

PRODUCT DATASHEET CA11171_TINA2-RS

TINA2-RS

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

SPECIFICATION:

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



MATERIALS:

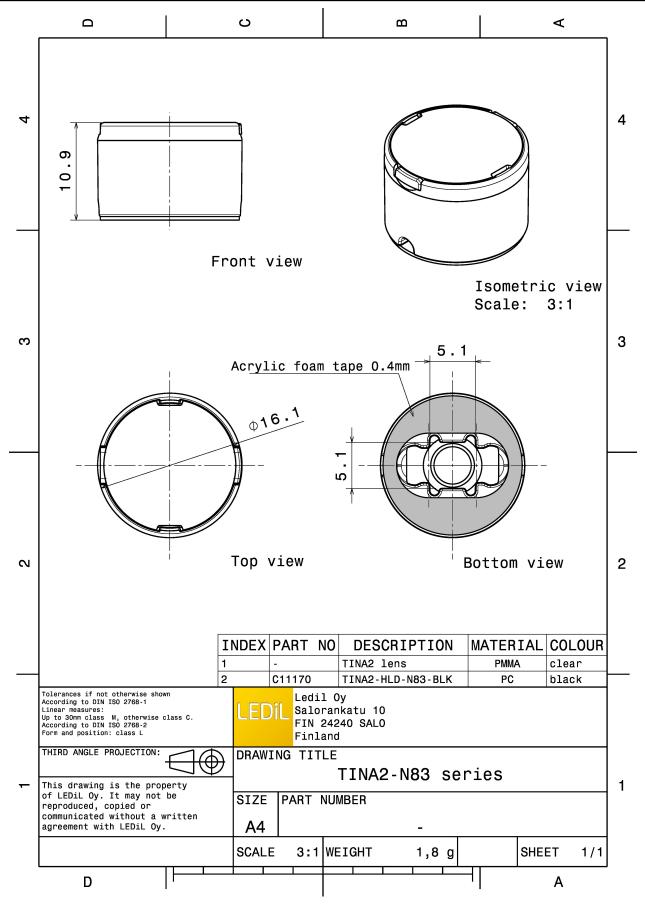
Component	Туре	Material	Colour	Finish	Length (mm)
TINA2-RS	Single lens	PMMA	clear		
TINA2-HLD-N83-BLK	Holder	PC	black		
TINA-TAPE3	Таре	Acrylic foam	black		

ORDERING INFORMATION:

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



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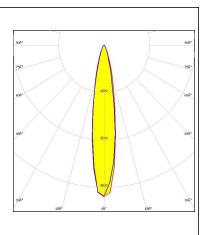
See also our general installation guide: <u>www.ledil.com/installation_guide</u>



OPTICAL RESULTS (MEASURED):

Γ

LED	MX-6
FWHM / FWTM	18.0° / 40.0°
Efficiency	89 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required compone	nts:



Light distribution files

ED LUXEON V FWHM / FWTM 21.0° / 41.0° Efficiency 82 % Peak intensity 4.3 cd/lm LEDs/each optic 1 Light colour/type White Required components:

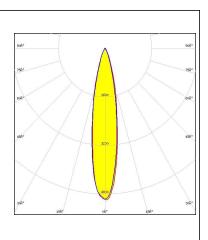
Ø NICHI∕	•					
LED	NS3x83					
FWHM / FWTM	15.0°					
Efficiency	93 %					
LEDs/each optic	1					
Light colour/type	White					
Required compone	ents:					
			Light distribution fi	es		



OPTICAL RESULTS (MEASURED):

ØNICHIΛ

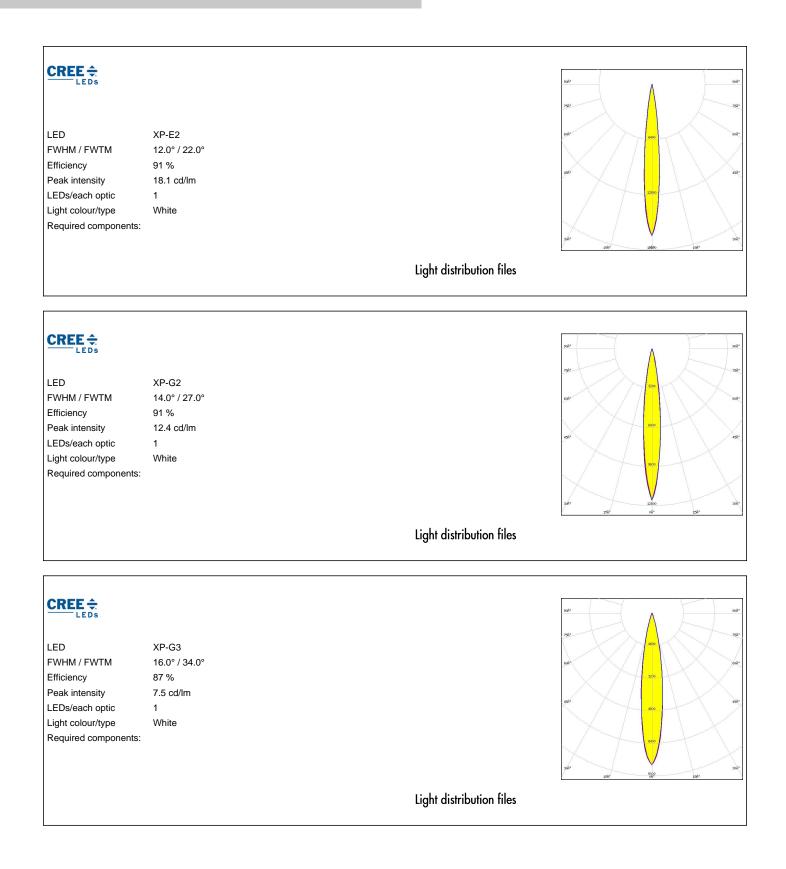
LED	NS6x83			
FWHM / FWTM	19.0° / 42.0			
Efficiency	93 %			
Peak intensity	5 cd/lm			
LEDs/each optic	1			
Light colour/type	White			
Required components:				



