

## TINA-RS

~13° spot 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	Туре	Material	Colour	Finish
TINA-RS	Single lens	PMMA	clear	
TINA-N83-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

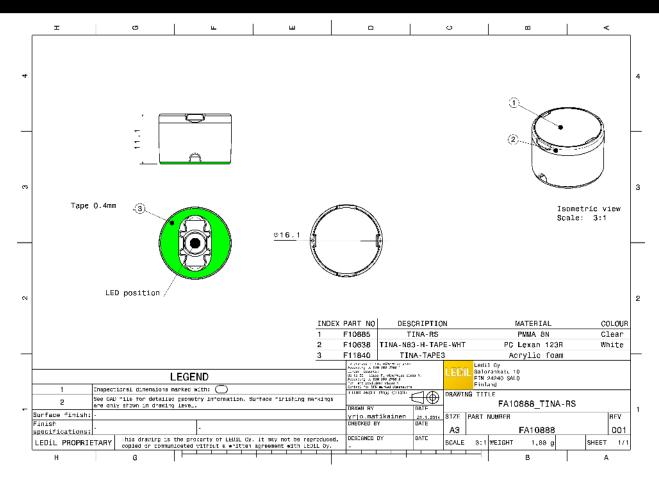
## **ORDERING INFORMATION:**

» Box size: 470 x 240 x 105 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10888_TINA-RS	Single lens	2016	288	144	4.1



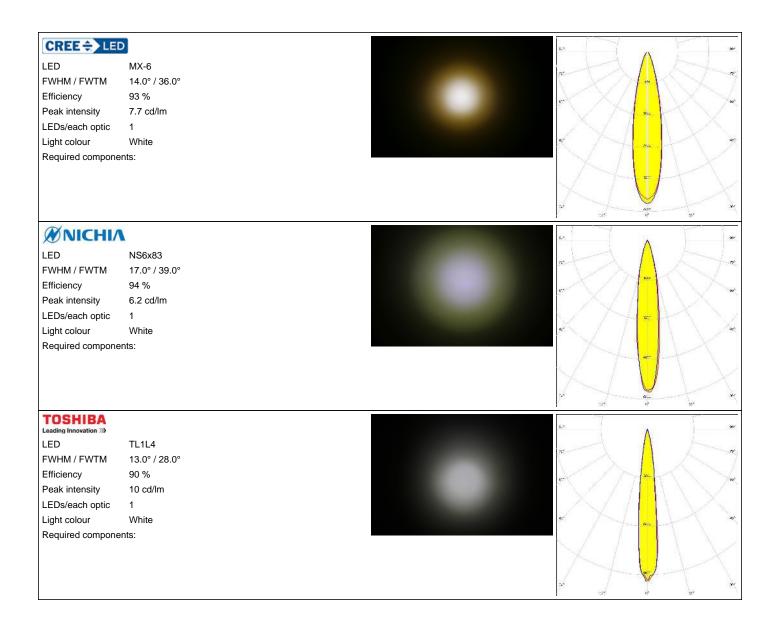
## PRODUCT DATASHEET FA10888\_TINA-RS



See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>



## **OPTICAL RESULTS (MEASURED):**



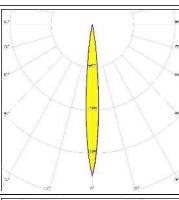


White



LED XP-E2
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 22.6 cd/lm
LEDs/each optic 1

Light colour
Required components:

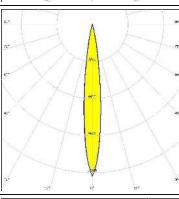


## CREE - LED

LED XP-G2
FWHM / FWTM 14.0° / 25.0°
Efficiency 92 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White

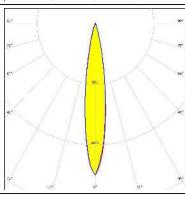
Required components:



## CREE + LED

LED XP-G3
FWHM / FWTM 16.0° / 32.0°
Efficiency 89 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White

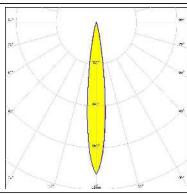
Required components:



## CREE - LED

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:





White

## CREE 1 LED

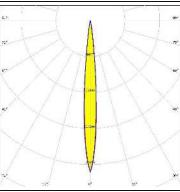
LED XT-E
FWHM / FWTM 12.0° / 24.0°
Efficiency 86 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1

Light colour
Required components:

## **MUMILEDS**

LED LUXEON CZ
FWHM / FWTM 10.0° / 18.0°
Efficiency 92 %
Peak intensity 27 cd/lm
LEDs/each optic 1
Light colour Red

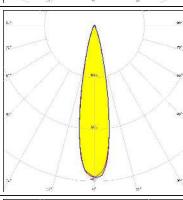
Required components:



## **WNICHIA**

LED NV4WB35AM
FWHM / FWTM 22.0° / 40.0°
Efficiency 90 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White

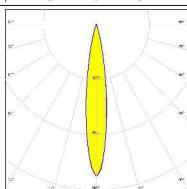
Required components:



## **WNICHIA**

LED NVSW219F
FWHM / FWTM 16.0° / 30.0°
Efficiency 92 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:







LED NVSW519A  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 20.0° / 37.0°

Efficiency 88 %

Peak intensity 5.6 cd/lm LEDs/each optic

Light colour White



Required components:

LED NVSxx19B/NVSxx19C

FWHM / FWTM 16.0° / 30.0° Efficiency 88 % Peak intensity 8.5 cd/lm

LEDs/each optic 1 White Light colour

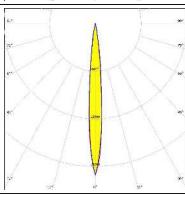
Required components:

## OSRAM Opto Semiconductors

LED OSLON Black FWHM / FWTM 10.0° / 20.0° Efficiency 89 % Peak intensity 20.4 cd/lm

LEDs/each optic Light colour White

Required components:



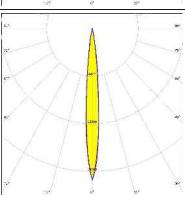
## OSRAM Opto Semiconductors

LED SFH 4716AS FWHM / FWTM 11.0° / 21.0°

Efficiency 90 % Peak intensity 17.7 cd/lm

LEDs/each optic Light colour Required components:

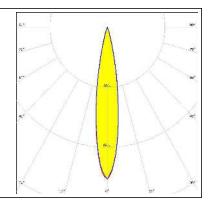
White





## 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:





# PRODUCT DATASHEET FA10888 TINA-RS

### **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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