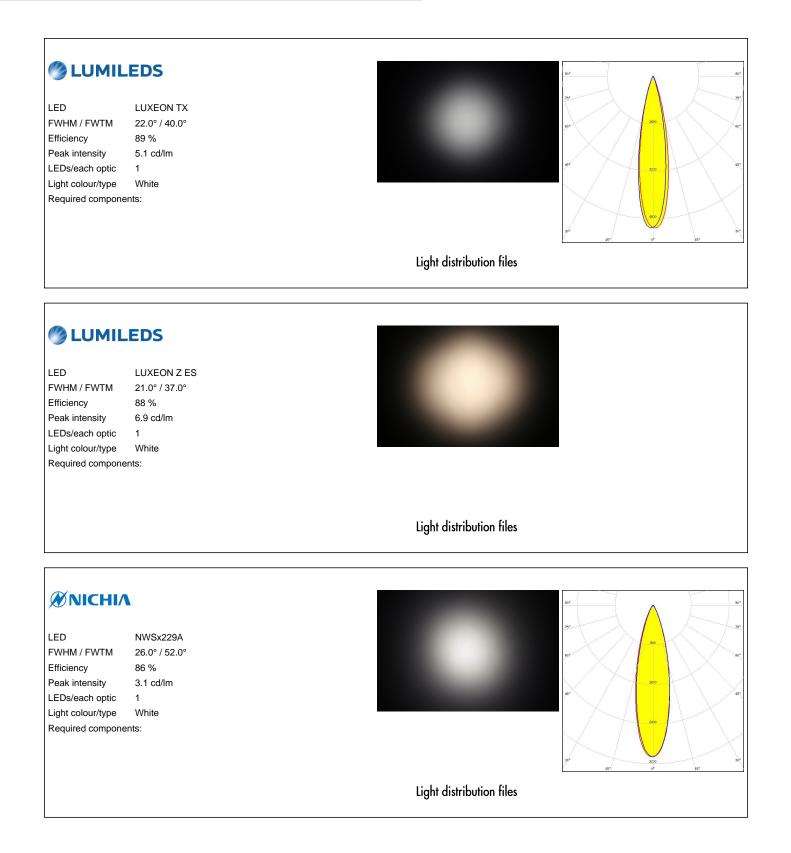


See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



LED XB-H FWHM / FWTM 22.0° / 41.0 Efficiency 87 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour/type White Required components:	
	Light distribution files
LED XQ-E HD FWHM / FWTM 22.0° / 39.0 Efficiency 85 % Peak intensity 6.2 cd/lm LEDs/each optic 1 Light colour/type White Required components:	
	Light distribution files
LUMILEDS LUXEON C FWHM / FWTM 20.0° / 33.0 Efficiency 91 % Peak intensity 7.3 cd/lm LEDs/each optic 1 Light colour/type White Required components:	9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup> 9 <sup>1</sup>
	15 980 15





