

# PRODUCT DATASHEET CA12378\_TINA2-W

# TINA2-W

~45° wide beam. Assembly with holder, installation tape and location pins.

### **SPECIFICATION:**

Dimensions	Ø 16.0
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



## **MATERIALS:**

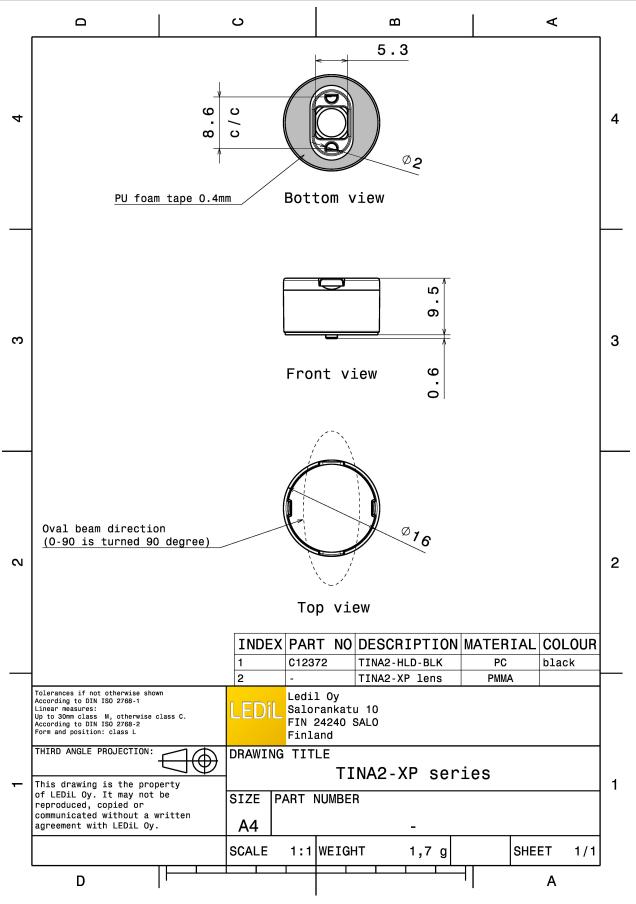
Component	Туре	Material	Colour	Finish	Length (mm)
TINA2-W-XP	Single lens	PMMA	clear		
TINA2-HLD-BLK	Holder	PC	black		
TINA-TAPE3	Tape	Acrylic foam	black		

## **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12378_TINA2-W	4140	230	230	8.3
» Box size:				



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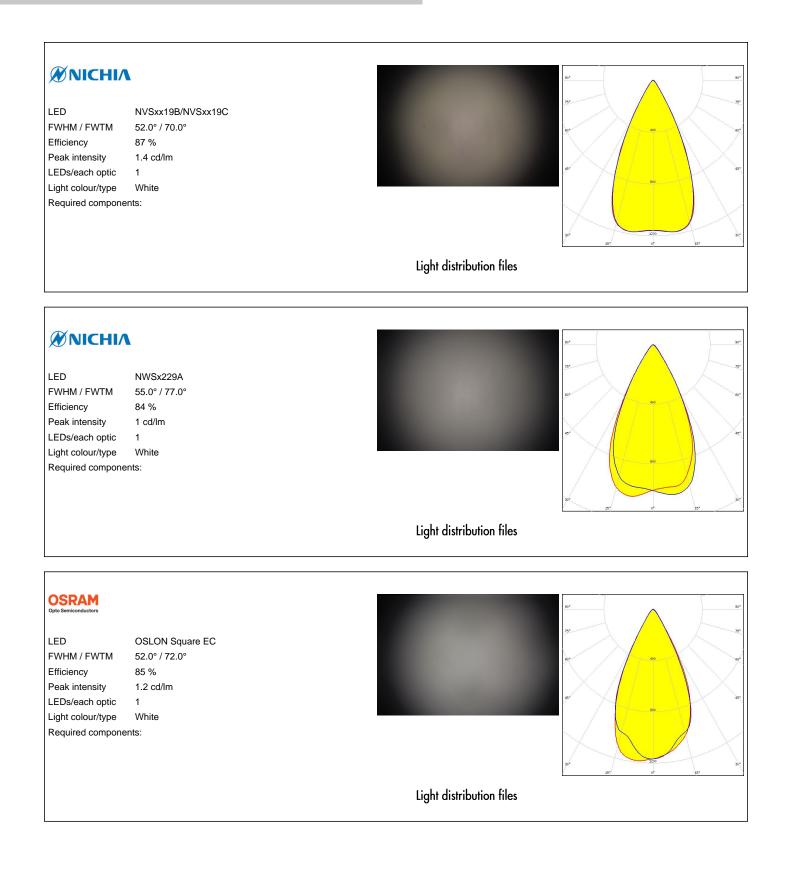


