

TINA2-RS

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



TECHNICAL SPECIFICATIONS:

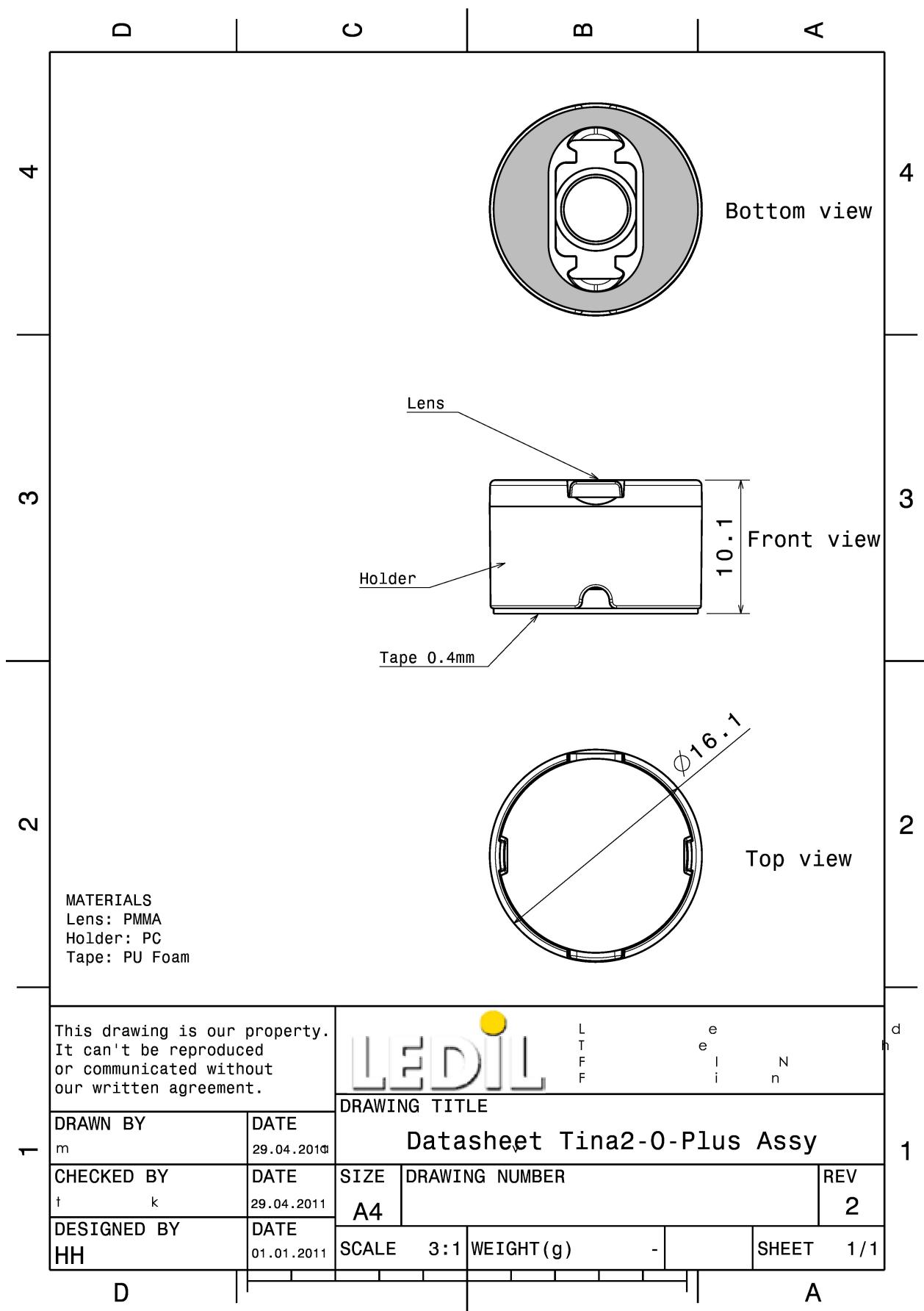
Dimensions	Ø 16.1 mm
Height	10.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-O-PLUS-RS	Single lens	PMMA	clear	
TINA2-O-PLUS-HLD-WHT	Holder	PC	white	
TINA-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

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



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

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Golden Dragon+

FWHM 10.0°

Efficiency 93 %

Peak intensity 18 cd/lm

LEDs/each optic 1

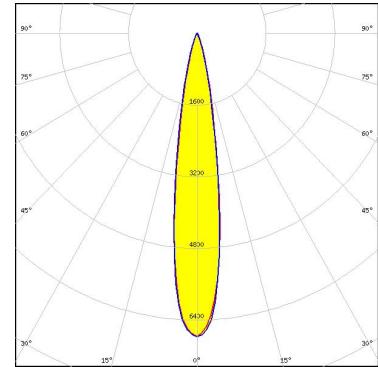
Light colour White

Required components:

