

TINA-RS

~13° spot beam optimized for Nichia NS6x83.
Assembly with holder and installation tape.

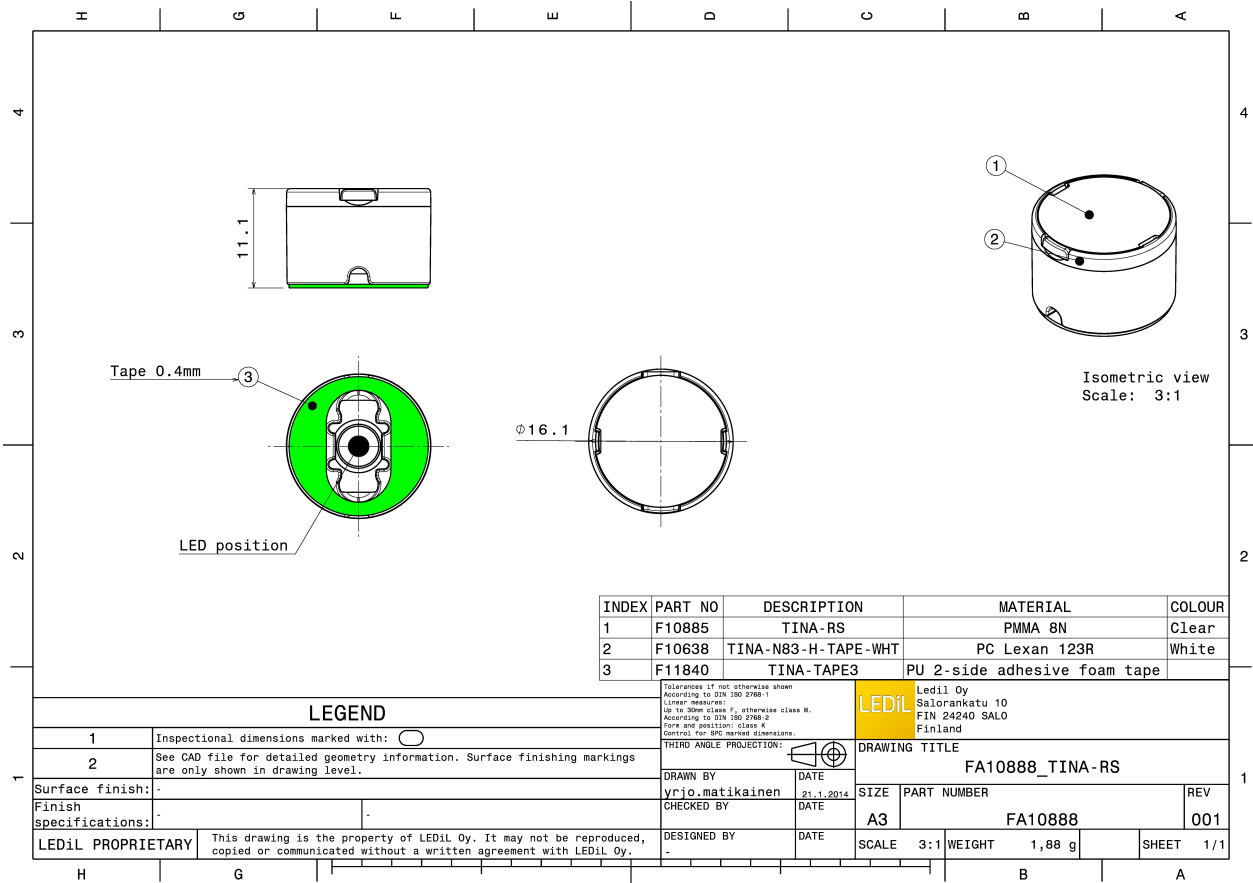
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	11.1 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	4.1 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

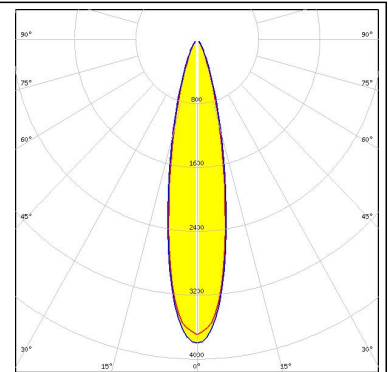
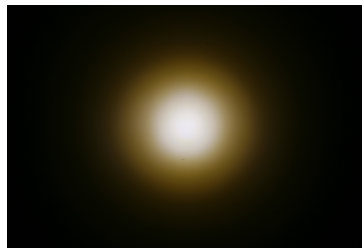
Component	Type	Material	Colour
TINA-RS	Single lens	PMMA	clear
TINA-N83-H-TAPE-WHT	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

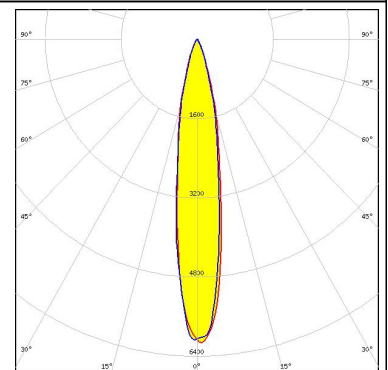
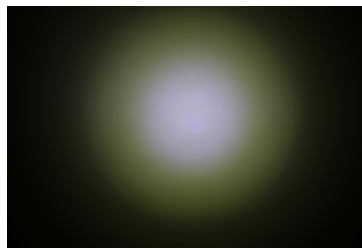
CREE 

LED MX-6
 FWHM 14.0°
 Efficiency 93 %
 Peak intensity 7.730 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



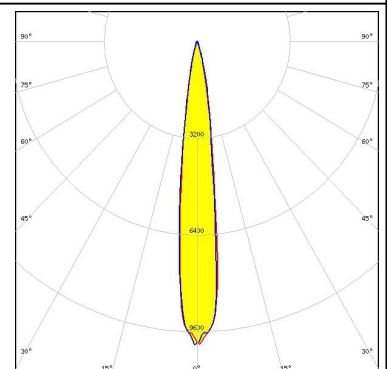
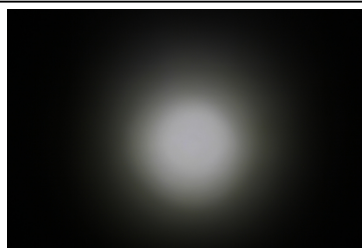
NICHIA 

LED NS6x83
 FWHM 17.0°
 Efficiency 94 %
 Peak intensity 6.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TOSHIBA
 Leading Innovation >>>

LED TL1L4
 FWHM 13.0°
 Efficiency 90 %
 Peak intensity 10.000 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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