

TINA2-O

~35° + 15° oval 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 🕕			



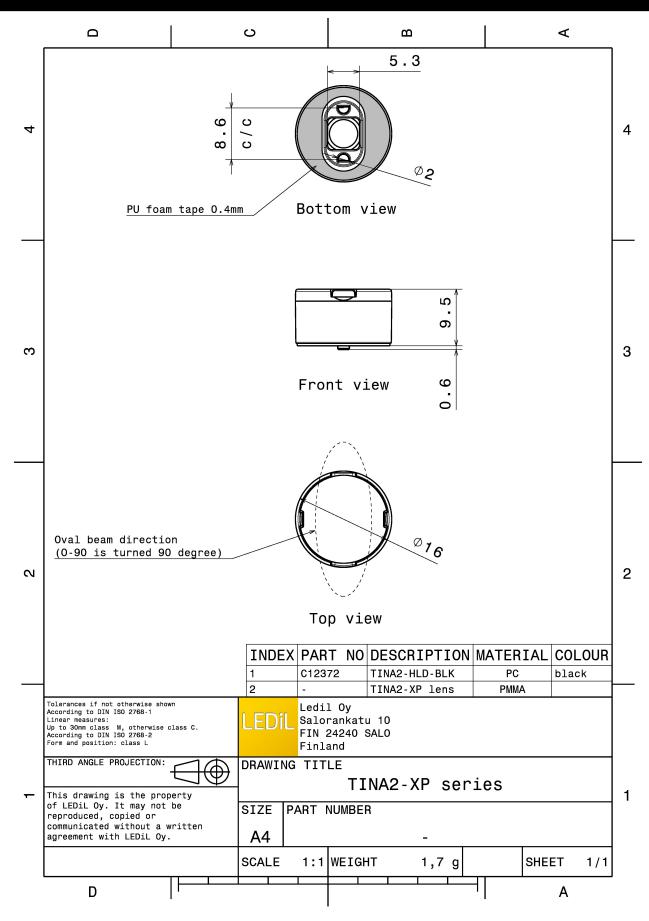
MATERIALS:

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

ORDERING INFORMATION:

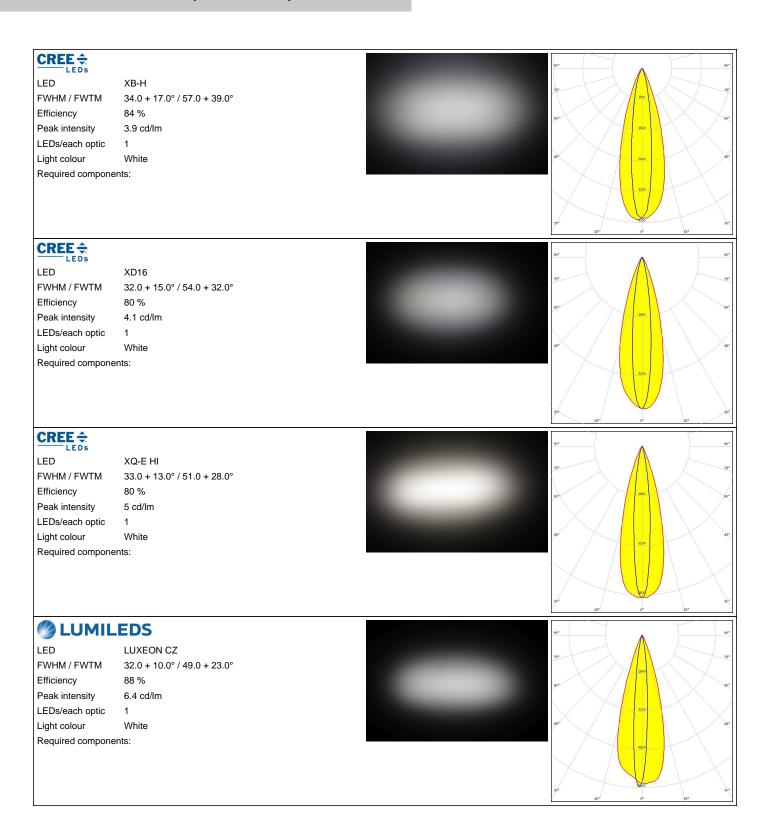
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12379_TINA2-O	Single lens	4140	230	230	8.5
» Box size: 451 x 241 x 298 mm					



