

TINA-M

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

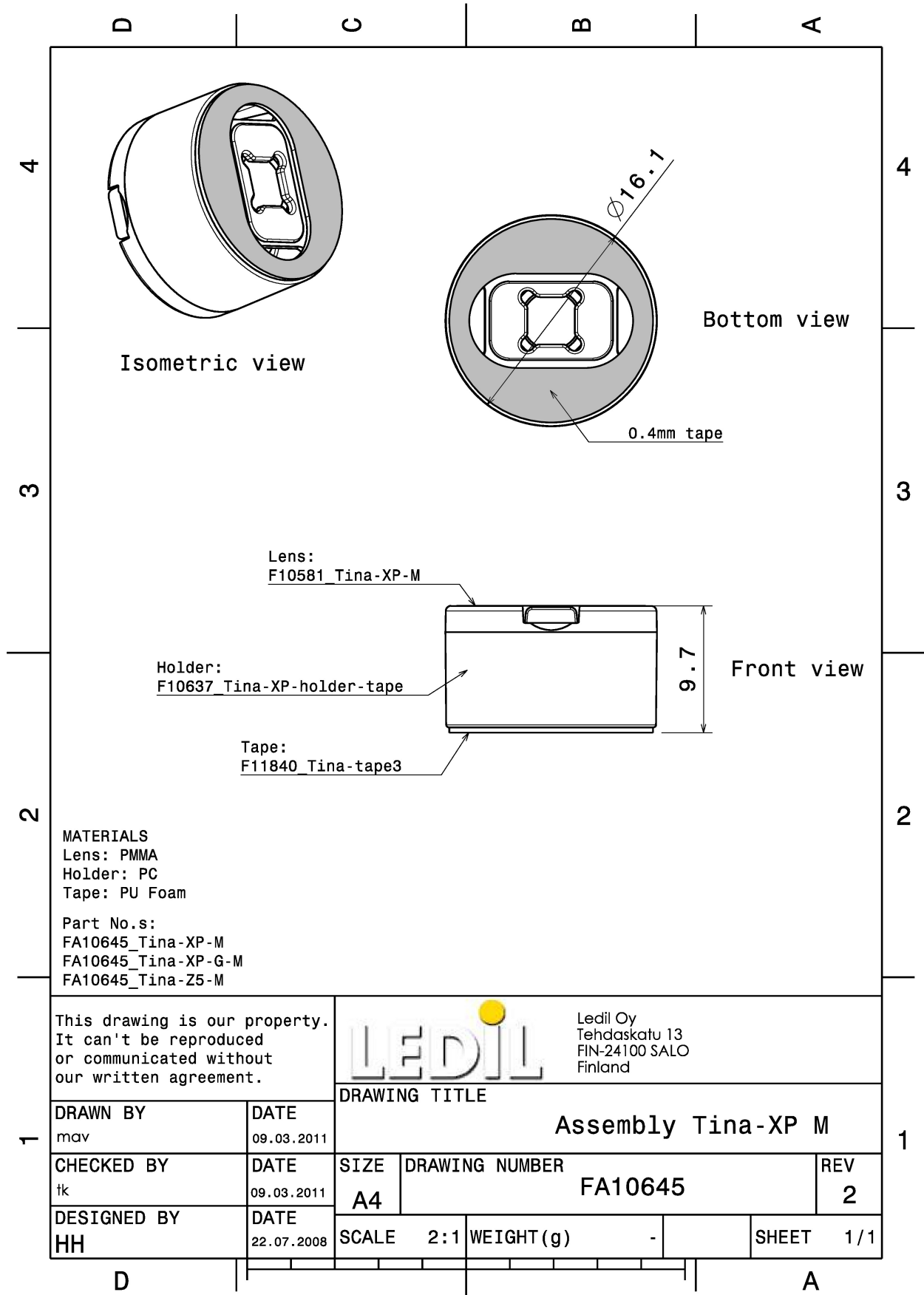
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	4.1 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-M	Lens	PMMA	clear
TINA-XP-H-TAPE-WHT	Holder	PC	white
TINA-TAPE3	Tape	PU tape	black



PHOTOMETRIC DATA (MEASURED):

CREE

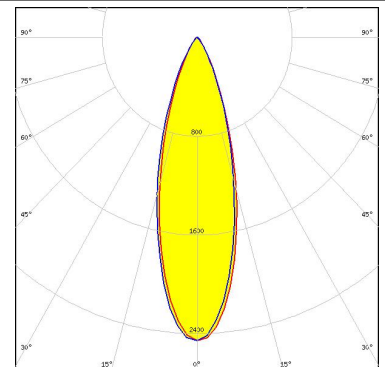
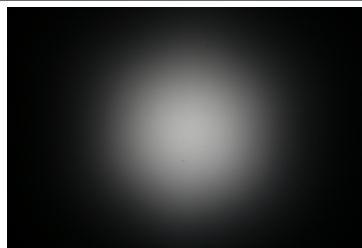
LED XP-E
FWHM 30.0°
Efficiency 91 %
Peak intensity 2.440 cd/lm
Required components:

CREE

LED XP-G
FWHM 30.0°
Efficiency 90 %
Peak intensity 2.230 cd/lm
Required components:

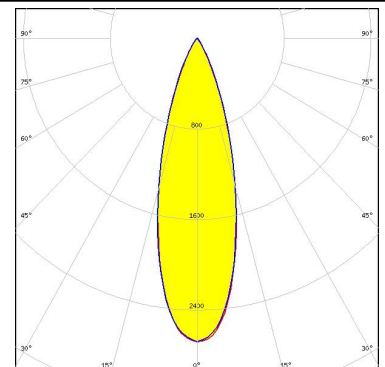
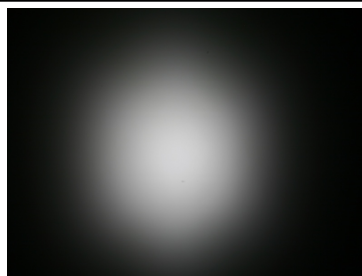
CREE

LED XP-G2
FWHM 31.0°
Efficiency 87 %
Peak intensity 2.500 cd/lm
Required components:




CREE

LED XT-E
FWHM 31.0°
Efficiency 88 %
Peak intensity 2.180 cd/lm
Required components:



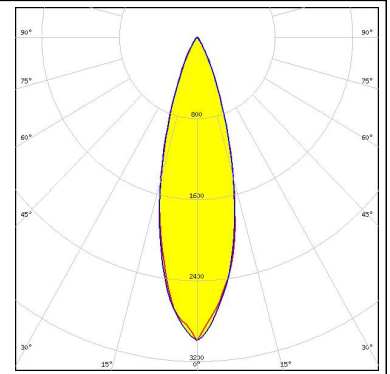
PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	31.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.000 cd/lm
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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