

TINA2-RS

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

TECHNICAL SPECIFICATIONS:

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



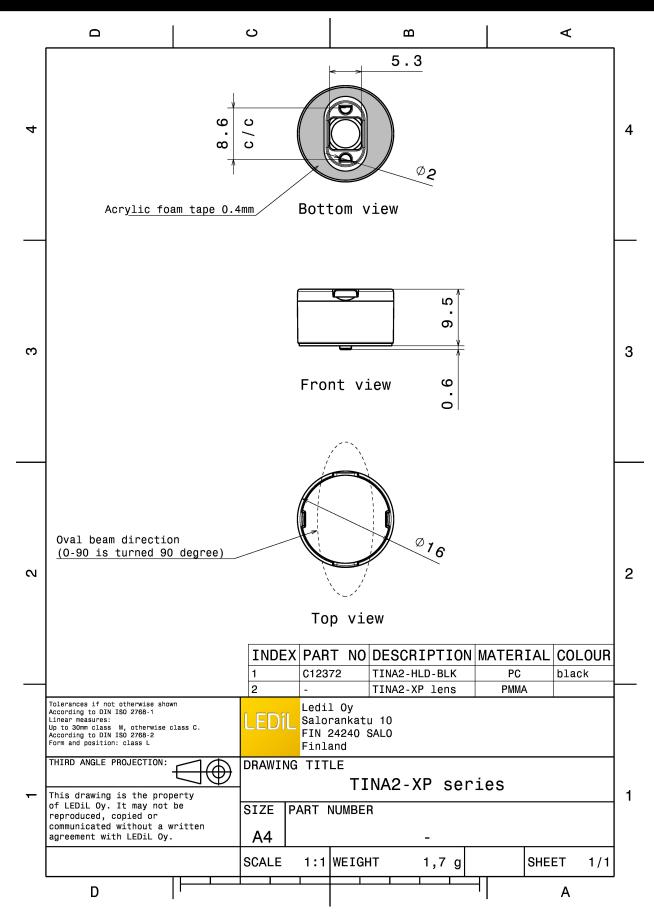
MATERIAL SPECIFICATIONS:

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

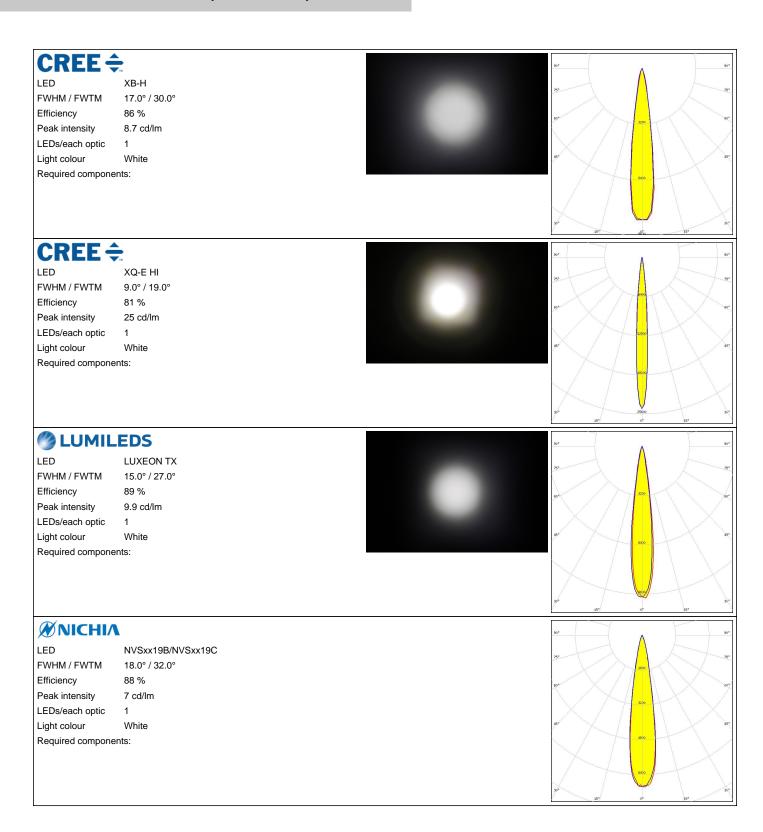




See also our general installation guide: www.ledil.com/installation_guide



PHOTOMETRIC DATA (MEASURED):

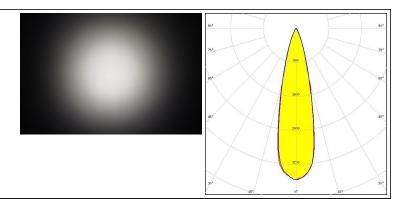




PHOTOMETRIC DATA (MEASURED):



