

TINA-WW

~60° wide 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 ⓘ

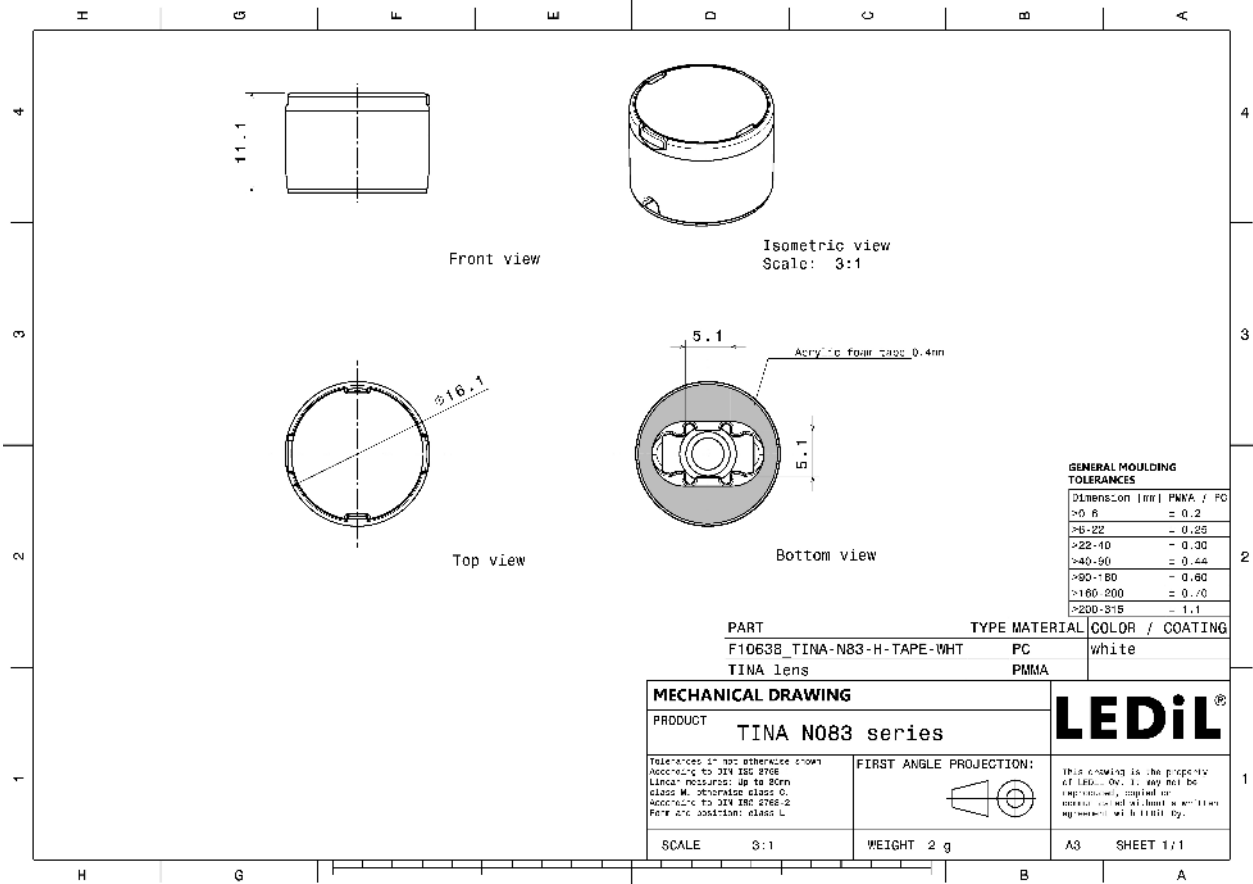
MATERIALS:

Component	Type	Material	Colour	Finish
TINA-WW	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)
FA10901_TINA-WW	Single lens	2016	288	144	4.5
» Box size:					




