

TINA2-RS

~14° spot beam. Assembly with holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



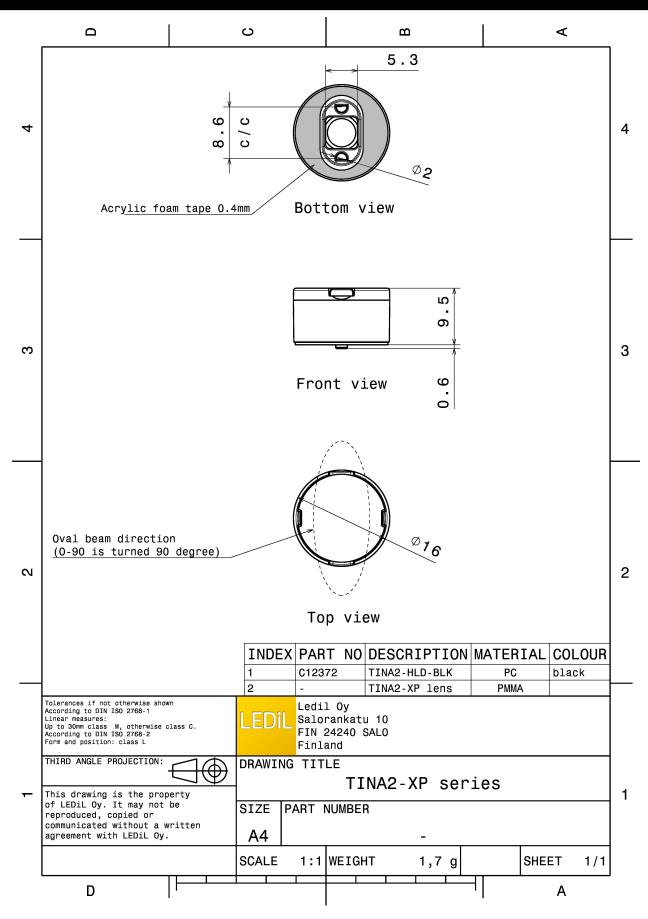
MATERIALS:

Component	Туре	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-HLD-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12374_TINA2-RS	Single lens	4140	230	230	8.3
» Box size: 451 x 241 x 298 mm					

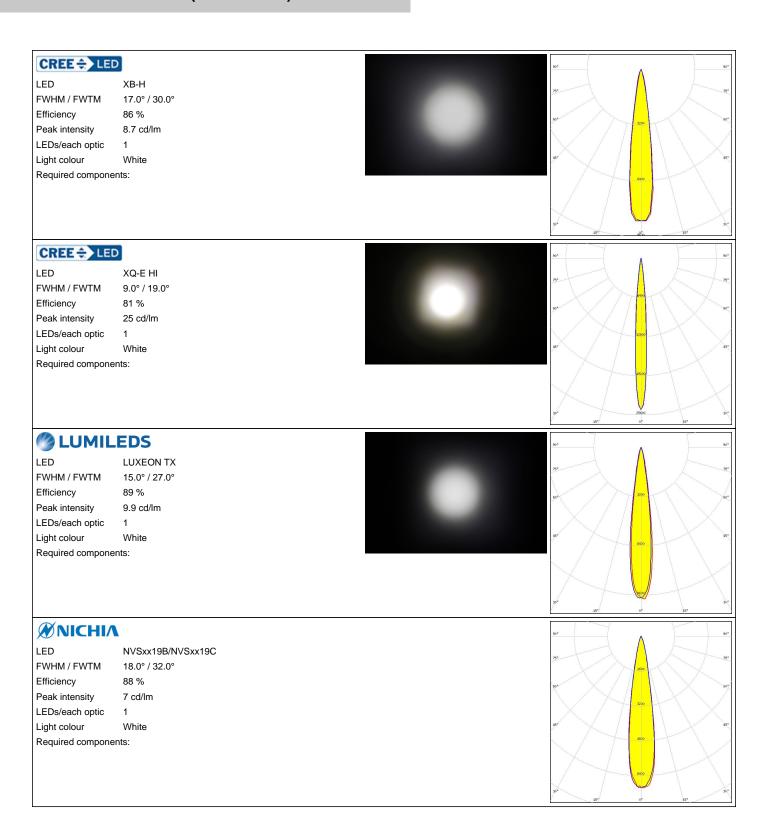




See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

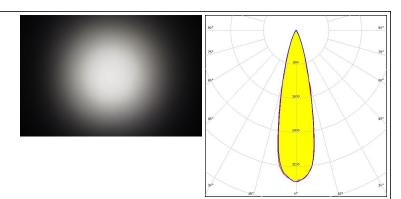




OPTICAL RESULTS (MEASURED):



