

# PRODUCT DATASHEET CA11171\_TINA2-RS

# TINA2-RS

~14° spot beam optimized for Nichia NS6x83. Assembly with holder and installation tape.

#### **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 16.1 mm
Height	11 mm
Fastening	tape
ROHS compliant	yes 🛈



#### **MATERIAL SPECIFICATIONS:**

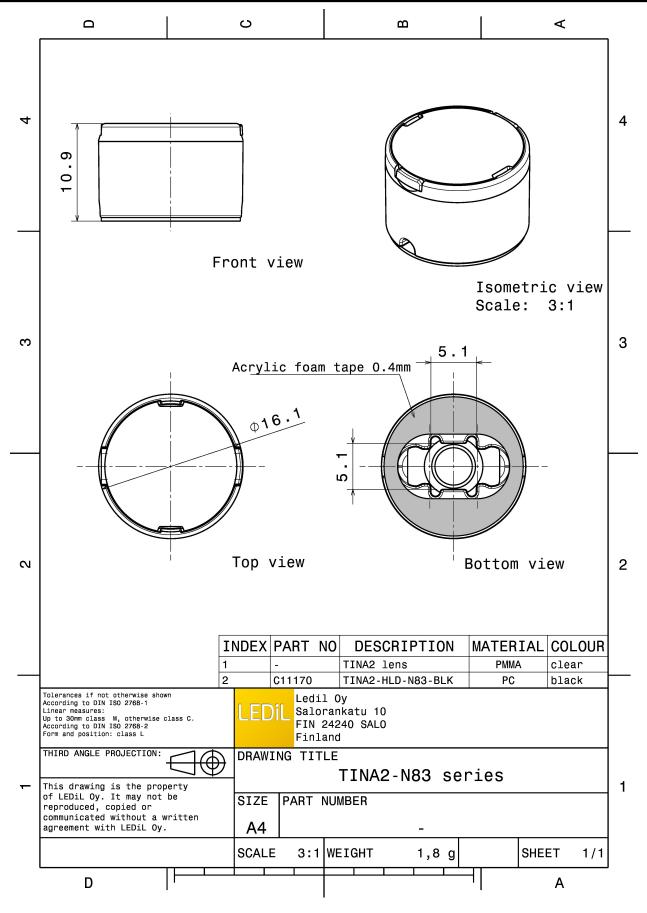
Component	Туре	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-HLD-N83-BLK	Holder	PC	black	
TINA-TAPE3	Таре	Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11171_TINA2-RS	Single lens	4140	230	230	8.4
» Box size: 451 x 241 x 298 mm					



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



### PHOTOMETRIC DATA (MEASURED):

	MX-6	<u>50*</u>
LED FWHM / FWTM	мл-ь 18.0° / 40.0°	73.
Efficiency	89 %	
Peak intensity	5.2 cd/lm	60°
LEDs/each optic	1	
Light colour	White	gr 200
Required compone		
🕜 LUMIL	EDS	20 <sup>5</sup> 20 <sup>5</sup> 0 <sup>6</sup> 20 <sup>5</sup>
		90°
	LUXEON V	75.
FWHM / FWTM	21.0° / 41.0°	
Efficiency	82 %	60 <sup>4</sup> 5000
Peak intensity	4.3 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White	$r \times / \square \times $
		200 200 200
<b>ØNICHI</b>		
LED	NS3x83	
FWHM / FWTM	15.0°	
Efficiency	93 %	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	
<b>∕∕</b> NICHI∕		90°
LED	NS6x83	
FWHM / FWTM	19.0° / 42.0°	$ \land \land$
Efficiency	93 %	50° 50°
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	95° 2300
Required compone	nts:	and the second sec
1		(12 <sup>3</sup> ) 0 <sup>6</sup> 32 <sup>3</sup>



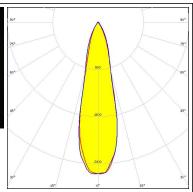
### PHOTOMETRIC DATA (MEASURED):

SVW	SUNG
LED	LH508A

FWHM / FWTM	1
Efficiency	1
Peak intensity	
LEDs/each optic	
Light colour	,
Required componer	nt

LH508A 26.0° / 53.0° 76 % 2.6 cd/lm 1 White ts:







LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 12.0° / 22.0° 91 % 18.1 cd/lm 1 White	30 <sup>4</sup> 30 <sup>4</sup> 30 <sup>4</sup> 30 <sup>4</sup> 30 <sup>4</sup>
CREEE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 14.0° / 27.0° 91 % 12.4 cd/lm 1 White	94 <sup>4</sup> 75 96 96 96 96 96 96 96 96 96 96 96 96 96
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 16.0° / 34.0° 87 % 7.5 cd/lm 1 White	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L HI 14.0° / 28.0° 92 % 10.7 cd/lm 1 White	25° 0° 15' 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°



CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XT-E 14.0° / 26.0° 85 % 11.3 cd/lm 1 White	39, 32, 6, 32, 35,   61, 800 61, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200 65, 65, 65,   80, 200, 20, 20, 20,   80, 20, 20, 20, 20,   80, 20, 20, 20, 20,   80, 20, 20, 20, 20,
	15	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 12.0° / 24.0° 88 % 14.5 cd/lm 1 White	x y y y y y y y y y y y y y
<b>Ø</b> ΝΙCΗΙΛ		ant ant
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM 22.0° / 40.0° 89 % 4.7 cd/lm 1 White	500 500 500 500 500 500 60 60 60 60 60 60 60 60 60
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSW219F 16.0° / 32.0° 91 % 8.7 cd/lm 1 White	97 75 66 <sup>1</sup> 75 610 607 607 607 607 607 607 607 607 607 60



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4715AS 10.0° / 20.0° 89 % 1 IR	Ender En	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4716AS 12.0° / 22.0° 88 % 1 IR		99 <sup>4</sup> 97 99 <sup>4</sup> 99 <sup>4</sup> 99 <sup>4</sup> 1000 1000 80 <sup>4</sup> 80 <sup>4</sup> 80 <sup>4</sup> 1000 80 <sup>4</sup> 80 <sup>4</sup> 8
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4717AS 12.0° / 25.0° 85 % 1 IR	A CONTRACTOR OF A CONTRACTOR O	90 <sup>4</sup> 75 90 <sup>4</sup> 97 90 <sup>4</sup> 97 90 <sup>4</sup> 90 <sup>5</sup> 90 <sup>5</sup>
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4725S 12.0° / 20.0° 89 % 1 IR	A CONTRACTOR OF	90 <sup>4</sup> 95 <sup>4</sup> 95 <sup>4</sup> 96 <sup>6</sup> 96 <sup>6</sup> 96 <sup>6</sup> 96 <sup>6</sup> 96 <sup>6</sup> 97 96 <sup>6</sup> 97 96 <sup>6</sup> 97 97 97 97 97 97 97 97 97 97 97 97 97



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4727AS 13.0° / 25.0° 85 % 1 IR	25° e <sup>4</sup> 25°
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351C 18.0° / 33.0° 92 % 7.8 cd/lm 1 White	



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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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#### LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

#### Local sales and technical support www.ledil.com/ where\_to\_buy

Shipping locations Salo, Finland Hong Kong, China

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