

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
ROHS compliant	yes ⓘ

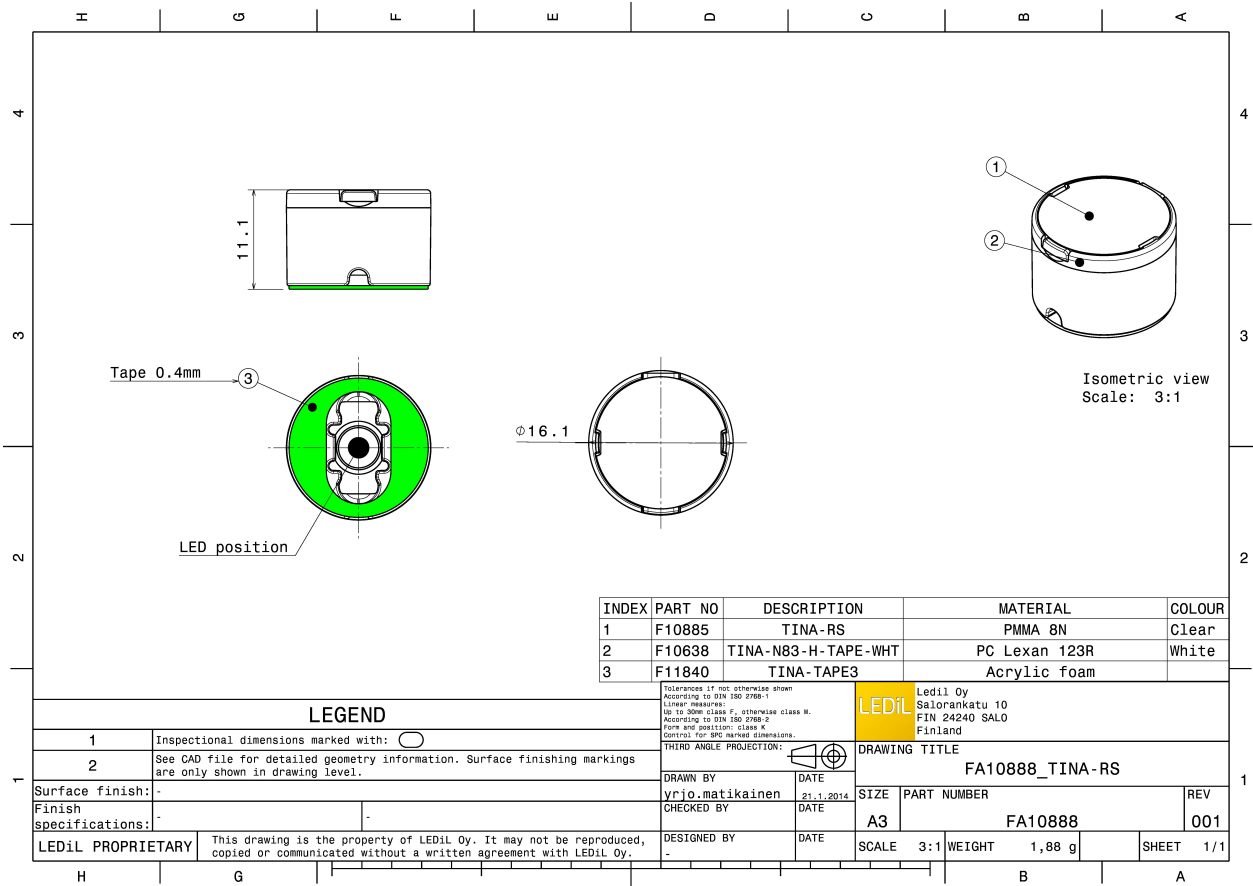


MATERIAL SPECIFICATIONS:

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

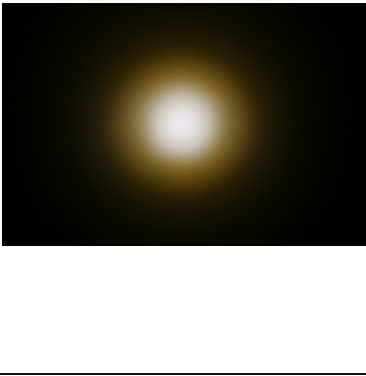
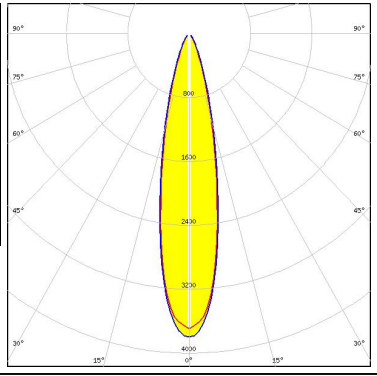
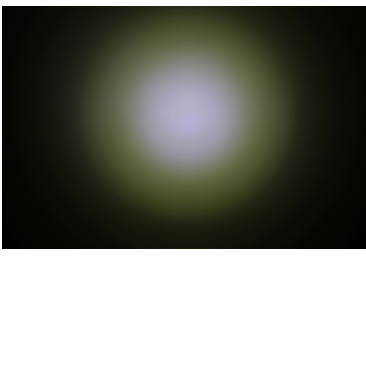
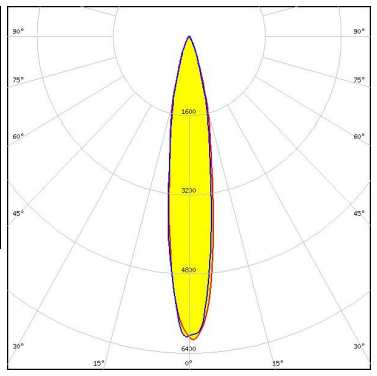

