

TINA2-RS

~14° spot beam optimized for Osram Golden Dragon+. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10.1 mm
Fastening	tape
ROHS compliant	yes 🕕



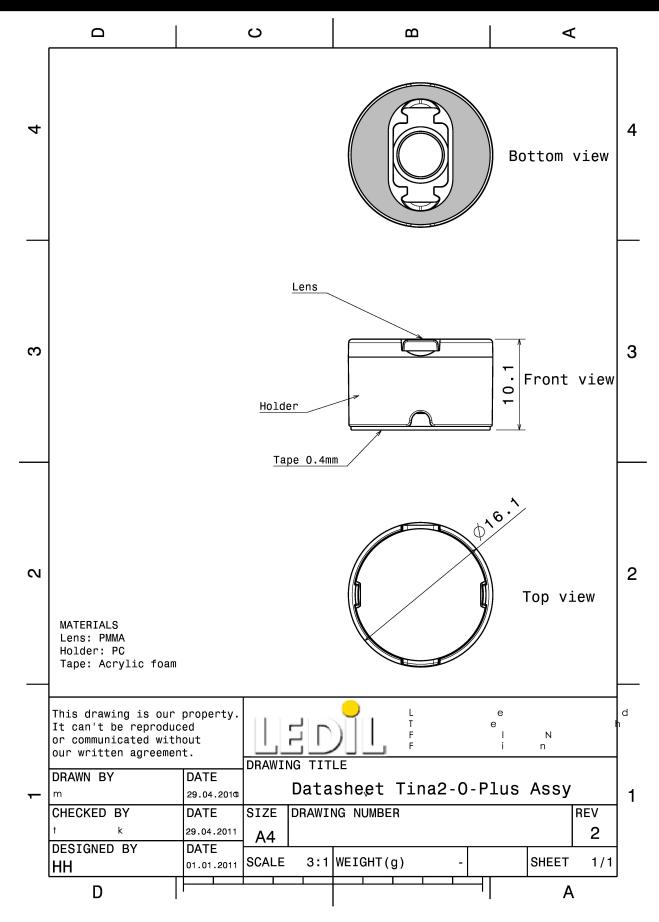
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11847_TINA2-RS	Single lens	4140	230	230	0.0
» Box size: 451 x 241 x 298 mm					





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



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

Required components:

LED Golden Dragon+
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
Peak intensity 18 cd/lm
LEDs/each optic 1
Light colour White



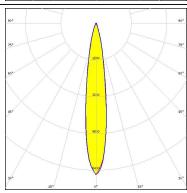


LED XP-G2 HE
FWHM / FWTM 17.0° / 34.0°
Efficiency 88 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White

CREE & LED

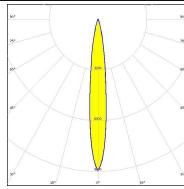
Required components:

LED XP-G3
FWHM / FWTM 16.0° / 34.0°
Efficiency 85 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



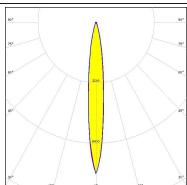
CREE - LED

LED XP-L HI
FWHM / FWTM 12.0° / 30.0°
Efficiency 89 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE - LED

LED XT-E
FWHM / FWTM 12.0° / 30.0°
Efficiency 82 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:





MUMILEDS

LED LUXEON 3030 HE Plus

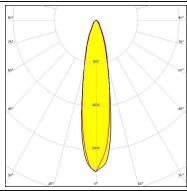
FWHM / FWTM 14.0° / 34.0°
Efficiency 87 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

25. 1200 25.

LUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM 22.0° / 52.0°
Efficiency 85 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

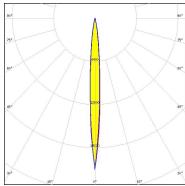
 LED
 LUXEON CZ

 FWHM / FWTM
 8.0° / 20.0°

 Efficiency
 88 %

 Peak intensity
 22.5 cd/lm

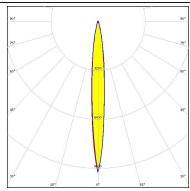
LEDs/each optic 1
Light colour Red
Required components:



DESCRIPTION LUMILEDS

LED LUXEON IR Domed 150

FWHM / FWTM 10.0° / 27.0°
Efficiency 81 %
LEDs/each optic 1
Light colour IR
Required components:





