

TINA-W

~50° wide 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 ⓘ

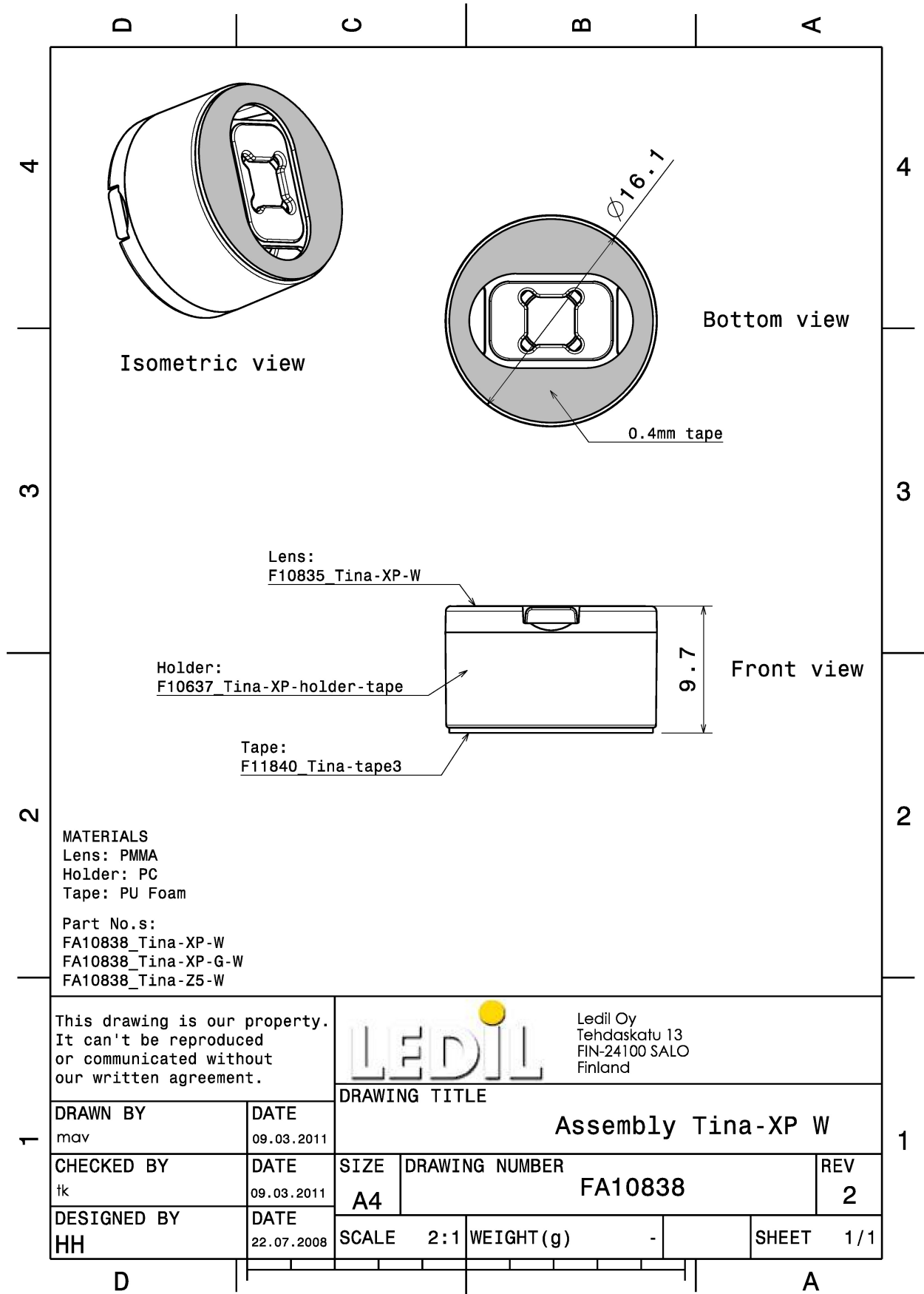
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

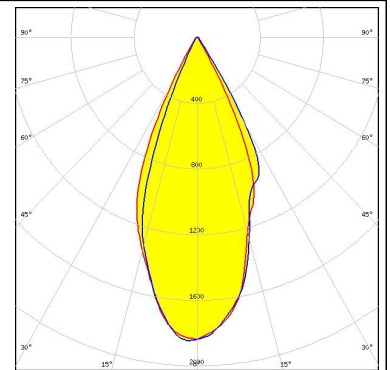
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10838_TINA-W	Single lens	2016	288	144	4.0
» Box size: 470 x 240 x 105 mm					



PHOTOMETRIC DATA (MEASURED):

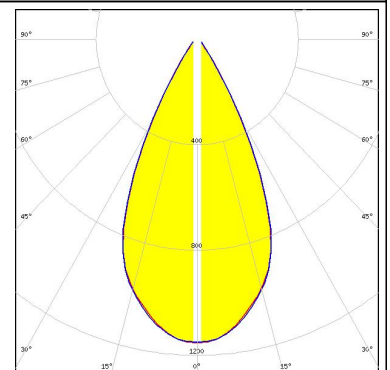
CREE 

LED XP-E
 FWHM 46.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



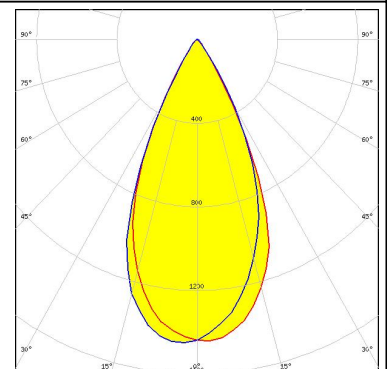
CREE 

LED XP-G
 FWHM 51.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



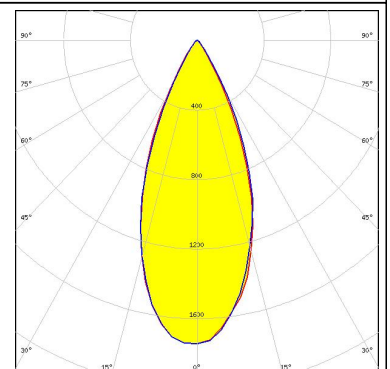
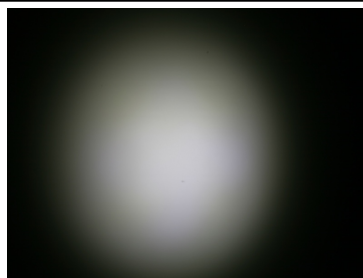
CREE 

LED XP-G2
 FWHM 50.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




CREE 

LED XT-E
 FWHM 39.0°
 Efficiency 95 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	44.0°
Efficiency	%
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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