

## 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 ⓘ

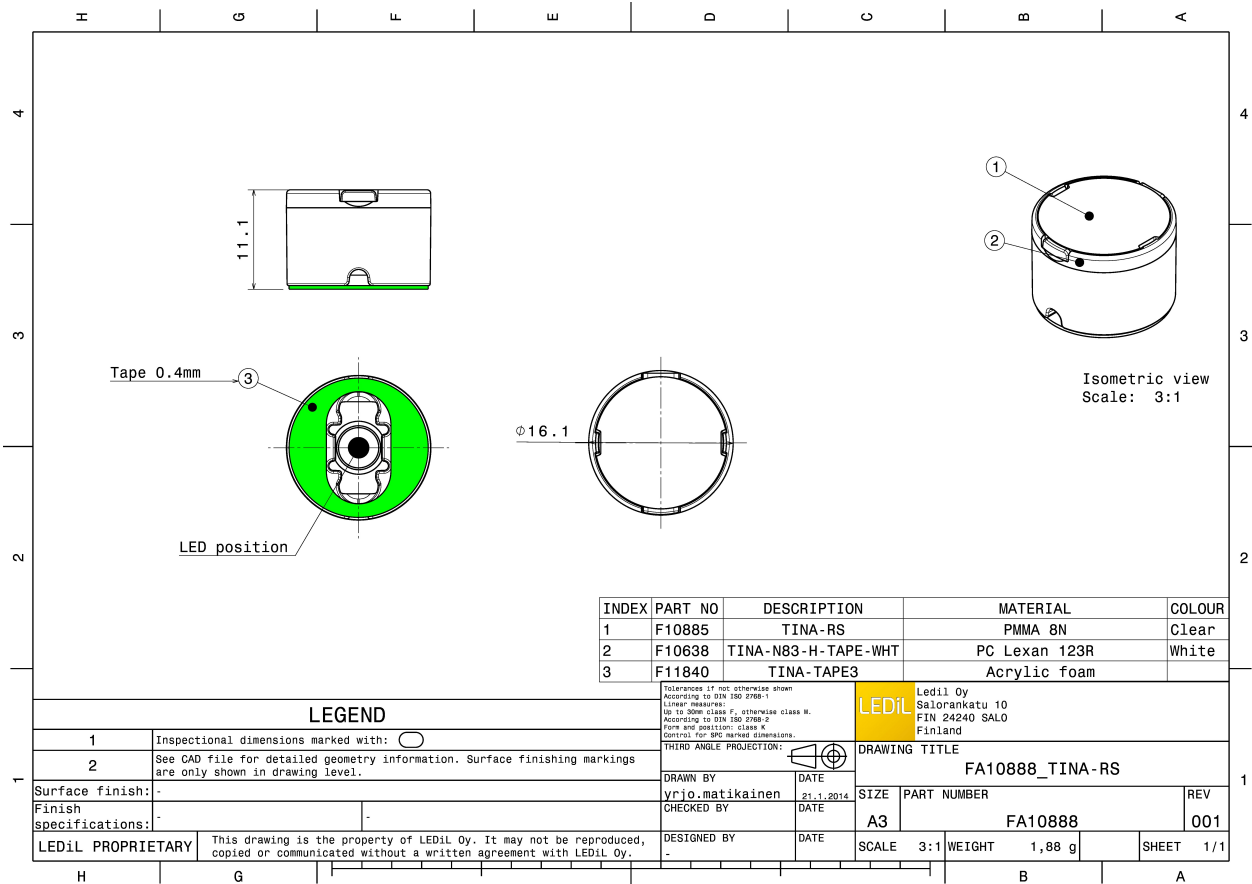


### MATERIAL SPECIFICATIONS:

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	

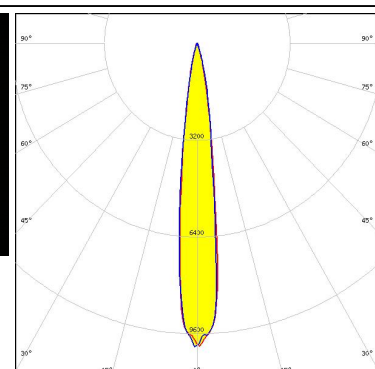
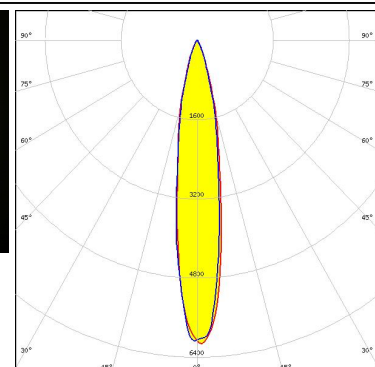
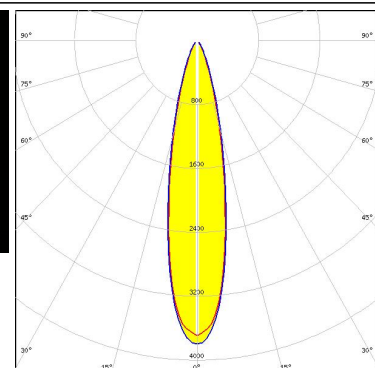
### ORDERING INFORMATION:

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](http://www.ledil.com/installation_guide)