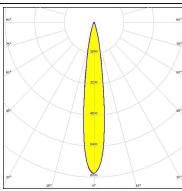
WNICHIA

LED NV4WB35AM
FWHM / FWTM 20.0° / 44.0°
Efficiency 86 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White

WNICHIA

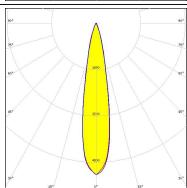
Required components:

LED NVSW219F
FWHM / FWTM 16.0° / 32.0°
Efficiency 89 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NVSW519A
FWHM / FWTM 20.0° / 38.0°
Efficiency 85 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White

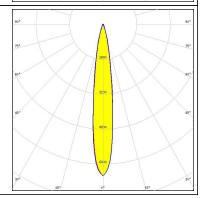


WNICHIA

Required components:

LED NVSxx19B/NVSxx19C

FWHM / FWTM 16.0° / 33.0°
Efficiency 84 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:





OSRAM

LED

Duris S8

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

25.0° / 59.0°

Efficiency

85 %

Peak intensity

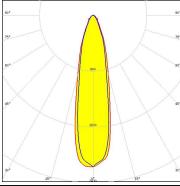
2.2 cd/lm

LEDs/each optic

Light colour

1 White

Required components:



OSRAM

Opto Semiconductor

Peak intensity

LED KW CULPM1.TG

 $FWHM / FWTM \qquad \qquad 10.0^{\circ} / 24.0^{\circ}$

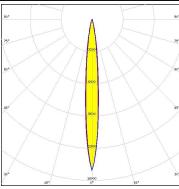
Efficiency 89 %

15.1 cd/lm

LEDs/each optic

1 White

Light colour
Required components:



OSRAM Opto Semiconductors

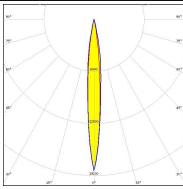
LED PLPVEC2 850A

FWHM / FWTM 10.0° / 23.0°

Efficiency 93 %

LEDs/each optic 1
Light colour IR

Required components:



OSRAM

LED

SFH 4232A

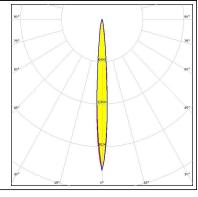
FWHM / FWTM 8.0° / 19.0°

Efficiency 94 %

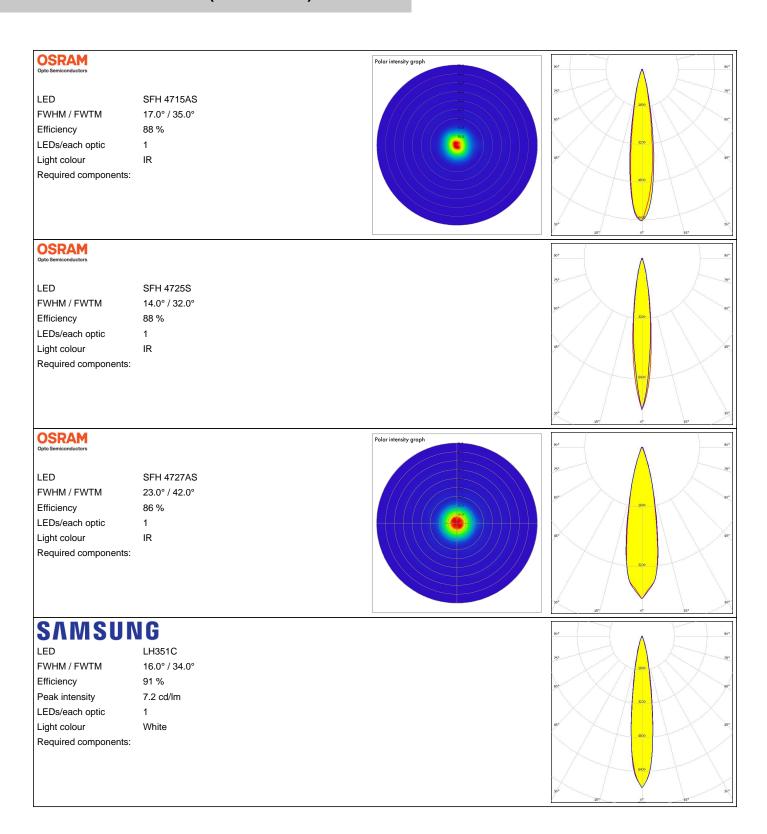
LEDs/each optic 1

Light colour IR

Required components:









PRODUCT DATASHEET CA11847_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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