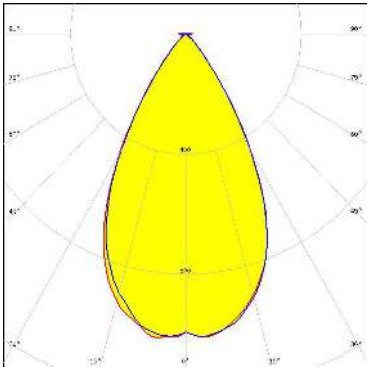

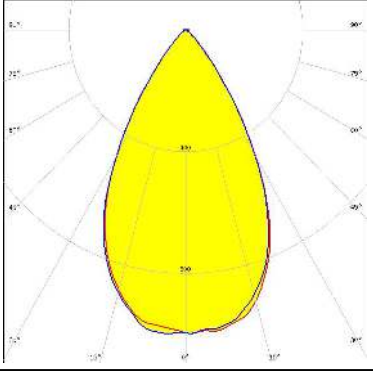

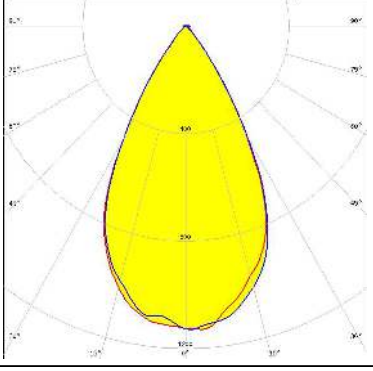

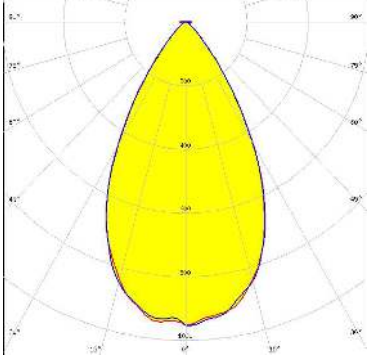


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

		
LED	MX-6	
FWHM / FWTM	52.0° / 88.0°	
Efficiency	89 %	
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NS6x83	
FWHM / FWTM	53.0° / 90.0°	
Efficiency	90 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

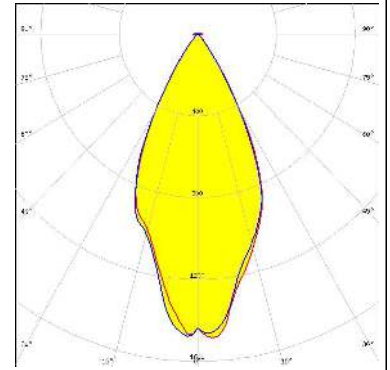
OPTICAL RESULTS (SIMULATED):

	<p>LED: XP-G3 FWHM / FWTM: 58.0° / 82.0° Efficiency: 89 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-L HD FWHM / FWTM: 58.0° / 85.0° Efficiency: 91 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-L HI FWHM / FWTM: 57.0° / 78.0° Efficiency: 93 % Peak intensity: 1.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-L2 FWHM / FWTM: 58.0° / 86.0° Efficiency: 89 % Peak intensity: 1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

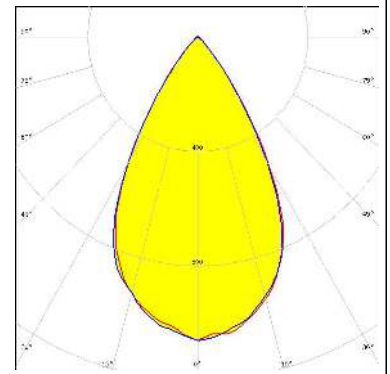
CREE LED

LED XQ-E HI
FWHM / FWTM 50.0° / 72.0°
Efficiency 91 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 59.0° / 82.0°
Efficiency 94 %
Peak intensity 1.1 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:

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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