

PRODUCT DATASHEET CA11174_TINA2-M

TINA2-M

~30° medium 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 🛈



Colour

clear black black Finish

MATERIAL SPECIFICATIONS:

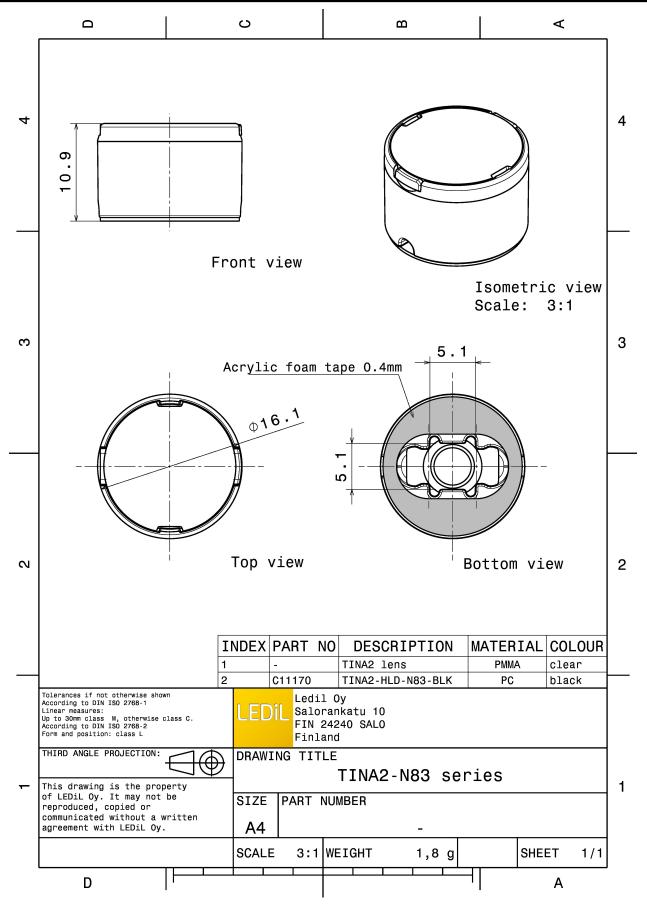
Component	Туре	Material
TINA2-M	Single lens	PMMA
TINA2-HLD-N83-BLK	Holder	PC
TINA-TAPE3	Tape	Acrylic foam

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11174_TINA2-M	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: www.ledil.com/installation_guide



PHOTOMETRIC DATA (MEASURED):

		20* 20*
LED	 MX-6	
FWHM / FWTM	30.0° / 60.0°	
Efficiency	83 %	
Peak intensity	2.2 cd/lm	69 ¹⁻
LEDs/each optic	1	
Light colour	White	er de la companya de
Required compone		
		259 Of 159
UMIL	EDS	50° 50'
LED	LUXEON 5050 Round LES	
FWHM / FWTM	34.0° / 69.0°	37
Efficiency	78 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	g* 6
Required compone	nts:	
		30-
M		127 d ⁴ 127
	EDS	50° 50'
LED	LUXEON V	75
FWHM / FWTM	32.0° / 63.0°	
Efficiency	75 %	
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		100
		30° 2000 30°
ØNICHI		
LED	NS3x83	
FWHM / FWTM	32.0° / 60.0°	
Efficiency	%	
Peak intensity	2.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
1		



PHOTOMETRIC DATA (MEASURED):

ØNICHI		90 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NS6x83 30.0° / 60.0° 85 % 2.3 cd/lm 1 White	27 27 27 27 27 27 27 27 27 27 27 27 27 2
ортфс		20% 20% 20% 20% 20% 20% 20% 20% 20% 20%
LED FWHM / FWTM	OLP-x5050F6L 34.0° / 64.0°	75. 75
Efficiency	86 %	
Peak intensity	2.1 cd/lm	994
LEDs/each optic	1	
Light colour Required compone		47 [×] 30 [×] 20 [×] 0 [×] 10 [×] 10 [×]
<u> </u>	JNG	90* 90
LED	LH508A	
FWHM / FWTM	33.0° / 68.0°	70
Efficiency	71 %	ev. and the second s
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White nts:	



PHOTOMETRIC DATA (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	J Series 5050 Round LES 32.0° / 65.0° 83 % 2 cd/lm 1 White	20° 20° 20° 20° 20° 20° 20° 20°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 28.0° / 51.0° 90 % 3.4 cd/lm 1 White	00 00 00 00 00 00 00 00 00 00 00 00 00
CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 30.0° / 56.0° 84 % 2.7 cd/lm 1 White	200 200 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-L HI 30.0° / 54.0° 89 % 2.9 cd/lm 1 White	13° 0° 13° 30° 10° 10° 30° 10° 10° 30° 10° 10°



PHOTOMETRIC DATA (SIMULATED):

CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XT-E 28.0° / 52.0° 81 % 2.9 cd/lm 1 White	30 30 40 50 50 50 50 50 50 50 50 50 5
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSW219F 30.0° / 55.0° 88 % 2.8 cd/lm 1 White	200 200 200 200 200 200 200 200
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S8 31.0° / 65.0° 78 % 1.9 cd/lm 1 White	30* 200 100 100 100 100 100 100 100
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4715AS 29.0° / 50.0° 87 % 1 IR	200 200 200 200 200 200 200 200



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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