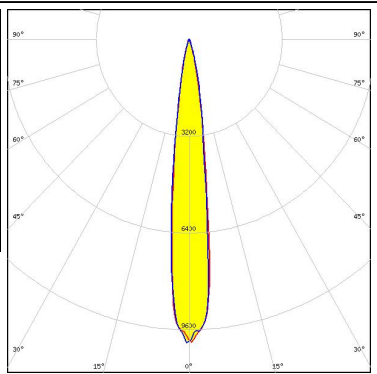
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10888_TINA-RS	Single lens	2016	288	144	4.1
» Box size: 470 x 240 x 105 mm					



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

PHOTOMETRIC DATA (MEASURED):

<p>CREE LED</p> <p>LED: MX-6 FWHM / FWTM: 14.0° / 36.0° Efficiency: 93 % Peak intensity: 7.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NS6x83 FWHM / FWTM: 17.0° / 39.0° Efficiency: 94 % Peak intensity: 6.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>TOSHIBA <small>Leading Innovation >>></small></p> <p>LED: TL1L4 FWHM / FWTM: 13.0° / 28.0° Efficiency: 90 % Peak intensity: 10 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

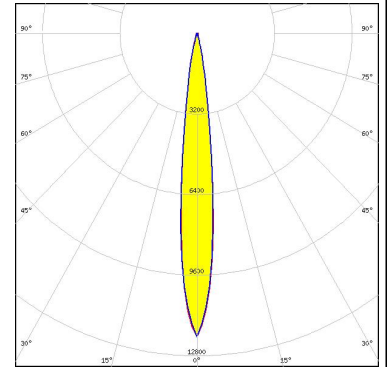
PHOTOMETRIC DATA (SIMULATED):

<p>CREE ⇄ LED</p> <p>LED: XP-E2 FWHM / FWTM: 10.0° / 20.0° Efficiency: 92 % Peak intensity: 22.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED: XP-G2 FWHM / FWTM: 14.0° / 25.0° Efficiency: 92 % Peak intensity: 13.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED: XP-G3 FWHM / FWTM: 16.0° / 32.0° Efficiency: 89 % Peak intensity: 8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED: XP-L HI FWHM / FWTM: 14.0° / 26.0° Efficiency: 93 % Peak intensity: 11.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

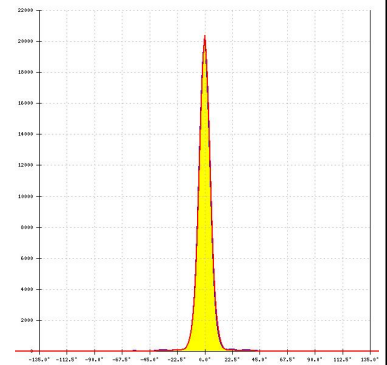
PHOTOMETRIC DATA (SIMULATED):



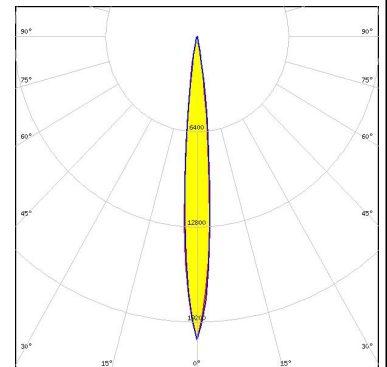
LED XT-E
FWHM / FWTM 12.0° / 24.0°
Efficiency 86 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



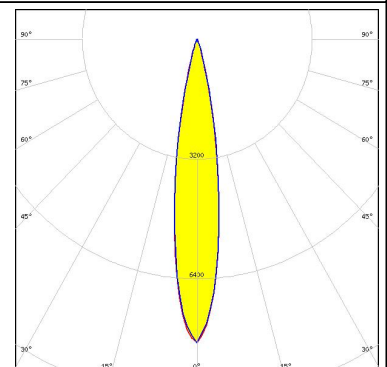
LED OSLO Black
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 20.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4716AS
FWHM / FWTM 11.0° / 21.0°
Efficiency 90 %
Peak intensity 17.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351C
FWHM / FWTM 18.0° / 32.0°
Efficiency 94 %
Peak intensity 8.1 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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