See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



CREELEDXD16FWHM / FWTM40.0° / 61.0°Efficiency83 %Peak intensity1.8 cd/lmLEDs/each optic1Light colour/typeWhiteRequired components:	
	Light distribution files
EDLUXEON CZFWHM / FWTM39.0° / 61.0°Efficiency92 %Peak intensity2.2 cd/mLEDs/each optic1Light colour/typeWhiteRequired components:	Light distribution files
LED LUXEON TX   FWHM / FWTM 49.0° / 68.0°   Efficiency 88 %   Peak intensity 1.6 cd/lm   LEDs/each optic 1   Light colour/type White   Required components: Image: Component state	Light distribution files





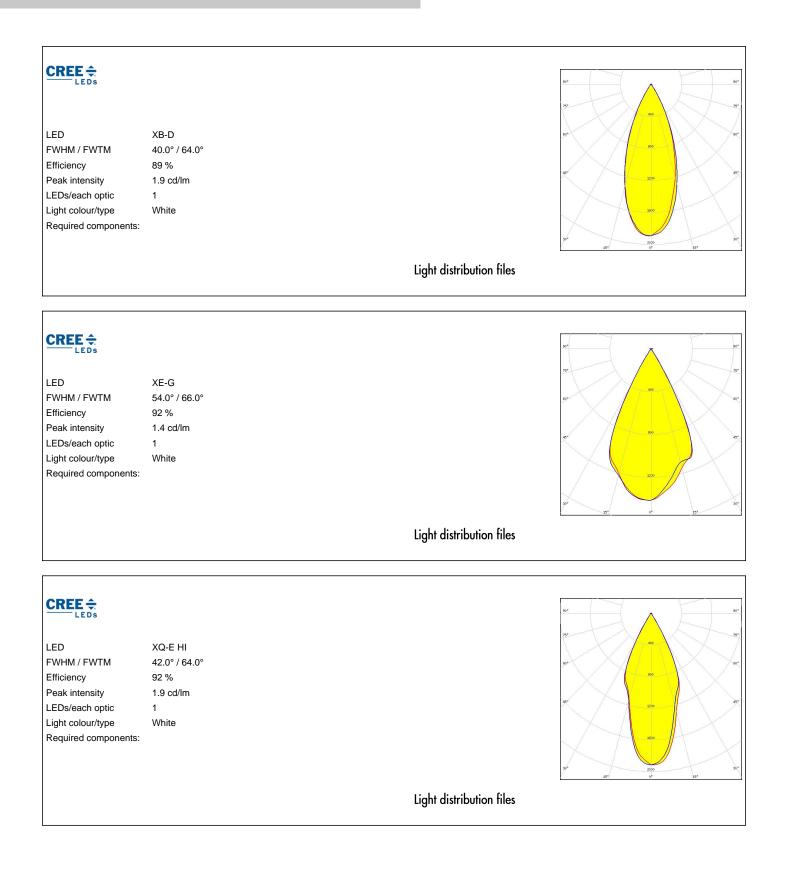


Correspondences LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	OSLON Square EC 50.0° / 73.0° 84 % 1.1 cd/lm 1 White ents:	Light distribution files
OSRAM Opto Semiconductors	OSLON SSL 150 53.0° / 70.0° 84 % 1.2 cd/lm 1 White ents:	Light distribution files
ODE Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required compone	SFH 4170S 38.0° / 61.0° % 1 IR ents:	
		Light distribution files



