

TINA2-SS

~20° smooth spot beam. Assembly with holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.0
Height	9.3 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

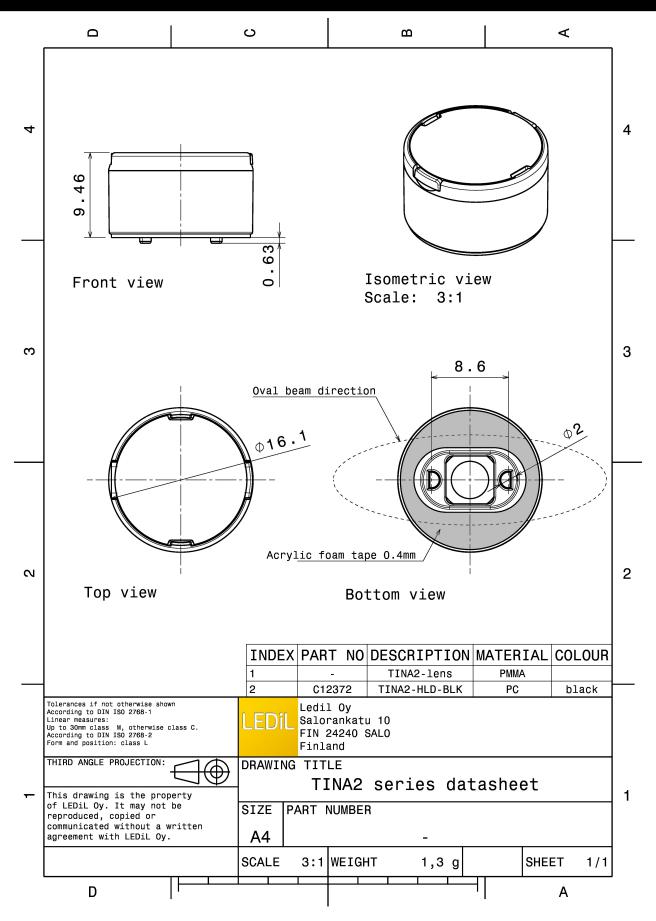
Component	Туре	Material	Colour	Finish	Length
TINA2-SS	Single lens	PMMA	clear		14.8
TINA2-HLD-BLK	Holder	PC	black		16.1
TINA-TAPE3	Tape	Acrylic foam	black		16.0

ORDERING INFORMATION:

» Box size: 451 x 254 x 197 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12376_TINA2-SS	Single lens	4140	230	230	8.1





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



CREE &

 LED
 XB-H

 FWHM / FWTM
 22.0° / 41.0°

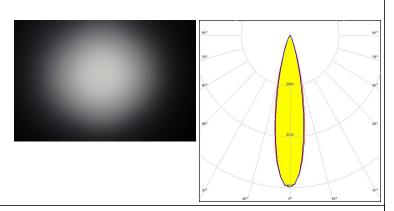
 Efficiency
 87 %

 Peak intensity
 4.8 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

 Required components



CREE \$

LED XQ-E HD
FWHM / FWTM 22.0° / 39.0°
Efficiency 85 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

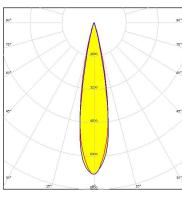


Light distribution files

UMILEDS

LED LUXEON CZ
FWHM / FWTM 20.0° / 33.0°
Efficiency 91 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



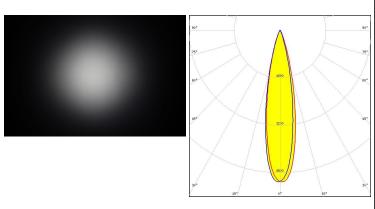


Light distribution files



DIVIDITY LUMILEDS

LED LUXEON TX
FWHM / FWTM 22.0° / 40.0°
Efficiency 89 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

UMILEDS

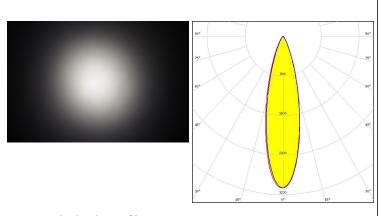
LED LUXEON Z ES
FWHM / FWTM 21.0° / 37.0°
Efficiency 88 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

WNICHIA

LED NWSx229A
FWHM / FWTM 26.0° / 52.0°
Efficiency 86 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



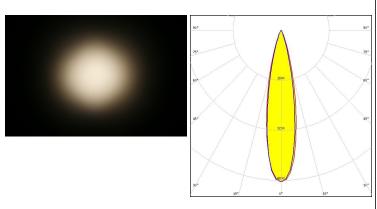
Light distribution files



OSRAM Opto Semiconductors

Required components:

LED OSLON Square EC
FWHM / FWTM 23.0° / 40.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White

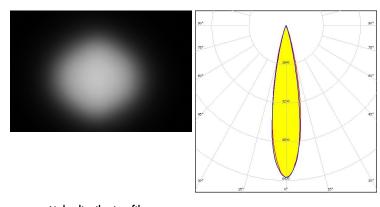


Light distribution files

OSRAM Opto Semiconductors

Opto Semiconduc

LED OSLON SSL 150
FWHM / FWTM 22.0° / 37.0°
Efficiency 89 %
Peak intensity 6.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



