

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 ⓘ

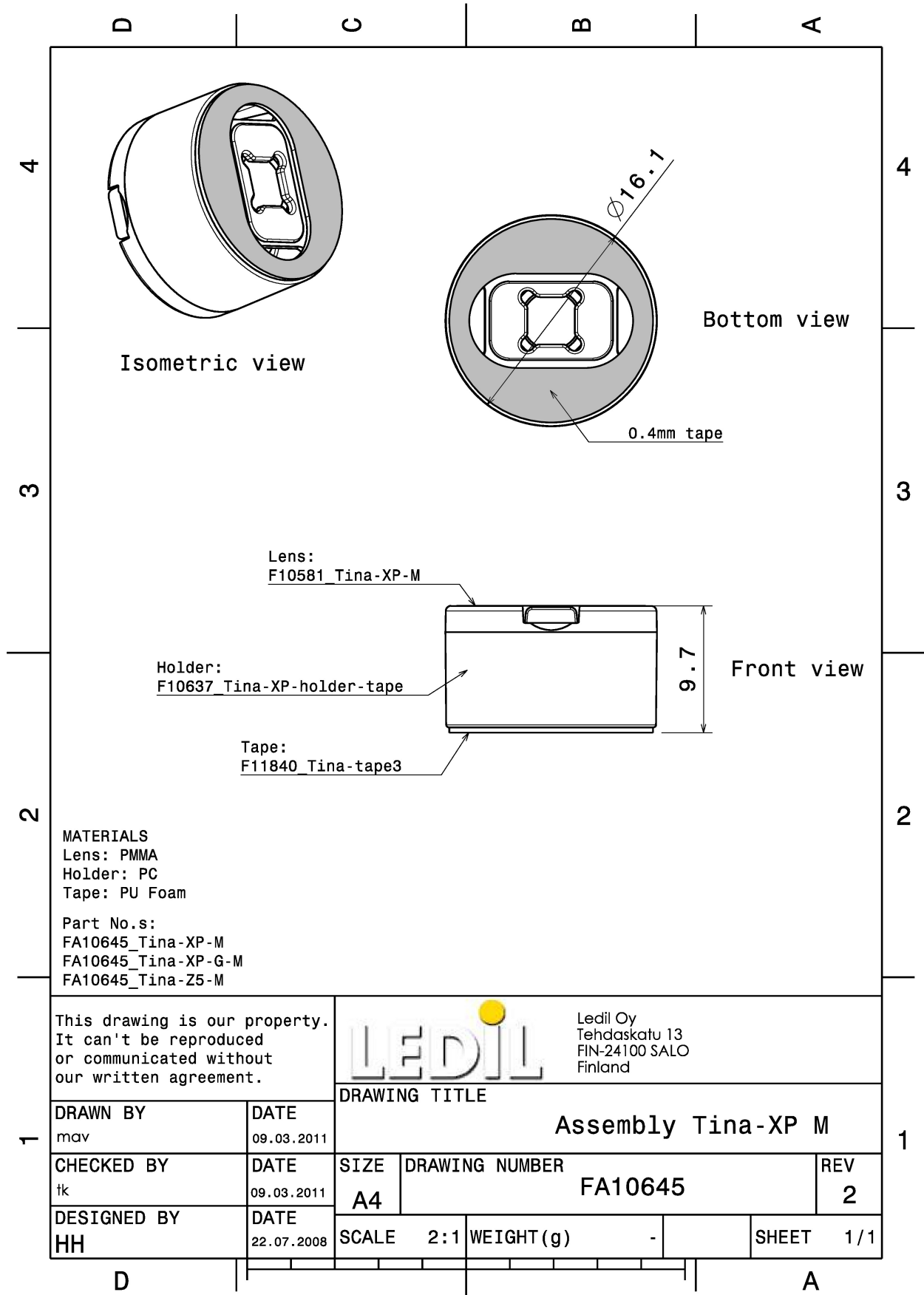
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-M	Single lens	PMMA		
TINA-XP-H-TAPE-WHT	Holder	PC		
TINA-TAPE3	Tape	PU tape		



ORDERING INFORMATION:

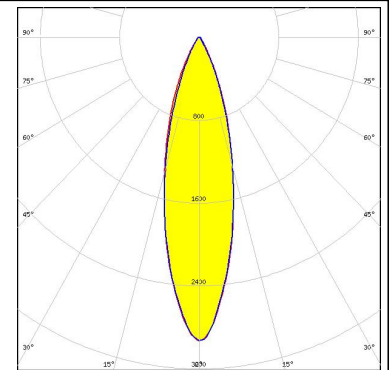
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10645_TINA-M	Single lens	2016	288	144	4.1
» Box size: 470 x 240 x 105 mm					



PHOTOMETRIC DATA (MEASURED):

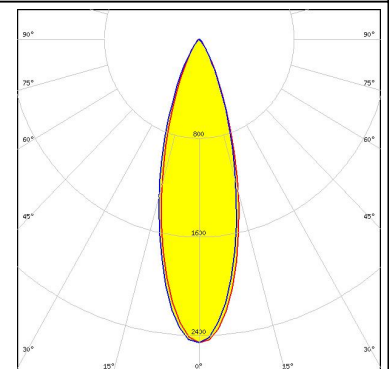
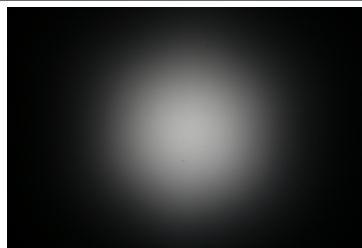
CREE

LED XP-E
 FWHM 27.0°
 Efficiency 94 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



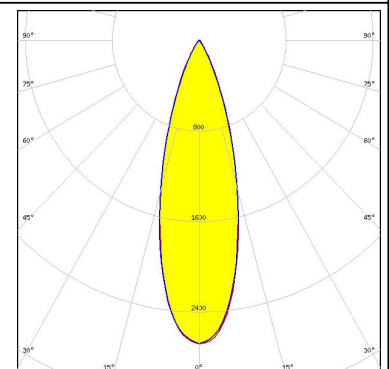
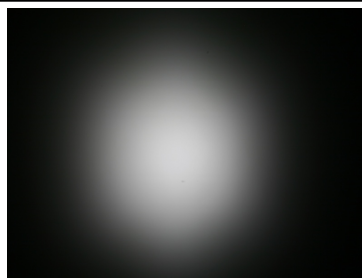
CREE

LED XP-G
 FWHM 30.0°
 Efficiency 90 %
 Peak intensity 2.230 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE


LED XP-G2
 FWHM 31.0°
 Efficiency 87 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

LED XT-E
 FWHM 31.0°
 Efficiency 88 %
 Peak intensity 2.180 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

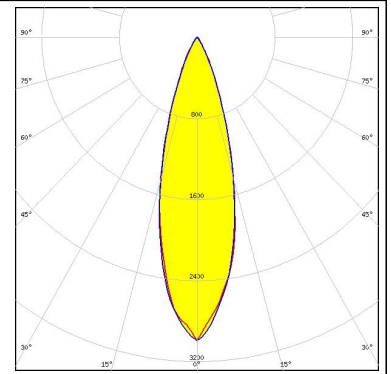
PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	31.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM	29.0°
Efficiency	94 %
Peak intensity	3.000 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:

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