OSRAM		
Opto Semiconductors		
LED FWHM / FWTM Efficiency	SFH 4180S 34.0° / 60.0° %	
LEDs/each optic	1	
Light colour/type	IR	
Required compone	ents:	
		Light distribution files
OSRAM Opto Semiconductors		
LED FWHM / FWTM	SFH 4715S 36.0° / 80.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour/type	White	
J		
	ents:	
	ents:	
Required compone	ents:	Light distribution files
	ents:	Light distribution files
		Light distribution files
Required compone	Z5M3	
Required compone secures semiconductor LED FWHM / FWTM	Z5M3 50.0° / 72.0°	
Required compone scoul semiconductor LED FWHM / FWTM Efficiency	Z5M3 50.0° / 72.0° 86 %	
Required compone secul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Z5M3 50.0° / 72.0° 86 % 1.3 cd/lm	
Required compone secul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Z5M3 50.0° / 72.0° 86 % 1.3 cd/lm 1	
Required compone	Z5M3 50.0° / 72.0° 86 % 1.3 cd/lm 1 White	

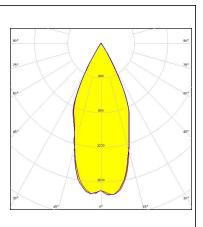




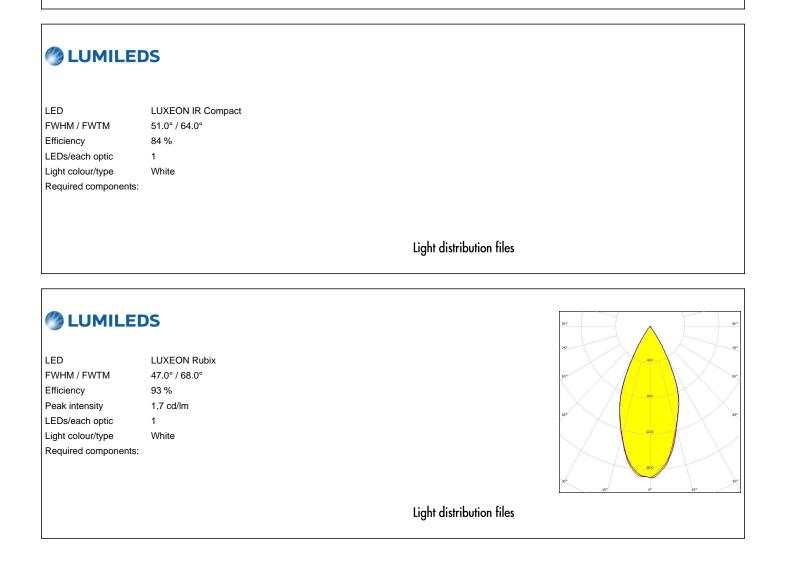


# UMILEDS

LED	LUXEON C
FWHM / FWTM	44.0° / 65.0°
Efficiency	91 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files





#### LUMILEDS I FD LUXEON Rubix FWHM / FWTM 45.0° / 68.0° Efficiency 93 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour/type Red Required components: Light distribution files LUMILEDS LUXEON Rubix I FD FWHM / FWTM 47.0° / 68.0° Efficiency 93 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour/type Blue Required components: Light distribution files LUXEON Z ES LED FWHM / FWTM 43.0° / 62.0° Efficiency 93 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	NCSxE17A 29.0° / 56.0° 90 % 3 cd/lm 1 White	
		Light distribution files
Opport Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Pure 1414 44.0 + 47.0° / 62.0° 93 % 2 cd/lm 1 White	Light distribution files
OSRAM		
Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour/type Required components:	SFH 4770S 32.0° / 61.0° 88 % 1 White	
		Light distribution files



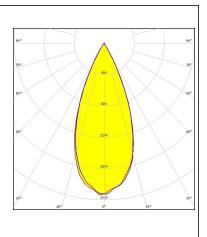
OSRAM Opto Semiconductors	Synios P2720 1 mm 31.0° / 60.0° 92 % 2.7 cd/lm 1 White	
		Light distribution files
COSCAN Opto Semiconductors	Synios P2720 1/2 mm 30.0° / 58.0° 92 % 2.8 cd/lm 1 White	Light distribution files
OSRAM Opto Semiconductors	Synios P2720 1/4 mm 31.0° / 60.0° 92 % 2.6 cd/lm 1 White	Light distribution files



# SAMSUNG

LED	LH
FWHM / FWTM	43
Efficiency	93
Peak intensity	20
LEDs/each optic	1
Light colour/type	W
Required components:	





Light distribution files



#### **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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