LED NWSx229A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 25.0° / 47.0° Efficiency 86 % Peak intensity 3.6 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSLON Square EC FWHM / FWTM 13.0° / 26.0° Efficiency 88 % Peak intensity 9.3 cd/lm LEDs/each optic 1 White Light colour Required components:

OSRAM Opto Semiconductors

LED OSLON Square PC $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 12.0° / 25.0° Efficiency 88 % Peak intensity 9.2 cd/lm LEDs/each optic Light colour White Required components:

OSRAM

LED OSLON SSL 80 FWHM / FWTM 10.0° / 24.0° Efficiency 88 % Peak intensity 16 cd/lm LEDs/each optic White Light colour Required components:



OPTICAL RESULTS (MEASURED):

OSRAM

LED SFH 4180S FWHM / FWTM 6.0° / 16.0°

Efficiency % LEDs/each optic Light colour IR Required components:

OSRAM Opto Semiconductors

LED SFH 4716S FWHM / FWTM 11.0° / 22.0°

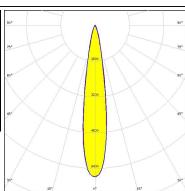
Efficiency % LEDs/each optic 1 White Light colour Required components:



SEOUL SEMICONDUCTOR

LED Z5M3 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 17.0° / 34.0° Efficiency 87 % Peak intensity 6.8 cd/lm LEDs/each optic Light colour White Required components:



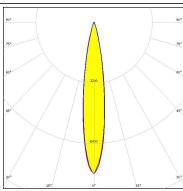




CREE . LED

LED XB-D $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 17.0° / 33.0° Efficiency 88 % Peak intensity 8 cd/lm LEDs/each optic Light colour White

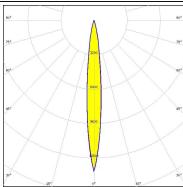
Required components:



LUMILEDS

LED LUXEON C FWHM / FWTM 11.0° / 26.0° Efficiency 92 % Peak intensity 14 cd/lm LEDs/each optic 1 White Light colour

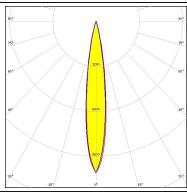
Required components:



LUMILEDS

LUXEON CZ LED FWHM / FWTM 15.0° / 29.0° Efficiency 92 % Peak intensity 10.8 cd/lm

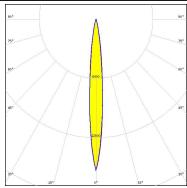
LEDs/each optic 1 Light colour Red Required components:



MUMILEDS

LED LUXEON IR Compact

FWHM / FWTM 10.0° / 22.0° Efficiency 87 % LEDs/each optic 1 IR Light colour Required components:





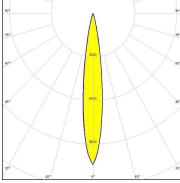


LED LUXEON Rubix
FWHM / FWTM 15.0° / 29.0°
Efficiency 92 %

Efficiency 92 %
Peak intensity 11.1 cd/lm

LEDs/each optic 1
Light colour Red

Required components:



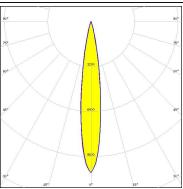
MUMILEDS

LED LUXEON Rubix
FWHM / FWTM 16.0° / 29.0°

Efficiency 92 %

Peak intensity 10.8 cd/lm

LEDs/each optic 1
Light colour Blue
Required components:



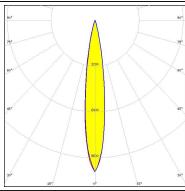
DESCRIPTION LUMILEDS

LED LUXEON Rubix
FWHM / FWTM 16.0° / 30.0°

Efficiency 92 %

Peak intensity 10.6 cd/lm

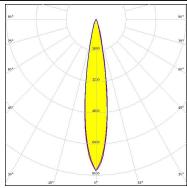
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NF2W757H
FWHM / FWTM 18.0° / 32.0°
Efficiency 92 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



