

PRODUCT DATASHEET FA10647_TINA-M

TINA-M

~30° medium beam optimized for Nichia NS6x83. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	11.1 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

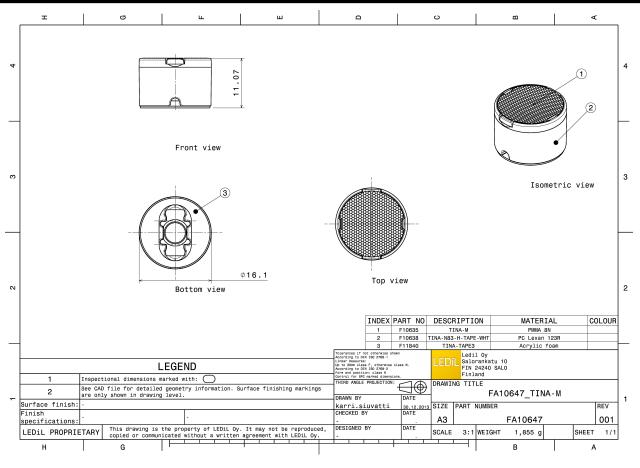
Component	Туре	Material	Colour	Finish
TINA-N83-M	Single lens	PMMA	clear	
TINA-N83-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10647_TINA-M	Single lens	2016	288	144	6.0
» Box size:					



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



OPTICAL RESULTS (MEASURED):

Image: Nichina Sex	CREES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone			
FWHM / FWTM32.0° / 68.0°Efficiency87 %Peak intensity2.2 cd/lmLEDs/each optic1Light colourWhite				
Efficiency87 %Peak intensity2.2 cd/lmLEDs/each optic1Light colourWhite				
LEDs/each optic 1 Light colour White	Efficiency			
Light colour White	Peak intensity	2.2 cd/lm		
	LEDs/each optic	1		
Required components:	Light colour	White		
	Required compone	ents:		I



OPTICAL RESULTS (SIMULATED):

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			90° 90°
LEDS	XP-E2		
FWHM / FWTM	30.0° / 52.0°		75*
Efficiency	92 %		
Peak intensity	3.1 cd/lm		69*
LEDs/each optic	1		
Light colour	White		gy
Required components:	·······		
			2430
			36° 2250 32°
			30 <u>32,00</u> 30 15 ⁹ 0 ⁶ 35 ⁹
			90*
LED	XP-L HI		
FWHM / FWTM	29.0° / 53.0°		75
Efficiency	92 %		605 600
Peak intensity	3 cd/lm		
LEDs/each optic	1		1600
Light colour	White		45
Required components:			$\times \wedge \times$
			30° 32°
1			3230
OSRAM			157
OSRAM Opto Semiconductors			20. 20. 20. 20. 20. 20. 20. 20. 20. 20.
Opto Semiconductors	OSLON Boost HX (KW CULPM1.TG)		
Opto Semiconductors LED FWHM / FWTM	29.0° / 51.0°		90 ⁴ 90 ⁴
Opto Semiconductors LED FWHM / FWTM Efficiency	29.0° / 51.0° 92 %		22- 26- 26- 26- 26- 26- 26- 26- 26- 26-
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	29.0° / 51.0° 92 % 3.2 cd/lm		Bit 00 81,2 22. 20. 20. Bit 00 00.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 51.0° 92 % 3.2 cd/lm 1		100 60 100 100 100 100 100 100 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm		Bit 00 81,2 22. 20. 20. Bit 00 00.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 51.0° 92 % 3.2 cd/lm 1		100 60 100 100 100 100 100 100 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm 1		gr gr gr gr gr gr gr gr gr gr gr gr gr g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm 1		gr gr gr gr gr gr gr gr gr gr gr gr gr g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm 1		gr gr gr gr gr gr gr gr gr gr gr gr gr g
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 51.0° 92 % 3.2 cd/lm 1	Polar intensity graph	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm 1	Polar intensity graph	5° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 51.0° 92 % 3.2 cd/lm 1 White	Polar intensity graph	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	29.0° / 51.0° 92 % 3.2 cd/lm 1 White SFH 4715AS	Polar intensity graph	Res Res 22, 0, 12, 0, 20, 0, 12, 0, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0, 1, 0,0 0, 0,
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	29.0° / 51.0° 92 % 3.2 cd/lm 1 White SFH 4715AS 28.0° / 52.0°	Polor intensity graph	32 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37 36 36 36 37 36 36 36 37 36 36 36 37 36 36 36 37 36 38 36 39 36 36 36 37 36 38 36 39 36 39 36 39 36 39 36 30 36 36 36 37 36 38 36 39 36 39 36 30 36 36 36 37 36 38 36 39 36 39 36 39 36 39
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	29.0° / 51.0° 92 % 3.2 cd/lm 1 White SFH 4715AS 28.0° / 52.0° 91 %	Polor intensity groph	32 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37 36 36 36 37 36 36 36 37 36 36 36 37 36 36 36 37 36 38 36 39 36 36 36 37 36 38 36 39 36 39 36 39 36 39 36 30 36 36 36 37 36 38 36 39 36 39 36 30 36 36 36 37 36 38 36 39 36 39 36 39 36 39
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opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	29.0° / 51.0° 92 % 3.2 cd/lm 1 White SFH 4715AS 28.0° / 52.0° 91 %	Polar intensity graph	
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