

TINA-M

~30° medium 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 ⓘ

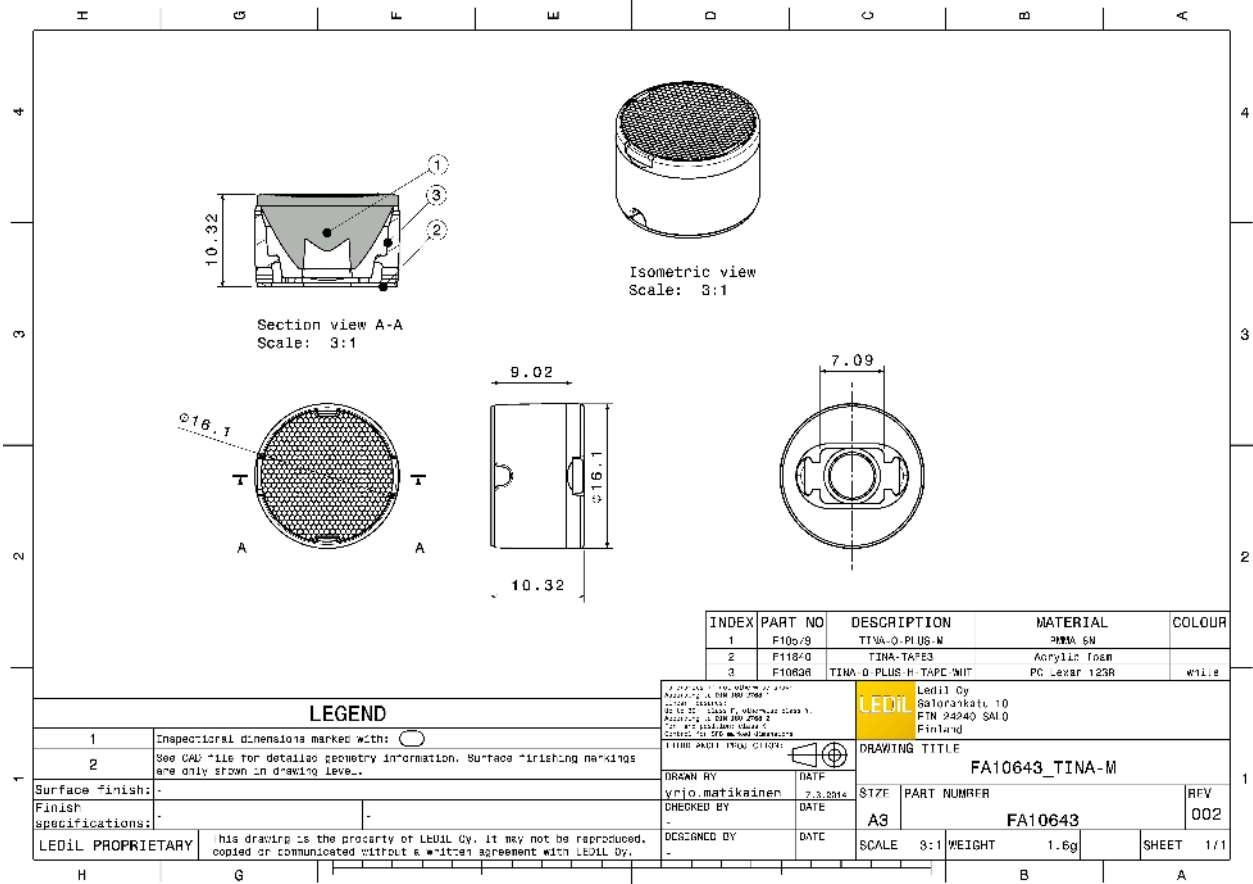


MATERIALS:

Component	Type	Material	Colour	Finish
TINA-O-PLUS-M	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)
FA10643_TINA-M	Single lens	2016	288	144	4.0
» Box size:					




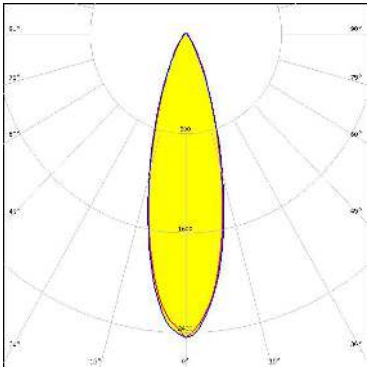

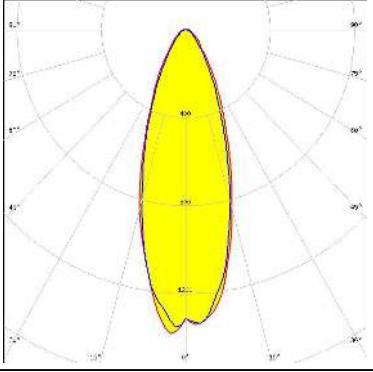

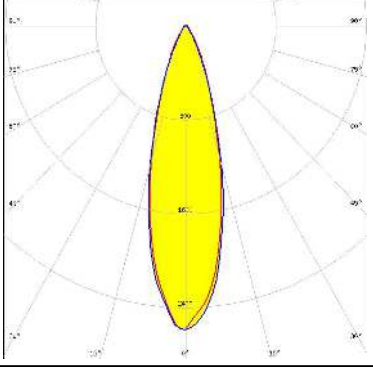

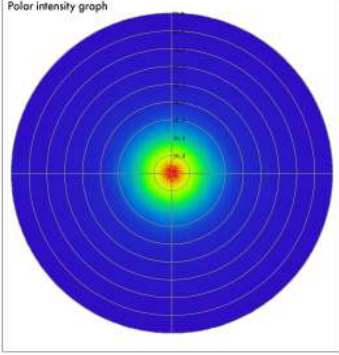
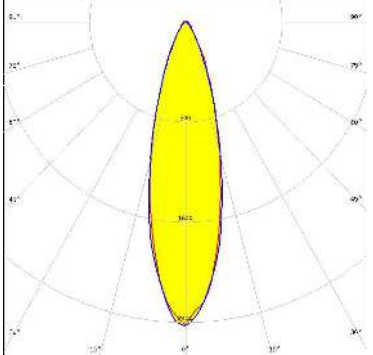
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	Golden Dragon+
FWHM / FWTM	30.0° / 58.0°
Efficiency	92 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

	<p>LED XP-L HI FWHM / FWTM 29.0° / 58.0° Efficiency 88 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED LUXEON 5050 Square LES FWHM / FWTM 35.0° / 76.0° Efficiency 82 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED KW CULPM1.TG FWHM / FWTM 28.0° / 57.0° Efficiency 87 % Peak intensity 2.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED SFH 4715AS FWHM / FWTM 28.0° / 58.0° Efficiency 87 % LEDs/each optic 1 Light colour IR Required components:</p>	<p>Polar intensity graph</p> 	

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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