

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 ①



MATERIALS:

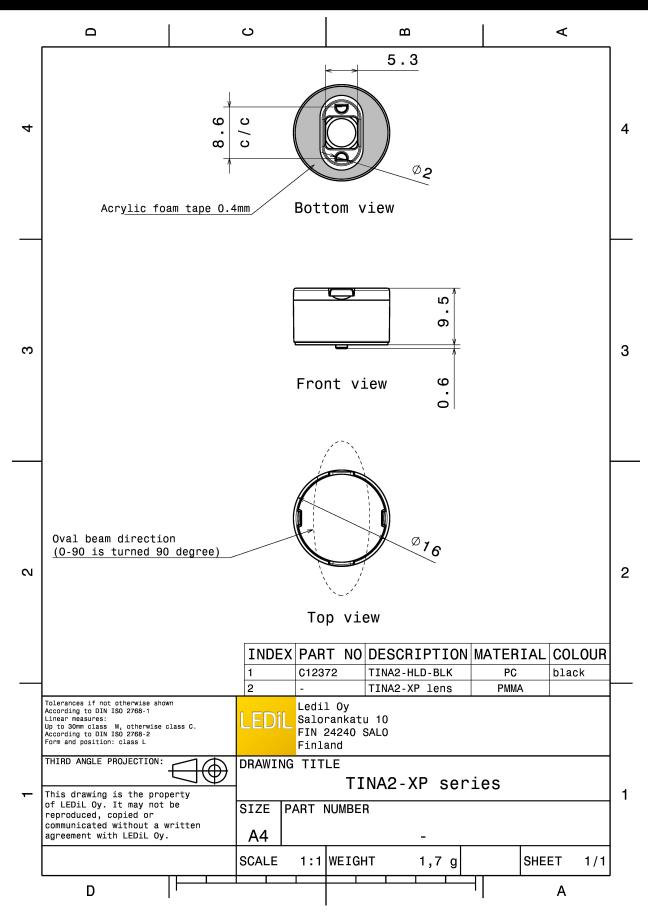
Component	Туре	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-HLD-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

» Box size: 451 x 241 x 298 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12374_TINA2-RS	Single lens	4140	230	230	8.3

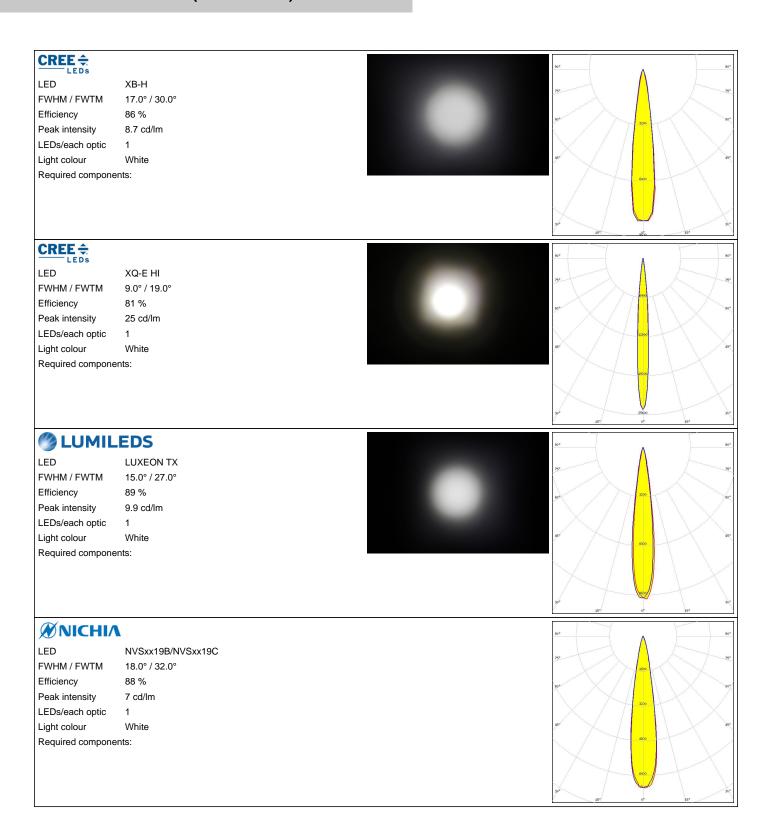




See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):

