

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 ⓘ

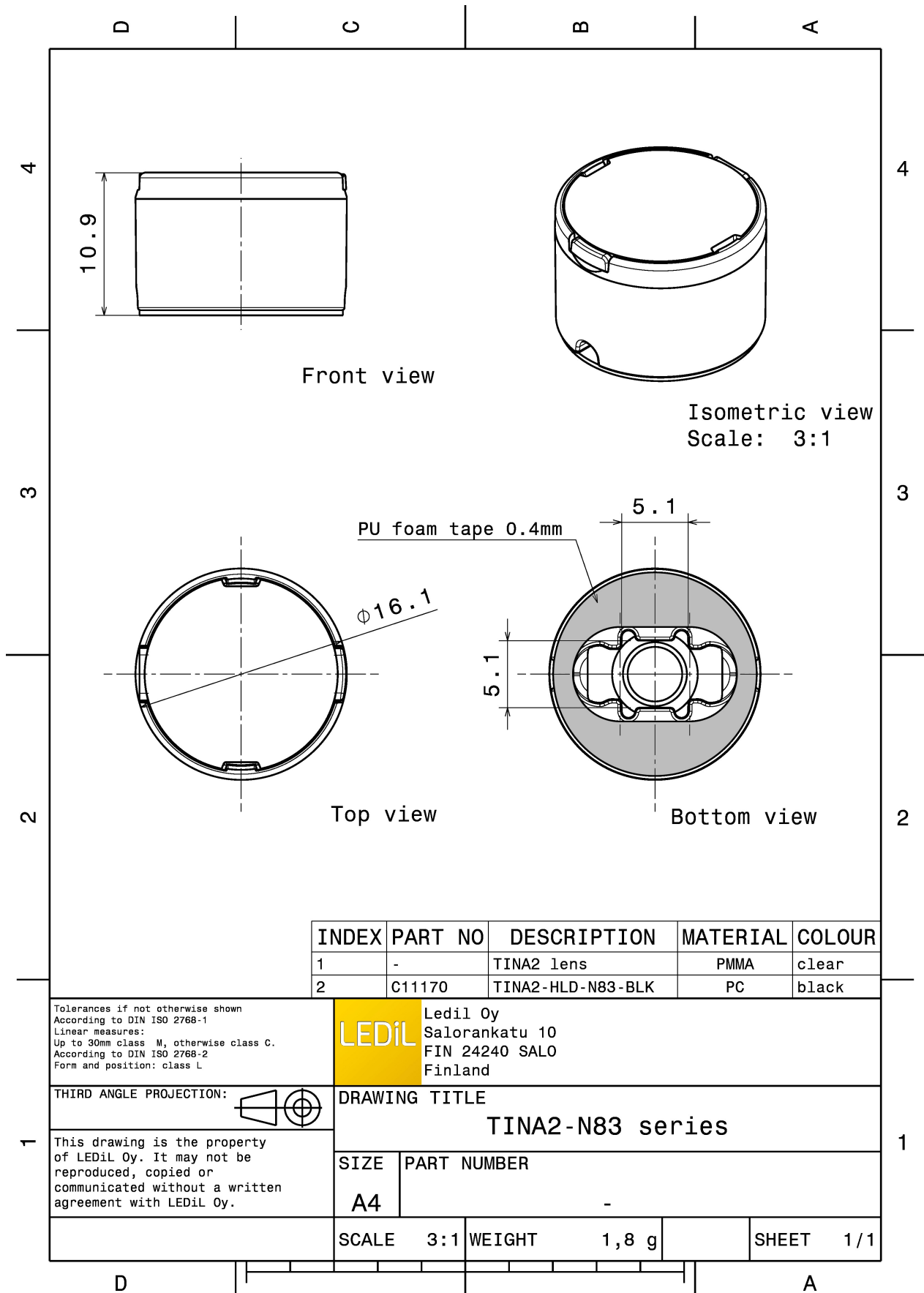
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-M	Single lens	PMMA	clear	
TINA2-HLD-N83-BLK	Holder	PC	black	
TINA-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11174_TINA2-M	Single lens	4140	230	230	9.2
» Box size: 451 x 241 x 298 mm					

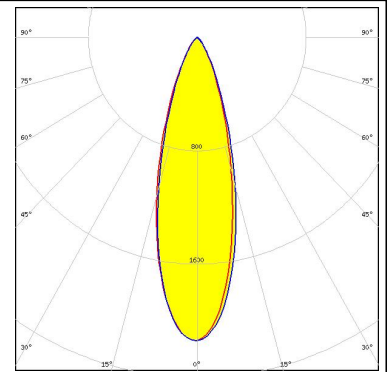




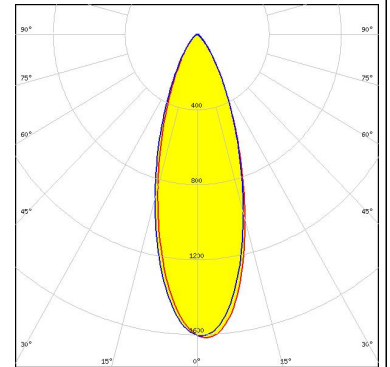
PHOTOMETRIC DATA (MEASURED):



