

TINA-RS

~13° spot beam optimized for Osram Golden Dragon+. Assembly with holder and installation tape.

SPECIFICATION:

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



MATERIALS:

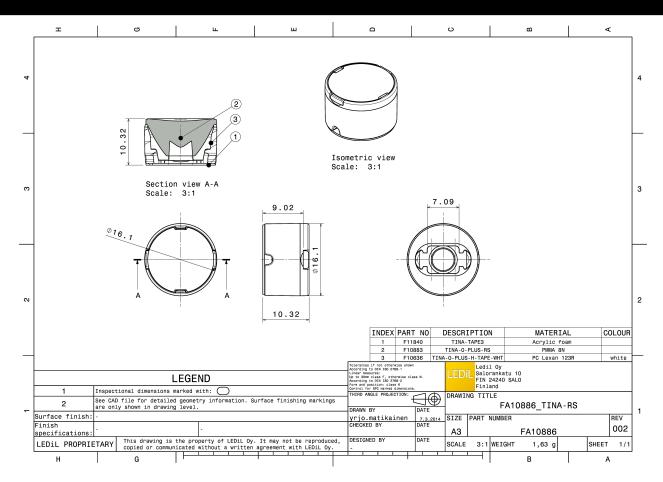
Component	Туре	Material	Colour	Finish
TINA-O-PLUS-RS	Single lens	PMMA	clear	
TINA-O-PLUS-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10886_TINA-RS	Single lens	2016	288	144	4.1
» Box size:					



PRODUCT DATASHEET FA10886_TINA-RS



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

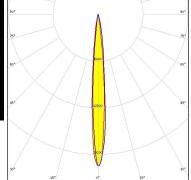


OPTICAL RESULTS (MEASURED):



LED Golden Dragon+
FWHM / FWTM 10.0° / 19.0°
Efficiency 93 %
Peak intensity 20.1 cd/lm
LEDs/each optic 1
Light colour White
Required components





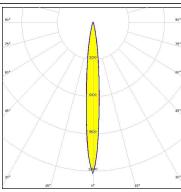


White



LED XP-E2
FWHM / FWTM 10.0° / 25.0°
Efficiency 88 %
Peak intensity 13.1 cd/lm
LEDs/each optic 1

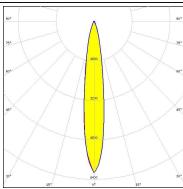
Light colour
Required components:



CREE \$\(\preceq\) LED

LED XP-G3
FWHM / FWTM 16.0° / 36.0°
Efficiency 85 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White

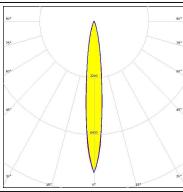
Required components:



CREE + LED

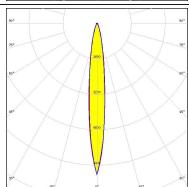
LED XP-L HI
FWHM / FWTM 12.0° / 32.0°
Efficiency 89 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE - LED

LED XT-E
FWHM / FWTM 12.0° / 32.0°
Efficiency 81 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

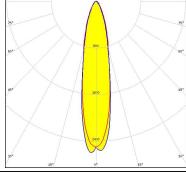






LED LUXEON 5050 Square LES

FWHM / FWTM 22.0° / 56.0°
Efficiency 84 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White

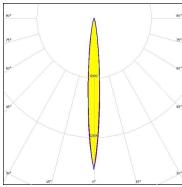


MUMILEDS

Required components:

LED LUXEON CZ
FWHM / FWTM 10.0° / 22.0°
Efficiency 88 %
Peak intensity 16.3 cd/lm
LEDs/each optic 1
Light colour Red

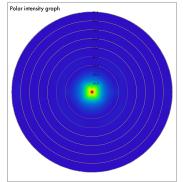
Light colour I Required components:

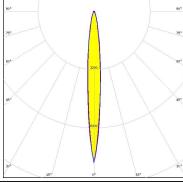


DESCRIPTION LUMILEDS

LED LUXEON IR Domed 150 (L1I0-0xxx150000000)

FWHM / FWTM 10.0° / 28.0°
Efficiency 80 %
LEDs/each optic 1
Light colour IR
Required components:

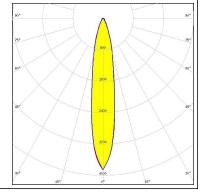




WNICHIA

Required components:

LED NV4WB35AM
FWHM / FWTM 18.0° / 46.0°
Efficiency 85 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White





White

WNICHIA

 LED
 NV4WB35AM

 FWHM / FWTM
 18.0° / 45.0°

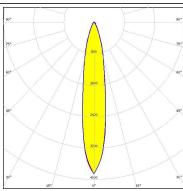
 Efficiency
 85 %

 Peak intensity
 3.9 cd/lm

 LEDs/each optic
 1

Required components:

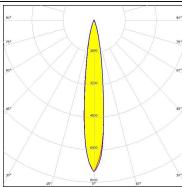
Light colour



WNICHIA

LED NVSW219F
FWHM / FWTM 14.0° / 34.0°
Efficiency 88 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White

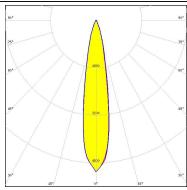
Required components:



WNICHIA

LED NVSW519A
FWHM / FWTM 19.0° / 40.0°
Efficiency 85 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White

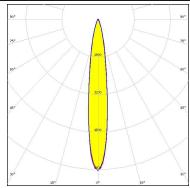
Required components:



WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM 14.0° / 34.0°
Efficiency 84 %
Peak intensity 6.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:





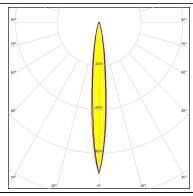


LED OSLON Boost HX (KW CULPM1.TG)

White

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 11.0° / 27.0° Efficiency 88 % Peak intensity 11.1 cd/lm LEDs/each optic

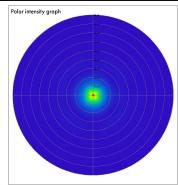
Required components:

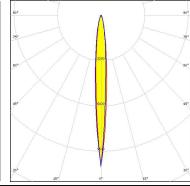


OSRAM Opto Semiconductors

Light colour

LED SFH 4716AS FWHM / FWTM 8.0° / 26.0° Efficiency 83 % LEDs/each optic 1 IR Light colour Required components:



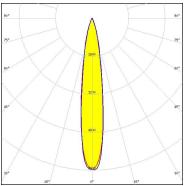


SAMSUNG

LED LH351C FWHM / FWTM 16.0° / 37.0° Efficiency 91 %

Peak intensity 6.4 cd/lm LEDs/each optic 1

Light colour White Required components:





PRODUCT DATASHEET FA10886_TINA-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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