

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	Type	Material	Colour	Finish	Length
TINA-RS	Single lens	PMMA	clear		16.0
TINA-N83-H-TAPE-WHT	Holder	PC	white		16.0
TINA-TAPE3	Tape	Acrylic foam	black		16.0

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg)

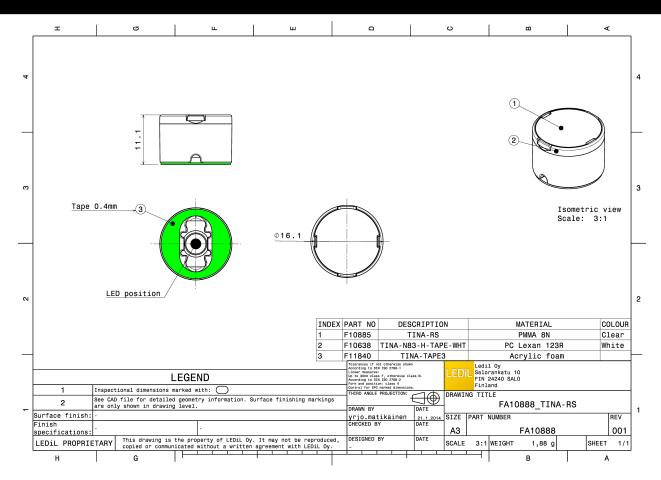
FA10888_TINA-RS 2016 288 144

» Box size: 470 x 240 x 105 mm

4.1



PRODUCT DATASHEET FA10888_TINA-RS



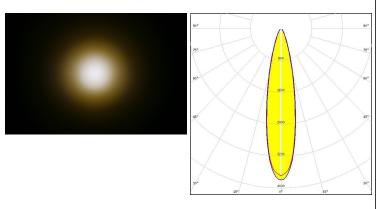
See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

CREE -

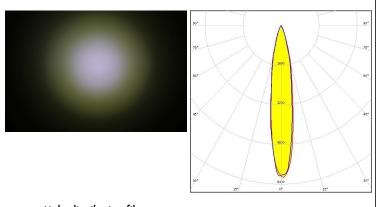
LED MX-6
FWHM / FWTM 14.0° / 36.0°
Efficiency 93 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

WNICHIA

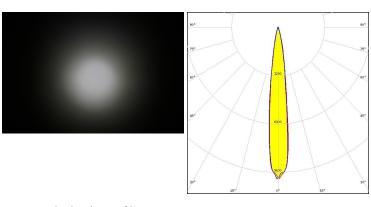
LED NS6x83
FWHM / FWTM 17.0° / 39.0°
Efficiency 94 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

TOSHIBA

LED TL1L4
FWHM / FWTM 13.0° / 28.0°
Efficiency 90 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



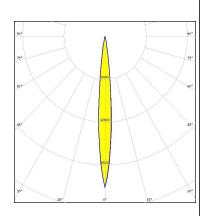
Light distribution files





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

Required components:

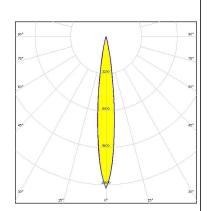


Light distribution files

CREE \$

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

Required components:

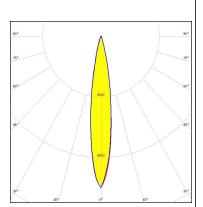


Light distribution files

CREE -

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

Light distribution files



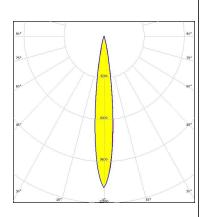


CREE \$

LED XP-L HI
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 11.6 cd/lm
LEDs/each optic 1

Light colour/type White

Required components:

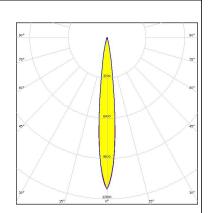


Light distribution files

CREE -

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

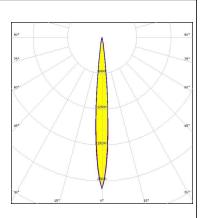
Required components:



Light distribution files

MILEDS

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



Light distribution files



WNICHIA

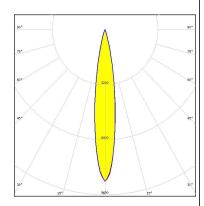
LED NV4WB35AM
FWHM / FWTM 22.0° / 40.0°
Efficiency 90 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



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

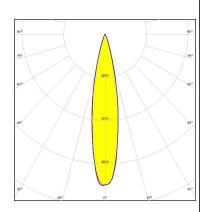
Required components:



Light distribution files



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



Light distribution files

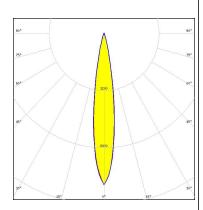


WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM 16.0° / 30.0°
Efficiency 88 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



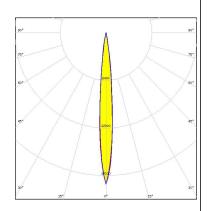
Light distribution files

OSRAM Opto Semiconductore

LED OSLON Black
FWHM / FWTM 10.0° / 20.0°
Efficiency 89 %
Peak intensity 20.4 cd/lm
LEDs/each optic 1

Light colour/type White

Required components:

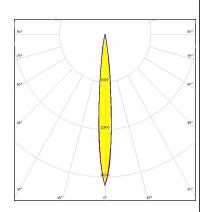


Light distribution files

OSRAM Opto Semiconductors

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

Required components:



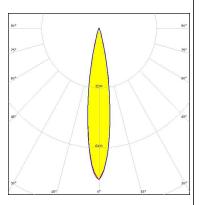
Light distribution files



SAMSUNG

LED LH351C
FWHM / FWTM 18.0° / 32.0°
Efficiency 94 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



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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