

TINA-D

~16° diffused spot beam optimized for Nichia NS6x83. Assembly with holder and installation tape.



TECHNICAL SPECIFICATIONS:

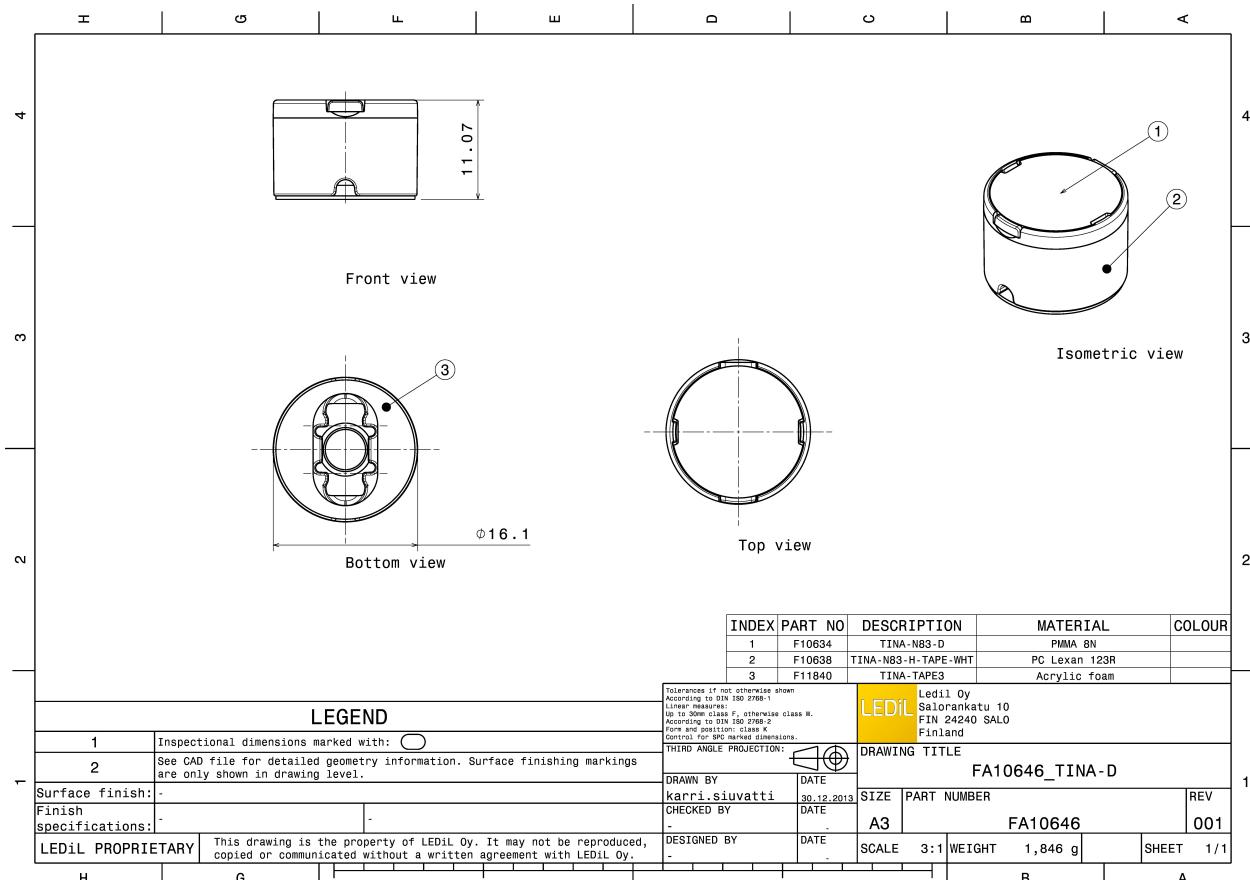
Dimensions	Ø 16.1 mm
Height	11.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-N83-D	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)
FA10646_TINA-D	2016	288	144	4.0
» Box size:				



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

PHOTOMETRIC DATA (MEASURED):



LED MX-6
FWHM / FWTM 19.0° / 48.0°
Efficiency 91 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS6x83
FWHM / FWTM 23.0° / 50.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

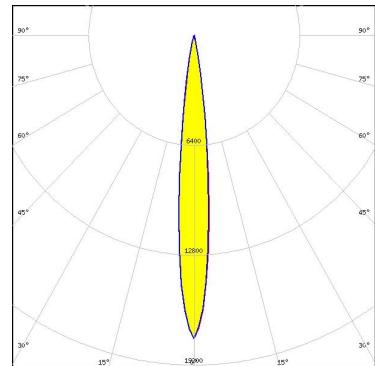


PHOTOMETRIC DATA (SIMULATED):



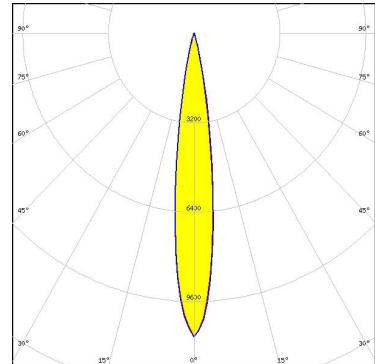
LED	XP-E2
FWHM / FWTM	12.0° / 22.0°
Efficiency	92 %
Peak intensity	17.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



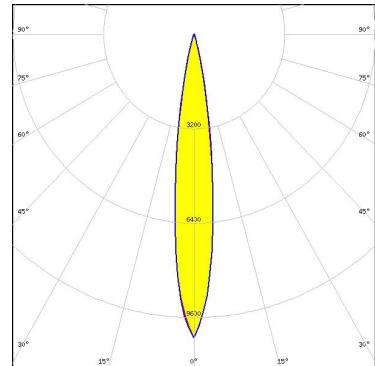
LED	XP-G2
FWHM / FWTM	14.0° / 28.0°
Efficiency	92 %
Peak intensity	10.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



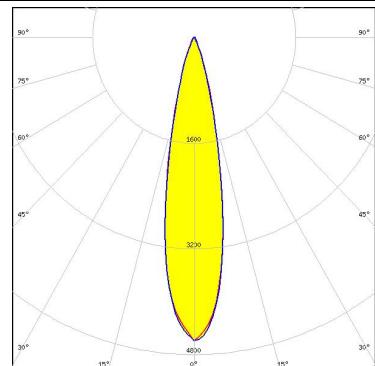
LED	XP-L HI
FWHM / FWTM	14.0° / 28.0°
Efficiency	93 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	NV4WB35AM
FWHM / FWTM	22.0° / 41.0°
Efficiency	90 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White

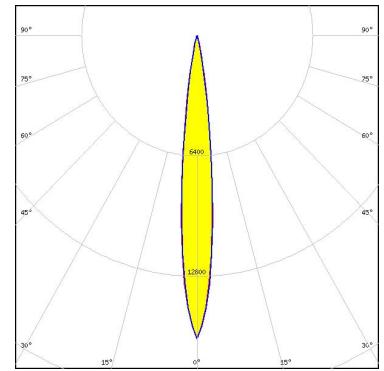
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED KW CULPM1.TG
FWHM / FWTM 12.0° / 23.0°
Efficiency 93 %
Peak intensity 16.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

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