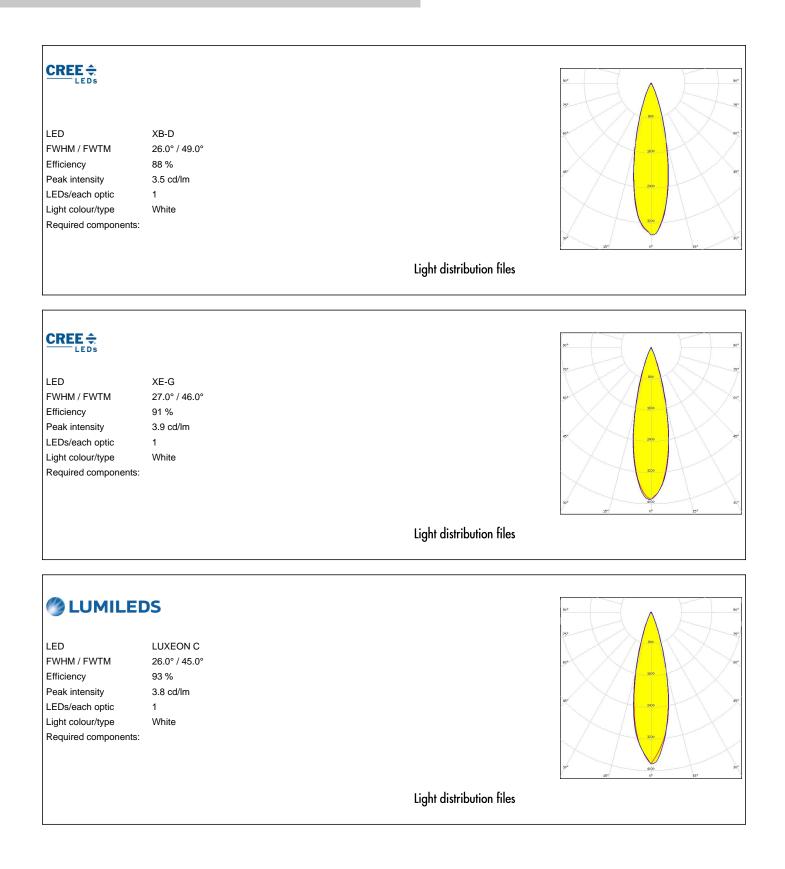


Opto Semiconductors	OSLON Square EC 23.0° / 40.0° 85 % 4.1 cd/lm 1 White ents:	Light distribution files
		5
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	OSLON SSL 150 22.0° / 37.0° 89 % 6.3 cd/lm 1 White ents:	Light distribution files
OSRAM Opto Semiconductors		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required compone	SFH 4725S 20.0° / 39.0° % 1 White ents:	
		Light distribution files



SEOUL					90°	90*
SEOUL SEMICONDUCTOR					75*	A
LED	Z5M3					
FWHM / FWTM	23.0° / 45.0°				60.*	
Efficiency	87 %					1609
Peak intensity	4 cd/lm					
LEDs/each optic	1				93°	45*
Light colour/type	White					X
Required compone	nts:				· 34* 157	0° 23° 38°
			Light distri	ibution files		







#### LUMILEDS LED LUXEON IR Compact FWHM / FWTM 26.0° / 44.0° Efficiency 84 % LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUMILEDS LUXEON Rubix I FD FWHM / FWTM 26.0° / 46.0° Efficiency 92 % 4 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON Rubix LED FWHM / FWTM 26.0° / 45.0° Efficiency 92 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour/type Red Required components: Light distribution files



#### LUMILEDS I FD LUXEON Rubix FWHM / FWTM 26.0° / 46.0° Efficiency 92 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour/type Blue Required components: Light distribution files LUMILEDS LUXEON Z ES I FD FWHM / FWTM 26.0° / 44.0° Efficiency 92 % Peak intensity 4.2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **ΜΝΙCΗΙΛ** LED NFSx757G FWHM / FWTM 27.0° / 47.0° Efficiency 92 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Duris S5 (2 chip) 25.0° / 46.0° 92 % 4.1 cd/lm 1 White		99°
		Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ P 3030 24.0° / 45.0° 91 % 4.4 cd/lm 1 Blue	Light distribution files	25° 65° 65° 65° 55° 55° 55° 55° 55° 55° 5
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Pure 1414 26.0° / 42.0 + 44.0° 92 % 4.4 cd/lm 1 White	Light distribution files	200 200 200 200 200 200 200 200 200 200



Opto Semiconductors	OSLON Square Flat 27.0° / 45.0° 90 % 3.9 cd/lm 1 White	
		Light distribution files
Oppo Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON SSL 80 27.0° / 46.0° 90 % 3.7 cd/lm 1 White	
		Light distribution files
OSRAM Opto Semiconductors		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	SFH 4770S 24.0° / 44.0° 86 % 4.1 cd/lm 1 White	
		Light distribution files



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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.

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#### Distribution Partners www.ledil.com/ where\_to\_buy

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