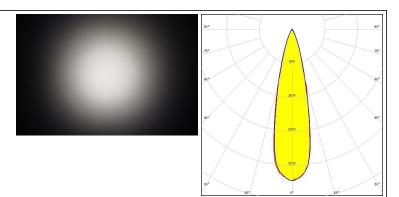




OPTICAL RESULTS (MEASURED):



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

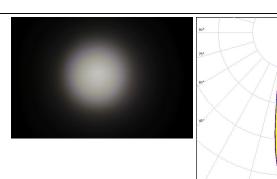
LED SFH 4716S FWHM / FWTM 11.0° / 22.0°

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
 XB-D

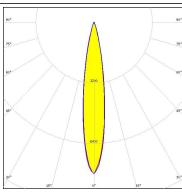
 FWHM / FWTM
 17.0° / 33.0°

 Efficiency
 88 %

 Post interests
 2.0 d/f/s

Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE \$

 LED
 XE-G

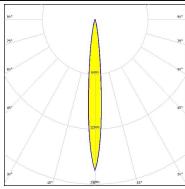
 FWHM / FWTM
 10.0° / 23.0°

 Efficiency
 91 %

 Peak intensity
 17.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:



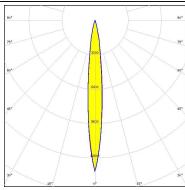
MUMILEDS

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

White

Required components:

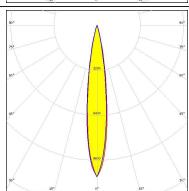
Light colour



DESCRIPTION LUMILEDS

LED LUXEON CZ
FWHM / FWTM 15.0° / 29.0°
Efficiency 92 %
Peak intensity 10.8 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour Red
Required components:

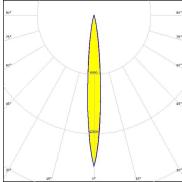




LUMILEDS

LUXEON IR Compact LED

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 10.0° / 22.0° Efficiency 87 % LEDs/each optic 1 Light colour IR

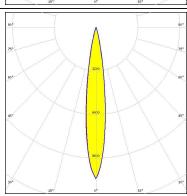


MUMILEDS

Required components:

LED LUXEON Rubix FWHM / FWTM 15.0° / 29.0° Efficiency 92 % Peak intensity 11.1 cd/lm

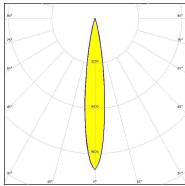
LEDs/each optic 1 Red Light colour Required components:



LUMILEDS

LED LUXEON Rubix FWHM / FWTM 16.0° / 29.0° Efficiency 92 % Peak intensity 10.8 cd/lm

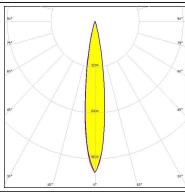
LEDs/each optic 1 Light colour Blue Required components:



MUMILEDS

LED LUXEON Rubix FWHM / FWTM 16.0° / 30.0° Efficiency 92 % Peak intensity 10.6 cd/lm LEDs/each optic

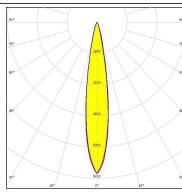
White Light colour Required components:





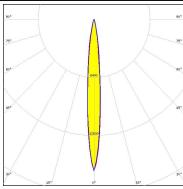
WNICHIA

LED NF2W757H $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 18.0° / 32.0° Efficiency 92 % Peak intensity 7.8 cd/lm LEDs/each optic Light colour White Required components:



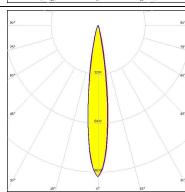
WNICHIA

LED NFSx757G FWHM / FWTM 10.0° / 24.0° Efficiency 93 % Peak intensity 16.7 cd/lm LEDs/each optic 1 White Light colour Required components:



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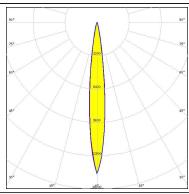
LED Duris S5 (2 chip) FWHM / FWTM 15.0° / 29.0° Efficiency 92 % Peak intensity 9.9 cd/lm LEDs/each optic 1 Light colour White Required components:



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:



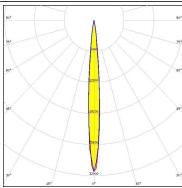


OSRAM

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 8.6° / 17.0° Efficiency 92 % Peak intensity 32.4 cd/lm LEDs/each optic Light colour White

Required components:

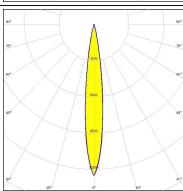


OSRAM

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 14.0° / 26.0° Efficiency 92 % Peak intensity 13.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

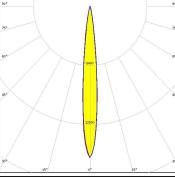


OSRAM Opto Semiconductors

LED OSLON Square Flat FWHM / FWTM 11.0° / 23.0° Efficiency 91 % Peak intensity 16.4 cd/lm

LEDs/each optic 1 Light colour White Required components:



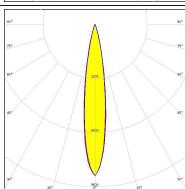


OSRAM

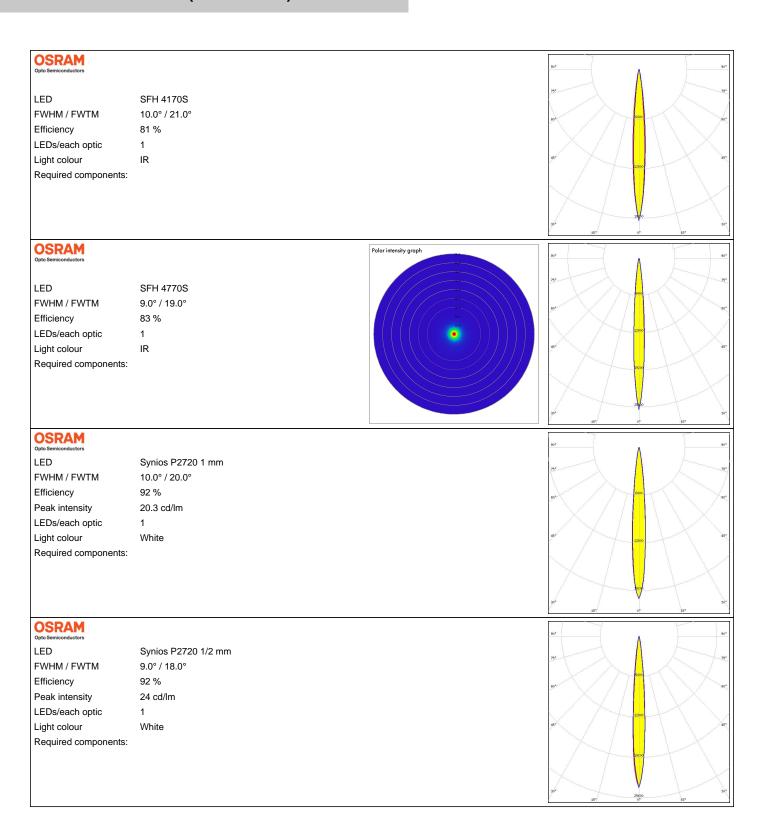
LED

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

Required components:









OSRAM Opto Semiconductors

Light colour

LED Synios P2720 1/4 mm

White

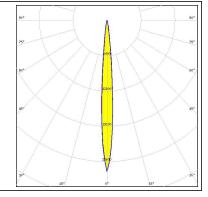
 FWHM / FWTM
 8.0° / 17.0°

 Efficiency
 92 %

 Peak intensity
 27.5 cd/lm

 LEDs/each optic
 1

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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LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405, Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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