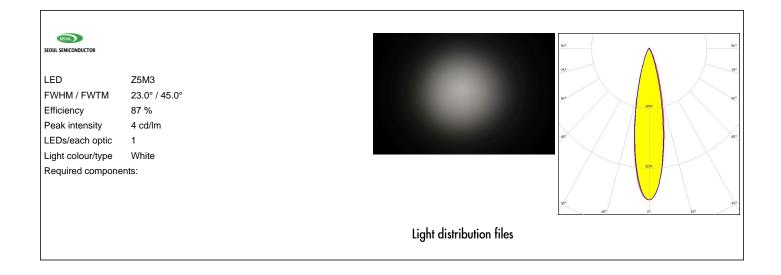
Light distribution files

OSRAM

LED SFH 4725S FWHM / FWTM 20.0° / 39.0°

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

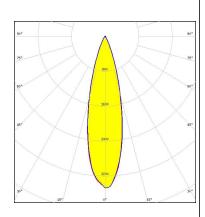






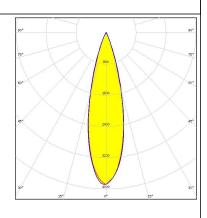
CREE \$

LED XB-D
FWHM / FWTM 26.0° / 49.0°
Efficiency 88 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



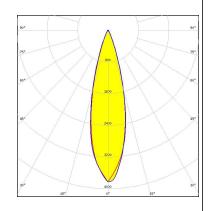
CREE -

LED XE-G
FWHM / FWTM 27.0° / 46.0°
Efficiency 91 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



MUMILEDS

LED LUXEON C
FWHM / FWTM 26.0° / 45.0°
Efficiency 93 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:







LED LUXEON IR Compact

White

FWHM / FWTM 26.0° / 44.0° Efficiency 84 % LEDs/each optic 1

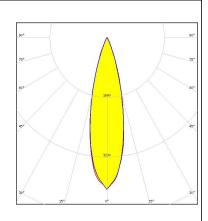
Required components:

Light colour/type

MILEDS

LED LUXEON Rubix
FWHM / FWTM 26.0° / 46.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type Blue

Required components:



DESCRIPTION

LED LUXEON Rubix
FWHM / FWTM 26.0° / 46.0°

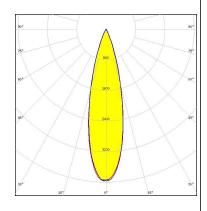
Efficiency 92 %

Peak intensity 4 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:







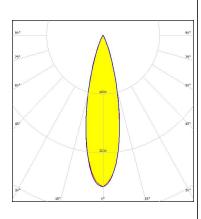
LED LUXEON Rubix
FWHM / FWTM 26.0° / 45.0°

Efficiency 92 %
Peak intensity 4.1 cd/lm

LEDs/each optic 1

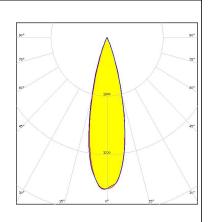
Light colour/type Red

Required components:



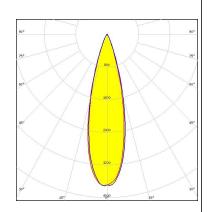
UMILEDS

LED LUXEON Z ES
FWHM / FWTM 26.0° / 44.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



WNICHIA

LED NFSx757G
FWHM / FWTM 27.0° / 47.0°
Efficiency 92 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:





OSRAM Opto Semiconductors

LED Duris S5 (2 chip)
FWHM / FWTM 25.0° / 46.0°

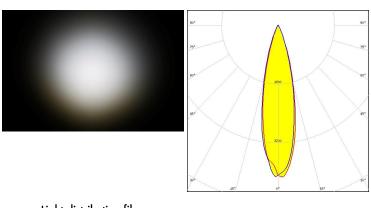
Efficiency 92 %

Peak intensity 4.1 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



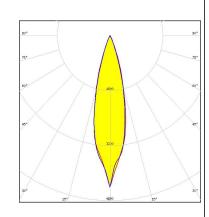
Light distribution files

OSRAM Opto Semiconductors

Opto Semiconducto

LED OSCONIQ P 3030
FWHM / FWTM 24.0° / 45.0°
Efficiency 91 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour/type Blue

Required components:

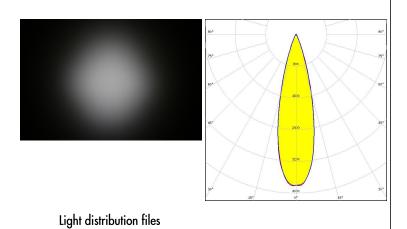


OSRAM

LED OSLON Square Flat

FWHM / FWTM 27.0° / 45.0°
Efficiency 90 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour/type White

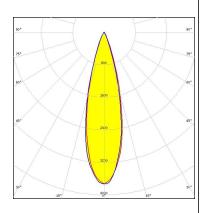
Required components:





OSRAM Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 27.0° / 46.0°
Efficiency 90 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OSRAM Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 24.0° / 44.0°
Efficiency 86 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



PRODUCT DATASHEET CA12376_TINA2-SS

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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