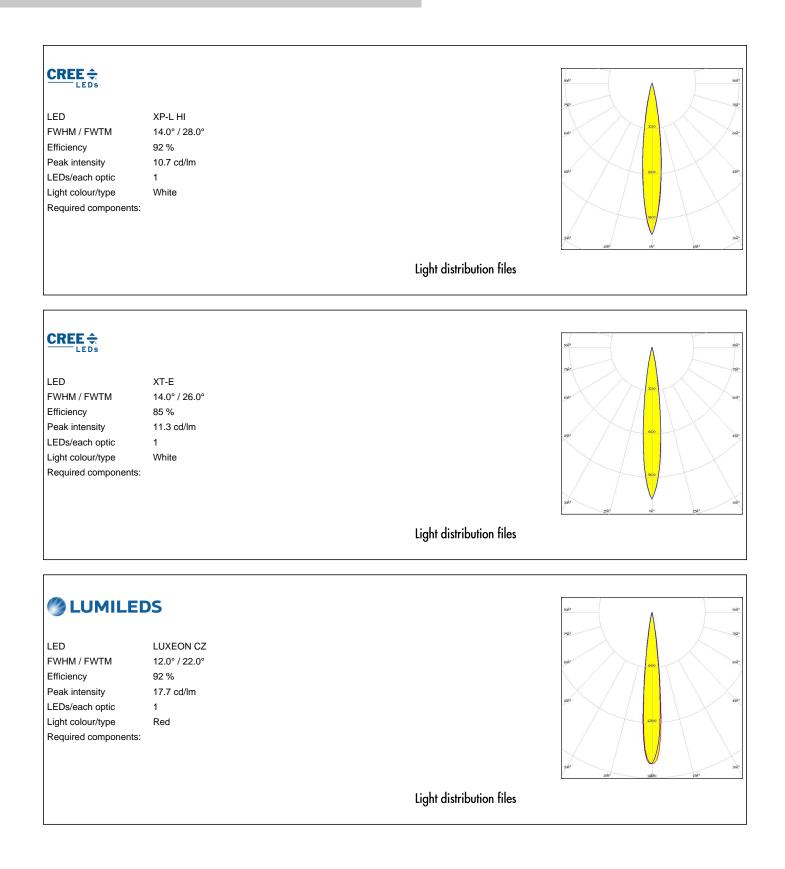
Light distribution files

ѕлмѕі	UNG	58*	90Å*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	LH508A 26.0° / 53.0° 76 % 2.6 cd/lm 1 White		1987 1940 1940 1940 1940 1940 1940
		Light distribution files	











LUMILEDS I FD LUXEON HL2X FWHM / FWTM 16.0° / 32.0° Efficiency 91 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files I FD SST-20 FWHM / FWTM 12.0° / 24.0° Efficiency 88 % Peak intensity 14.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **ΜΝΙCΗΙΛ** NV4WB35AM LED FWHM / FWTM 22.0° / 40.0° Efficiency 89 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

