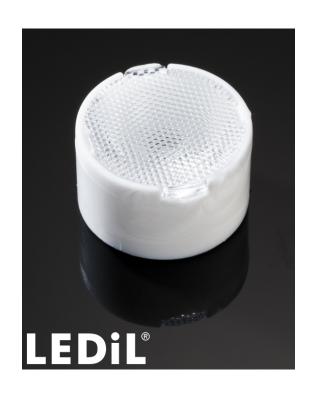


TINA-M

~30° medium beam optimized for CREE XP-E. Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes 🛈



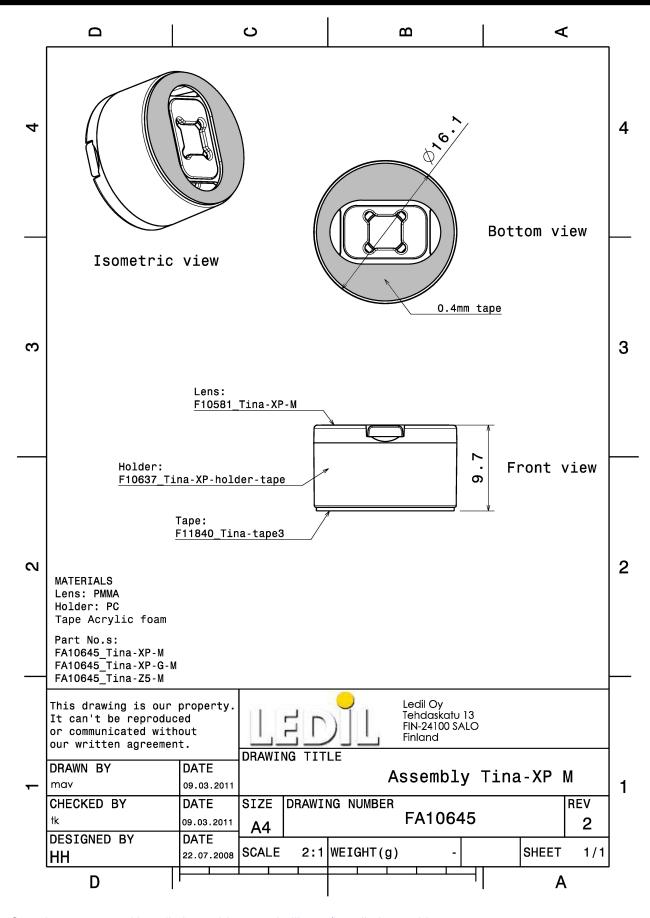
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-M	Single lens	PMMA	clear	
TINA-XP-H-TAPE-WHT	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10645_TINA-M	Single lens	2016	288	144	4.1
» Box size: 470 x 240 x 105 mm					





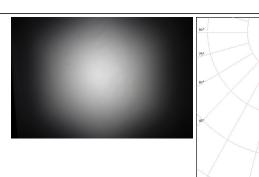
See also our general installation guide: www.ledil.com/installation_guide



PHOTOMETRIC DATA (MEASURED):

CREE . LED

LED XP-E
FWHM / FWTM 27.0° / 56.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

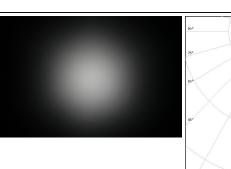


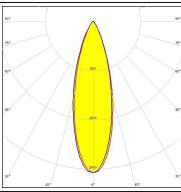
CREE - LED

LED XP-G
FWHM / FWTM 30.0° / 59.0°
Efficiency 90 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE - LED

LED XP-G2
FWHM / FWTM 31.0° / 60.0°
Efficiency 87 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

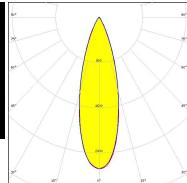




CREE - LED

LED XT-E
FWHM / FWTM 31.0° / 60.0°
Efficiency 88 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

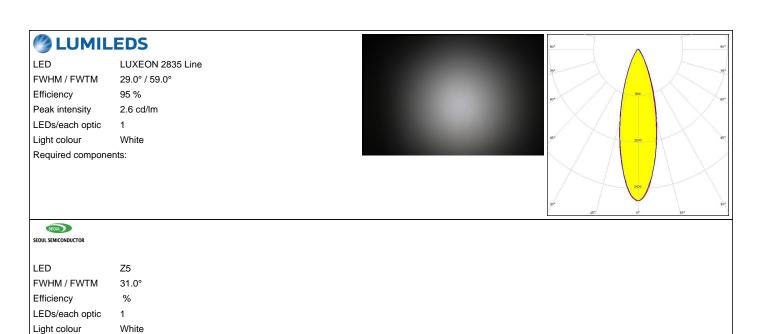






PHOTOMETRIC DATA (MEASURED):

Required components:





PHOTOMETRIC DATA (SIMULATED):

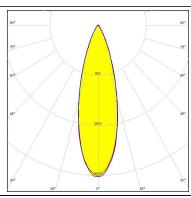


LED XP-G3 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 30.0° / 58.0°

Efficiency 85 % Peak intensity 2.4 cd/lm

LEDs/each optic Light colour White

Required components:

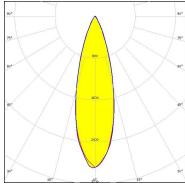


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 30.0° / 55.0° Efficiency 94 % Peak intensity 2.9 cd/lm LEDs/each optic 1 White Light colour

Required components:

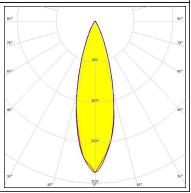


OSRAM Opto Semiconductors

LED OSLON Square EC $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 29.0° / 54.0° Efficiency 94 % Peak intensity 3 cd/lm LEDs/each optic 1

White

Light colour Required components:





PRODUCT DATASHEET FA10645_TINA-M

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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