

TINA-D

~16° diffused spot beam optimized for Osram Golden Dragon+. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10.3 mm
Fastening	tape
ROHS compliant	yes 🕕



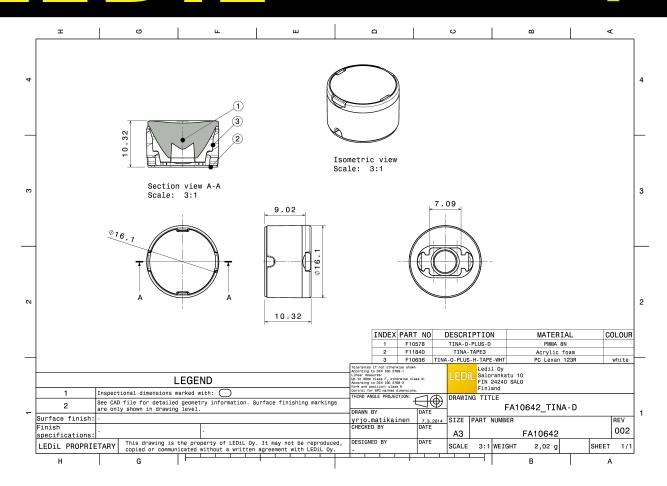
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
TINA-O-PLUS-D	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)
FA10642_TINA-D	Single lens	2016	288	144	4.0
» Box size:					

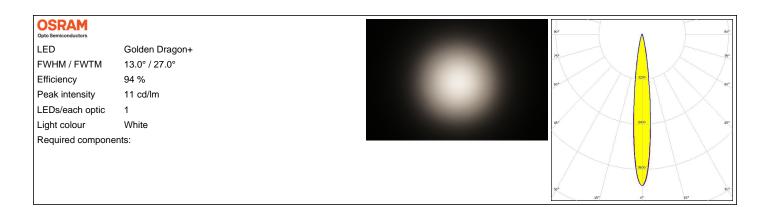
PRODUCT DATASHEET FA10642_TINA-D



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



PHOTOMETRIC DATA (MEASURED):



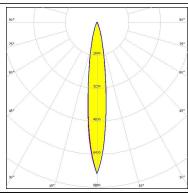


PHOTOMETRIC DATA (SIMULATED):

CREE . LED

LED XP-L HI
FWHM / FWTM 14.0° / 34.0°
Efficiency 88 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

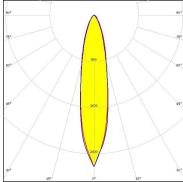


MUMILEDS

LED LUXEON 5050 Square LES

FWHM / FWTM 22.0° / 56.0°
Efficiency 83 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White

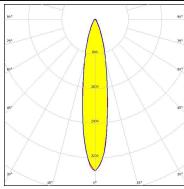
Required components:



WNICHIA

LED NV4WB35AM
FWHM / FWTM 20.0° / 47.0°
Efficiency 84 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White

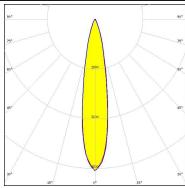
Required components:



WNICHIA

LED NVSW519A
FWHM / FWTM 20.0° / 40.0°
Efficiency 85 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:





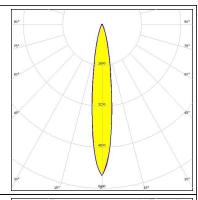
PHOTOMETRIC DATA (SIMULATED):



LED NVSxx19B/NVSxx19C

FWHM / FWTM 16.0° / 36.0° 83 % Efficiency 5.9 cd/lm Peak intensity LEDs/each optic Light colour White

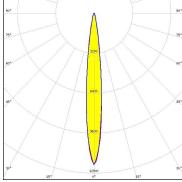
Required components:



OSRAM Opto Semiconductors

LED Golden Dragon FWHM / FWTM 12.0° / 25.0° Efficiency 94 % Peak intensity 12.1 cd/lm LEDs/each optic 1 Light colour White

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:

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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