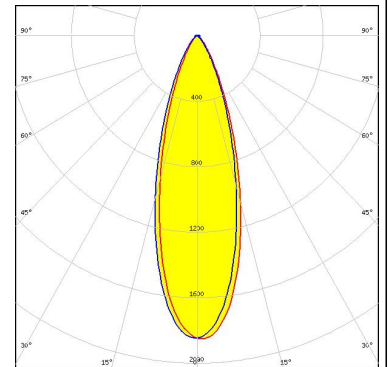
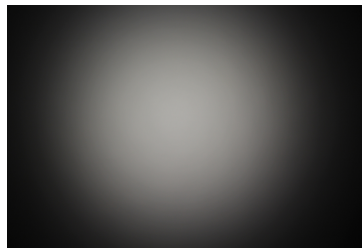
LED MX-6
 FWHM 30.0°
 Efficiency 83 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 5050 Round LES
 FWHM 34.0°
 Efficiency 78 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON V
 FWHM 32.0°
 Efficiency 75 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

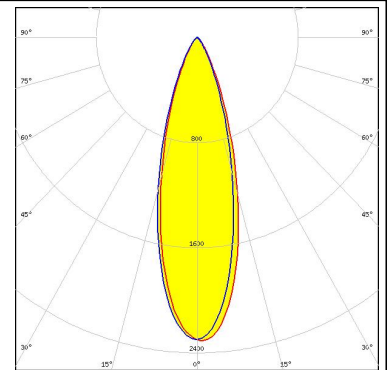


LED NS3x83
 FWHM 32.0°
 Efficiency %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

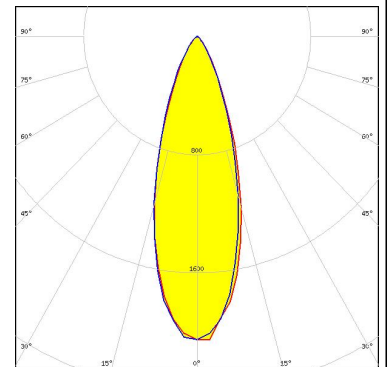
PHOTOMETRIC DATA (MEASURED):



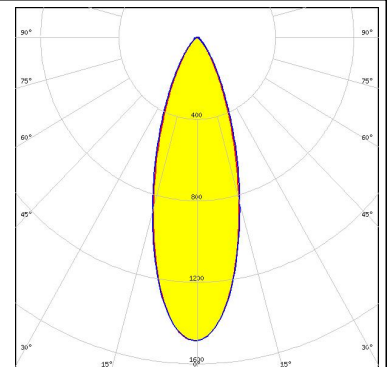
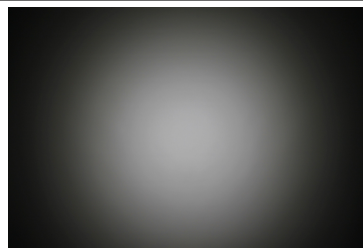
LED NS6x83
FWHM 30.0°
Efficiency 85 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OLP-x5050F6L
FWHM 34.0°
Efficiency 86 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



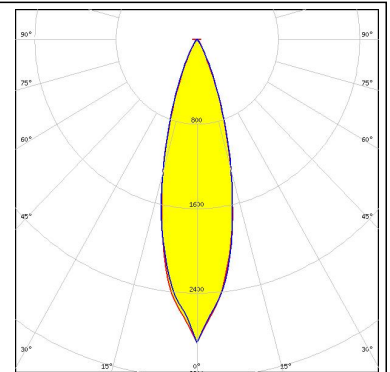
LED LH508A
FWHM 33.0°
Efficiency 71 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

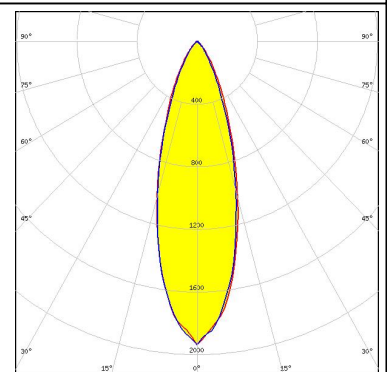
CREE 

LED XT-E
FWHM 28.0°
Efficiency 81 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

LED Duris S8
FWHM 31.0°
Efficiency 78 %
Peak intensity 1.9 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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Электрон
Связь**

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