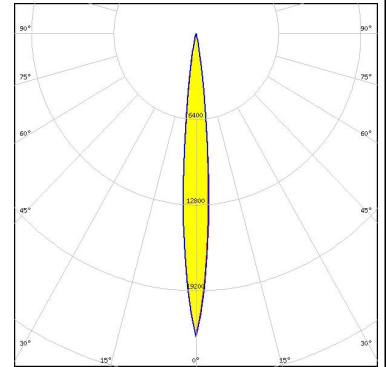
**CREE**  **LED**



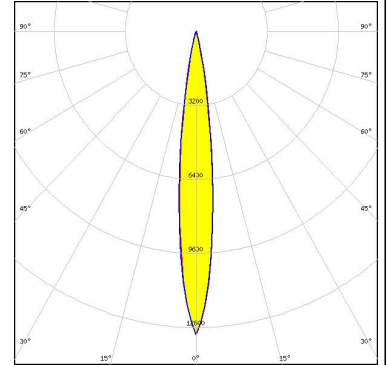
### PHOTOMETRIC DATA (SIMULATED):



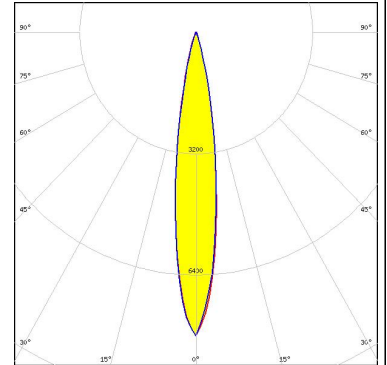
LED XP-E2  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 92 %  
Peak intensity 22.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



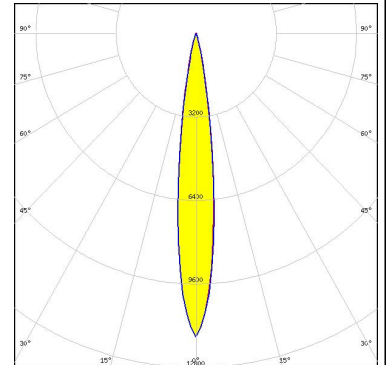
LED XP-G2  
FWHM / FWTM 14.0° / 25.0°  
Efficiency 92 %  
Peak intensity 13.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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:



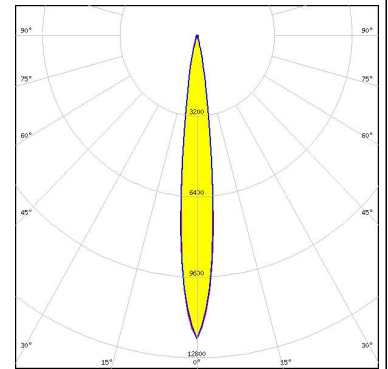
LED XP-L HI  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 93 %  
Peak intensity 11.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



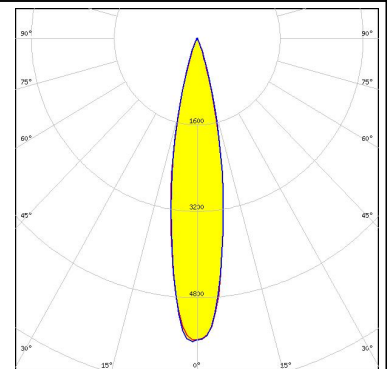
#### PHOTOMETRIC DATA (SIMULATED):



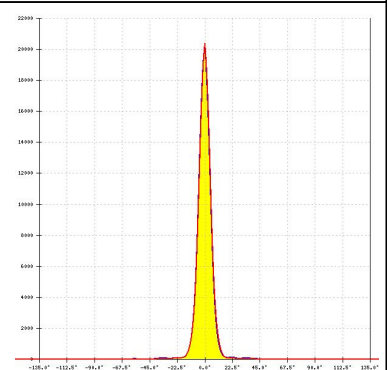
LED XT-E  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 86 %  
Peak intensity 12.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



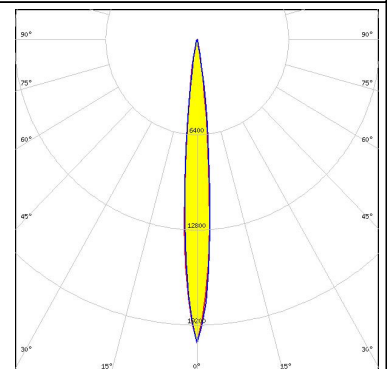
LED NVSW519A  
FWHM / FWTM 20.0° / 37.0°  
Efficiency 88 %  
Peak intensity 5.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



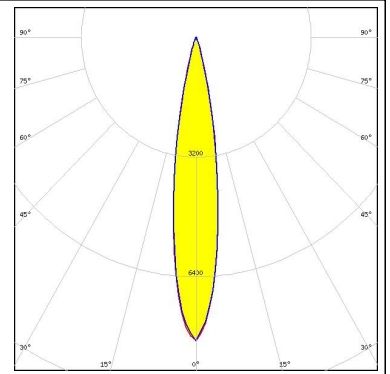
LED SFH 4716AS  
FWHM / FWTM 11.0° / 21.0°  
Efficiency 90 %  
Peak intensity 17.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

### SAMSUNG

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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