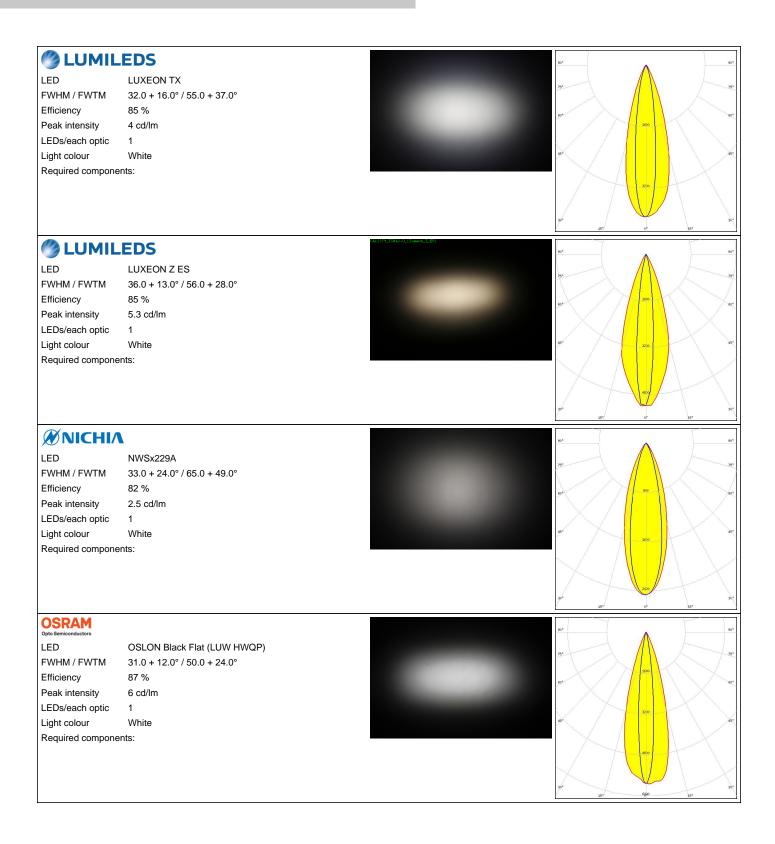


See also our general installation guide: www.ledil.com/installation_guide









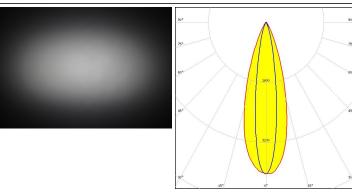


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM $32.0 + 16.0^{\circ} / 55.0 + 36.0^{\circ}$

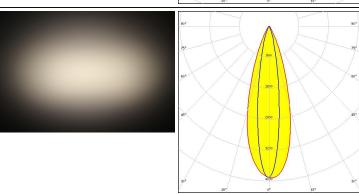
Efficiency 87 % Peak intensity 4 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSLON Square EC FWHM / FWTM 33.0 + 17.0° / 57.0 + 37.0°

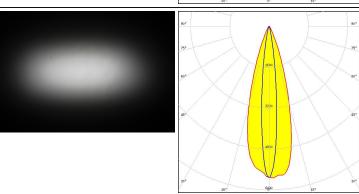
Efficiency 84 % Peak intensity 3.9 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductor

LED OSLON Square Flat FWHM / FWTM $31.0 + 12.0^{\circ} / 50.0 + 24.0^{\circ}$

Efficiency 87 % Peak intensity 5.9 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED