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 150 FWHM / FWTM 11.0° / 22.0° Efficiency 90 % Peak intensity 19.5 cd/lm LEDs/each optic White Light colour Required components:

Published: 16/11/2018



PHOTOMETRIC DATA (MEASURED):

OSRAM

LED OSLON SSL 80 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 10.0° / 24.0° Efficiency 88 % Peak intensity 16 cd/lm LEDs/each optic Light colour White

OSRAM

Required components:

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

LEDs/each optic 1 IR Light colour Required components:

OSRAM Opto Semiconductors

LED SFH 4716S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 11.0° / 22.0°

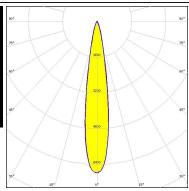
Efficiency % LEDs/each optic Light colour White Required components:

SEOUL

SEOUL SEMICONDUCTOR

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





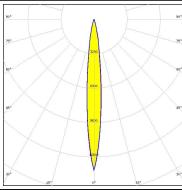


PHOTOMETRIC DATA (SIMULATED):



LED LUXEON C $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 11.0° / 26.0° Efficiency 92 % Peak intensity 14 cd/lm LEDs/each optic Light colour White

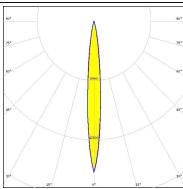
Required components:



LUMILEDS

LUXEON IR Compact

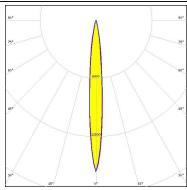
FWHM / FWTM 10.0° / 22.0° Efficiency 87 % LEDs/each optic 1 IR Light colour Required components:



WNICHIA

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

LEDs/each optic 1 Light colour White Required components:

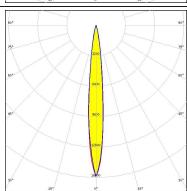


OSRAM

LED OSCONIQ P 3030 FWHM / FWTM 12.0° / 24.0°

Efficiency 91 % Peak intensity 16 cd/lm LEDs/each optic 1 Blue Light colour

Required components:



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PHOTOMETRIC DATA (SIMULATED):

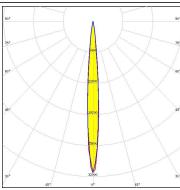


Light colour

LED OSLON Black Flat

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

Required components:



OSRAM

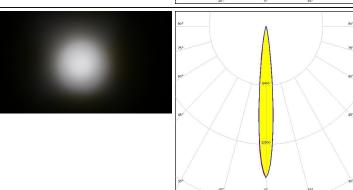
LED

OSLON Square Flat

White

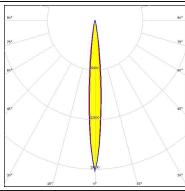
FWHM / FWTM 11.0° / 23.0° Efficiency 91 % Peak intensity 16.4 cd/lm LEDs/each optic 1 White Light colour

Required components:



OSRAM Opto Semiconductors

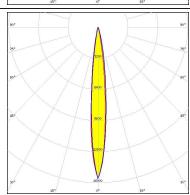
LED SFH 4170S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 10.0° / 21.0° Efficiency 81 % LEDs/each optic 1 Light colour IR Required components:



OSRAM

SFH 4770S LED FWHM / FWTM 13.0° / 29.0° Efficiency 92 % LEDs/each optic 1

IR Light colour Required components:



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PHOTOMETRIC DATA (SIMULATED):

OSRAM

LED

Synios P2720 1 mm

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$

10.0° / 20.0° 92 %

Efficiency Peak intensity

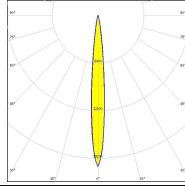
LEDs/each optic

20.3 cd/lm

Light colour

White

Required components:



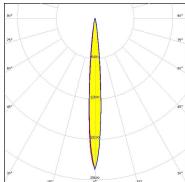
OSRAM

LED Synios P2720 1/2 mm

White

FWHM / FWTM 9.0° / 18.0° Efficiency 92 % Peak intensity 24 cd/lm LEDs/each optic 1

Light colour Required components:



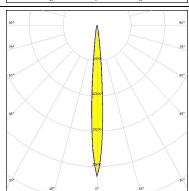
OSRAM Opto Semiconductors

LED Synios P2720 1/4 mm

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 8.0° / 17.0° Efficiency 92 % Peak intensity 27.5 cd/lm

LEDs/each optic 1 Light colour White

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:

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