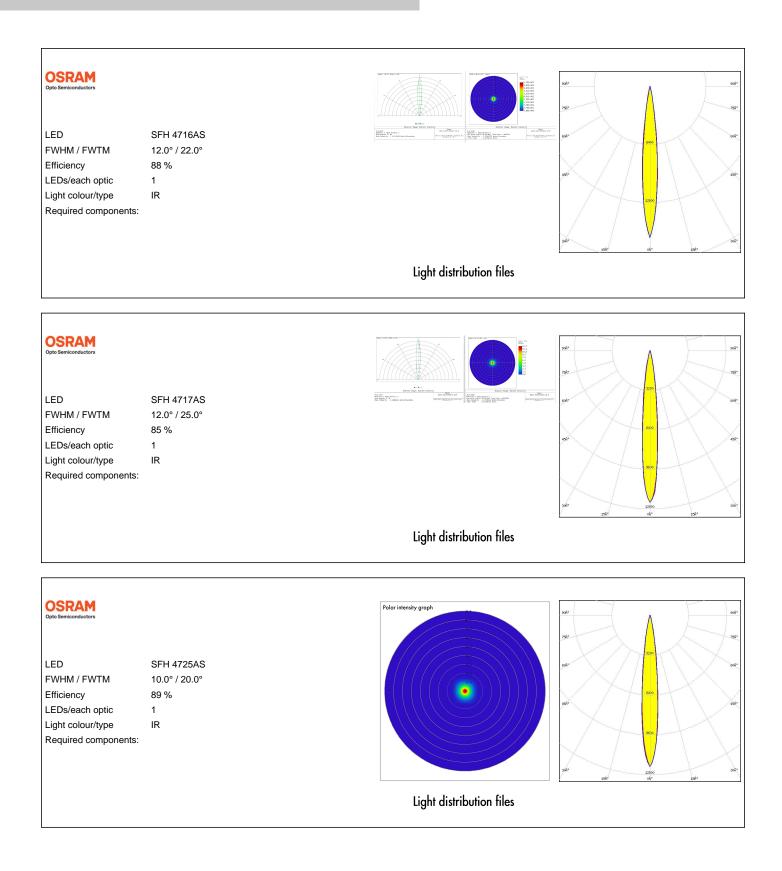


ΜΝΙCΗΙΛ I FD NV4WB35AM FWHM / FWTM 22.0° / 40.0° Efficiency 89 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ NVSW219F I FD 16.0° / 32.0° FWHM / FWTM Efficiency 91 % 8.5 cd/lm Peak intensity LEDs/each optic 1 Light colour/type White Required components: Light distribution files **ΜΝΙCΗΙΛ** NVSW519A LED FWHM / FWTM 20.0° / 39.0° Efficiency 86 % Peak intensity 5.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

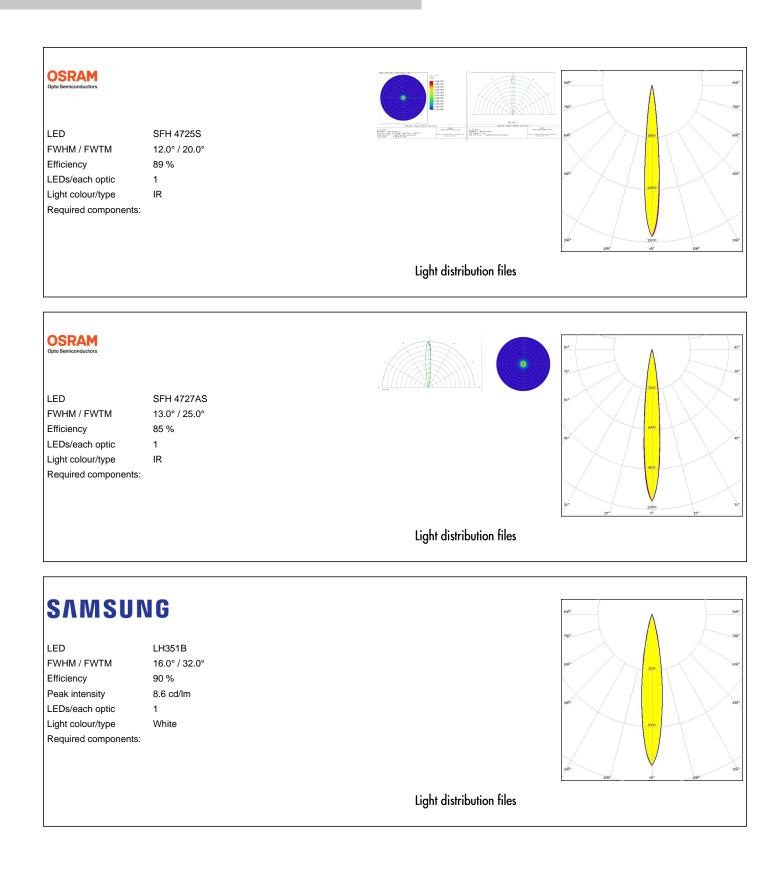


ΜΝΙCΗΙΛ I FD NVSxx19B/NVSxx19C FWHM / FWTM 16.0° / 31.0° Efficiency 86 % Peak intensity 8.2 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSLON Square CSSRM2/CSSRM3 LED FWHM / FWTM 14.0° / 30.0° Efficiency 90 % 9.9 cd/lm Peak intensity anti LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM LED SFH 4715AS FWHM / FWTM 10.0° / 20.0° Efficiency 89 % LEDs/each optic 1 Light colour/type IR Required components: Light distribution files





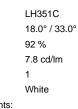


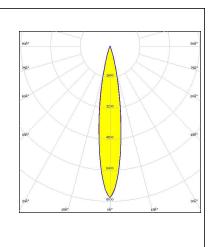




SAMSUNG

LED	LH
FWHM / FWTM	18
Efficiency	92
Peak intensity	7.8
LEDs/each optic	1
Light colour/type	W
Required components:	





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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LEDiL Oy

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