OSLON Square PC

FWHM / FWTM 33.0 + 13.0° / 56.0 + 34.0°

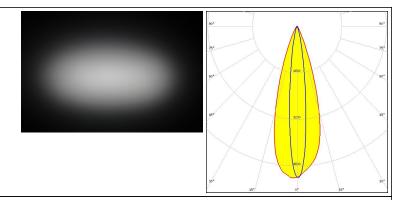
Efficiency 87 % Peak intensity 3.8 cd/lm LEDs/each optic White Light colour Required components:



OSRAM

LED OSLON SSL 150 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $33.0 + 13.0^{\circ} / 52.0 + 28.0^{\circ}$

Efficiency 86 % Peak intensity 5.2 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSLON SSL 150 FWHM / FWTM 38.0 + 13.0° / 59.0 + 30.0°

Efficiency 87 % Peak intensity 3.7 cd/lm LEDs/each optic 1 White Light colour Required components:

OSRAM Opto Semiconductors

LED OSLON SSL 80

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $35.0 + 12.0^{\circ} / 56.0 + 30.0^{\circ}$

Efficiency 86 % Peak intensity 3.8 cd/lm LEDs/each optic Light colour White Required components:

OSRAM

SFH 4170S

FWHM / FWTM 30.0 + 10.0° / 50.0 + 26.0°

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





LED SFH 4180S

FWHM / FWTM 31.0 + 10.0° / 50.0 + 27.0°

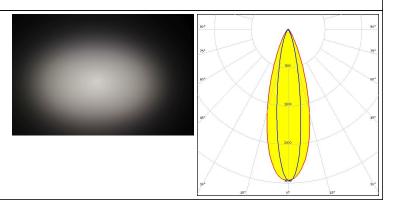
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:



LED Z5M3

FWHM / FWTM 33.0 + 19.0° / 59.0 + 42.0°

Efficiency 82 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:





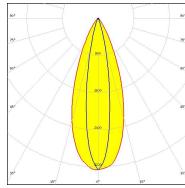
CREE &

LED XB-D

FWHM / FWTM $39.0 + 18.0^{\circ}$ / $67.0 + 36.0^{\circ}$

Efficiency 86 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



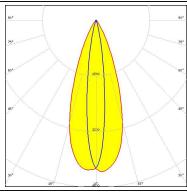
CREE &

LED XE-G

FWHM / FWTM 38.0 + 14.0° / 62.0 + 28.0°

Efficiency 89 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White

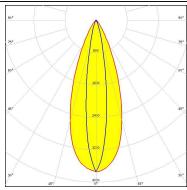
Required components:



DESCRIPTION LUMILEDS

LED LUXEON 2835 Line FWHM / FWTM 38.0 + 16.0° / 66.0 + 34.0°

Efficiency 96 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

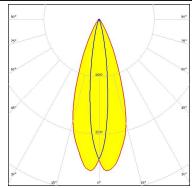


MILEDS

LED LUXEON C

FWHM / FWTM 14.0 + 37.0° / 30.0 + 60.0°

Efficiency 93 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:





MUMILEDS

LED LUXEON IR Compact FWHM / FWTM 37.0 + 13.0° / 60.0 + 27.0°

Efficiency 82 % LEDs/each optic 1 Light colour White

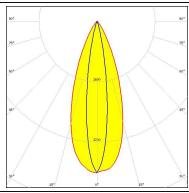
Required components:

MUMILEDS

LED LUXEON Rubix

FWHM / FWTM 38.0 + 16.0° / 66.0 + 30.0°

Efficiency 91 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:



MILEDS

LED LUXEON Rubix

FWHM / FWTM 38.0 + 16.0° / 65.0 + 31.0°

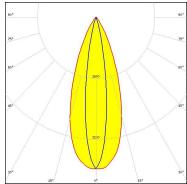
Efficiency 90 %

Peak intensity 4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

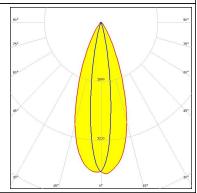


MILEDS

LED LUXEON Rubix

FWHM / FWTM $38.0 + 16.0^{\circ} / 65.0 + 30.0^{\circ}$

Efficiency 91 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour Red
Required components:





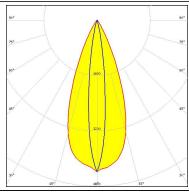
WNICHIA

LED NCSxE17A

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $42.0 + 13.0^{\circ} / 62.0 + 26.0^{\circ}$

Efficiency 87 % Peak intensity 4.4 cd/lm LEDs/each optic Light colour White

Required components:



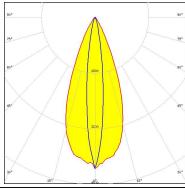
WNICHIA

LED NFSx757G

FWHM / FWTM 41.0 + 13.0° / 63.0 + 29.0°

Efficiency 90 % Peak intensity 4.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

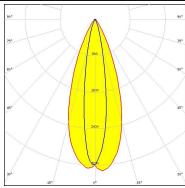


WNICHIA

LED NVSxx19B/NVSxx19C FWHM / FWTM $39.0 + 17.0^{\circ} / 66.0 + 36.0^{\circ}$

Efficiency 86 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour White

Required components:

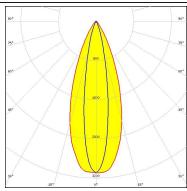


WNICHIA

NVSxx19B/NVSxx19C FWHM / FWTM 39.0 + 18.0° / 68.0 + 39.0°

Efficiency 85 % Peak intensity 3.1 cd/lm LEDs/each optic White Light colour

Required components:





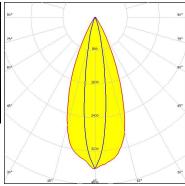
OSRAM

LED Duris S5 (2 chip)

FWHM / FWTM $41.0 + 17.0^{\circ} / 64.0 + 34.0^{\circ}$

Efficiency 91 % Peak intensity 3.6 cd/lm LEDs/each optic Light colour White Required components:





OSRAM

LED SFH 4770S

FWHM / FWTM 41.0 + 16.0° / 63.0 + 33.0°

Efficiency 85 % Peak intensity 3.5 cd/lm LEDs/each optic 1 White Light colour

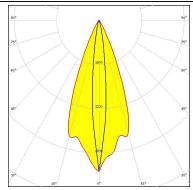
Required components:

OSRAM Opto Semiconductor

LED Synios P2720 1 mm FWHM / FWTM $41.0 + 11.0^{\circ} / 57.0 + 23.0^{\circ}$

Efficiency 91 % Peak intensity 5.5 cd/lm LEDs/each optic 1 Light colour White

Required components:



OSRAM

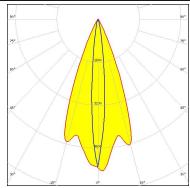
LED

Synios P2720 1/2 mm

FWHM / FWTM 41.0 + 10.0° / 56.0 + 23.0°

91 % Efficiency Peak intensity 5.7 cd/lm LEDs/each optic White Light colour

Required components:





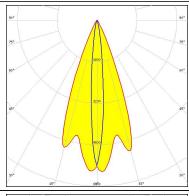
OSRAM

LED Synios P2720 1/4 mm $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $41.0 + 9.0^{\circ} / 56.0 + 22.0^{\circ}$

91 % Efficiency Peak intensity 6 cd/lm

LEDs/each optic Light colour White

Required components:



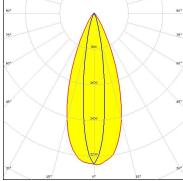
SAMSUNG

LED LM302D

FWHM / FWTM 40.0 + 16.0° / 66.0 + 36.0°

Efficiency 88 % Peak intensity 3.4 cd/lm LEDs/each optic 1 White Light colour

Required components:



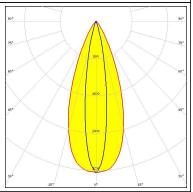
SEOUL

LED Z8Y15

 $40.0 + 17.0^{\circ} / 66.0 + 32.0^{\circ}$ $\mathsf{FWHM}\,/\,\mathsf{FWTM}$

Efficiency 82 % Peak intensity 3.3 cd/lm LEDs/each optic 1 Light colour White

Required components:





PRODUCT DATASHEET CA12379_TINA2-O

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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