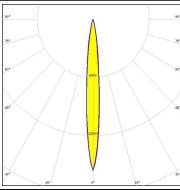


White

WNICHIA

LED NFSx757G FWHM / FWTM 10.0° / 24.0° Efficiency 93 % Peak intensity 16.7 cd/lm LEDs/each optic

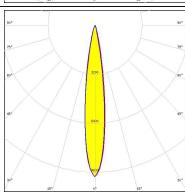
Required components:



OSRAM

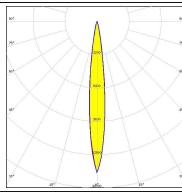
Light colour

LED Duris S5 (2 chip) FWHM / FWTM 15.0° / 29.0° Efficiency 92 % Peak intensity 9.9 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductors

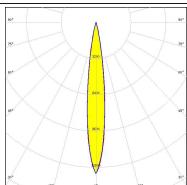
LED OSCONIQ P 3030 FWHM / FWTM 12.0° / 24.0° Efficiency 91 % Peak intensity 16 cd/lm LEDs/each optic 1 Light colour Blue Required components:



OSRAM

LED

OSLON Black Flat FWHM / FWTM 14.0° / 26.0° Efficiency 92 % Peak intensity 13.4 cd/lm LEDs/each optic White Light colour Required components:



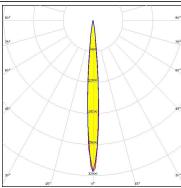


OSRAM

LED OSLON Black Flat

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 8.6° / 17.0° Efficiency 92 % Peak intensity 32.4 cd/lm LEDs/each optic

Light colour Required components:



OSRAM

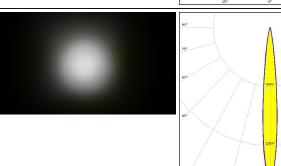
LED

OSLON Square Flat

White

FWHM / FWTM 11.0° / 23.0° Efficiency 91 % Peak intensity 16.4 cd/lm LEDs/each optic 1 White Light colour

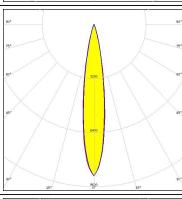
Required components:



OSRAM Opto Semiconductor

LED OSLON SSL 150 FWHM / FWTM 17.0° / 32.0° Efficiency 92 % Peak intensity 9 cd/lm LEDs/each optic Light colour White

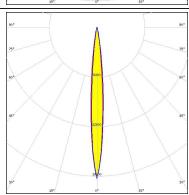
Required components:



OSRAM

SFH 4170S FWHM / FWTM 10.0° / 21.0° Efficiency 81 % LEDs/each optic 1

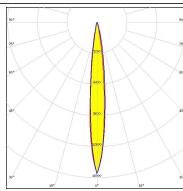
IR Light colour Required components:





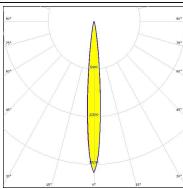
OSRAM

LED SFH 4770S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 13.0° / 29.0° Efficiency 92 % LEDs/each optic Light colour IR Required components:



OSRAM

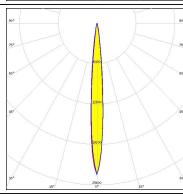
LED Synios P2720 1 mm FWHM / FWTM 10.0° / 20.0° Efficiency 92 % Peak intensity 20.3 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductor

LED Synios P2720 1/2 mm

FWHM / FWTM 9.0° / 18.0° Efficiency 92 % Peak intensity 24 cd/lm LEDs/each optic 1 Light colour White Required components:



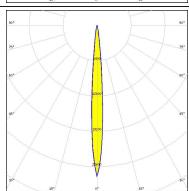
OSRAM

LED

Synios P2720 1/4 mm

FWHM / FWTM 8.0° / 17.0° Efficiency 92 % Peak intensity 27.5 cd/lm LEDs/each optic White Light colour

Required components:





PRODUCT DATASHEET CA12374_TINA2-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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