PHOTOMETRIC DATA (SIMULATED):

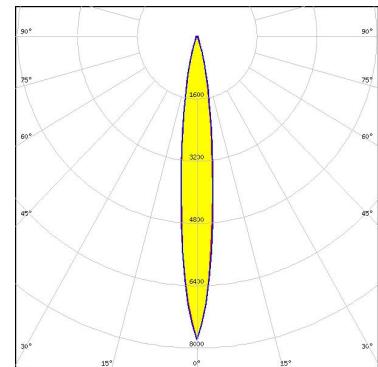
CREE

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



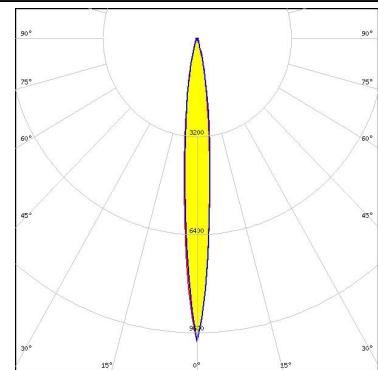
CREE

LED XT-E
 FWHM 13.0°
 Efficiency 82 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



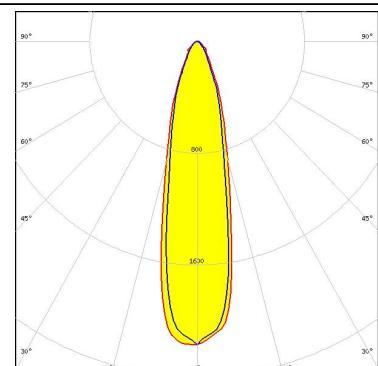
LUMILEDS

LED LUXEON IR Domed 150
 FWHM 10.0°
 Efficiency 81 %
 LEDs/each optic 1
 Light colour IR
 Required components:



OSRAM

Opto Semiconductors
 LED Duris S8
 FWHM 25.0°
 Efficiency 85 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED PLPVEC2 850A

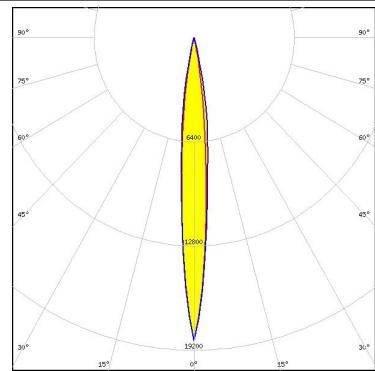
FWHM 10.0°

Efficiency 93 %

LEDs/each optic 1

Light colour IR

Required components:



OSRAM

Opto Semiconductors

LED SFH 4232A

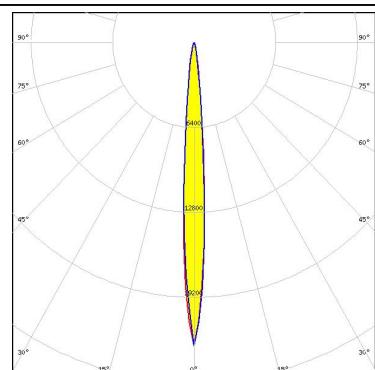
FWHM 8.0°

Efficiency 94 %

LEDs/each optic 1

Light colour IR

Required components:



OSRAM

Opto Semiconductors

LED SFH 4715AS

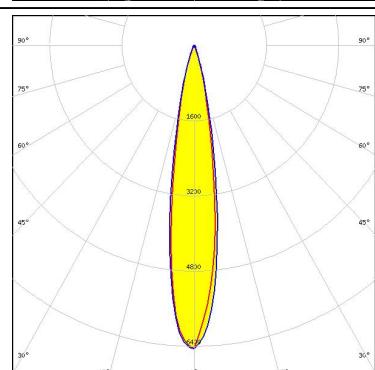
FWHM 17.0°

Efficiency 88 %

LEDs/each optic 1

Light colour IR

Required components:



OSRAM

Opto Semiconductors

LED SFH 4725S

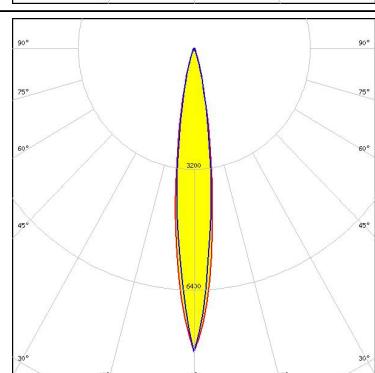
FWHM 14.0°

Efficiency 88 %

LEDs/each optic 1

Light colour IR

Required components:



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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