

TINA-W

~50° wide beam optimized for CREE XP-E.
Assembly with holder and installation tape.

SPECIFICATION:

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

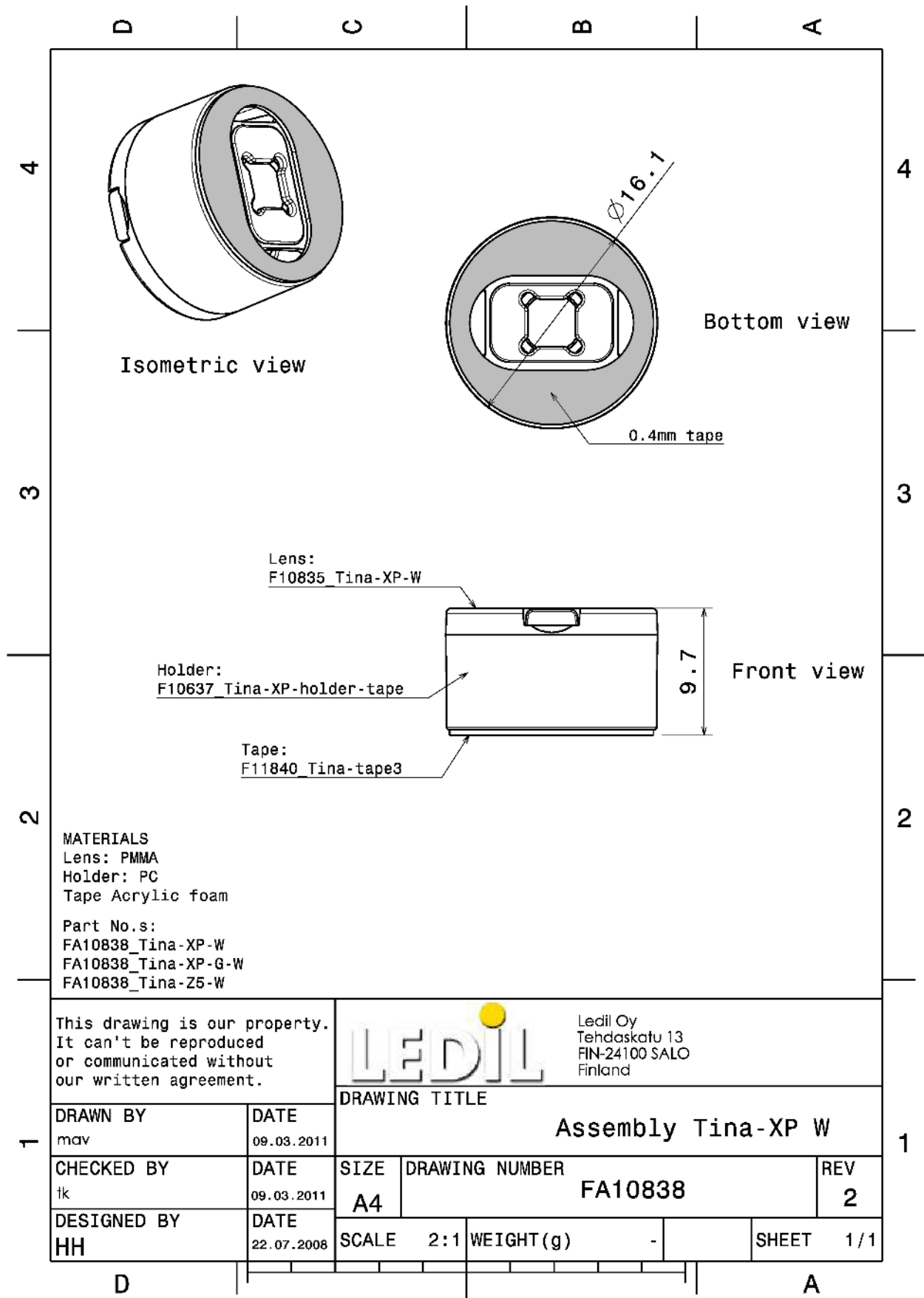


MATERIALS:

Component	Type	Material	Colour	Finish
TINA-XP-W	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)
FA10838_TINA-W	Single lens	2016	288	144	4.0
» Box size: 470 x 240 x 105 mm					

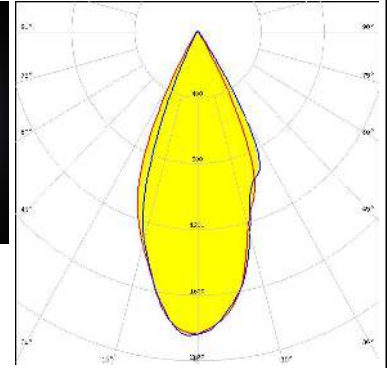


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

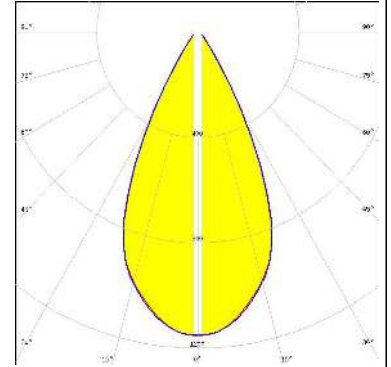
CREE → LED

LED XP-E
 FWHM / FWTM 46.0° / 62.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



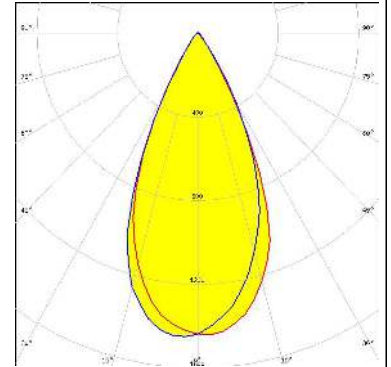
CREE → LED

LED XP-G
 FWHM / FWTM 51.0° / 74.0°
 Efficiency 92 %
 Peak intensity 1.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



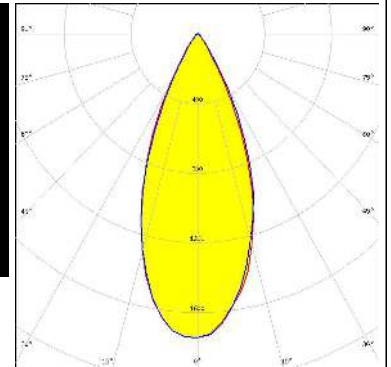
CREE → LED

LED XP-G2
 FWHM / FWTM 50.0° / 70.0°
 Efficiency 93 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:




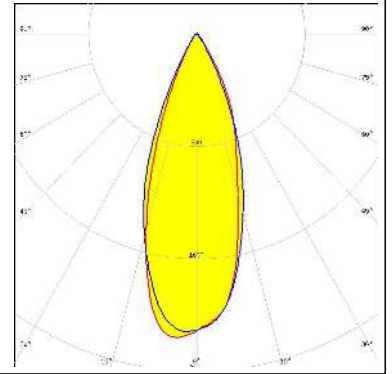
CREE → LED

LED XT-E
 FWHM / FWTM 39.0° / 65.0°
 Efficiency 95 %
 Peak intensity 1.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

	
LED	LUXEON 2835 Line
FWHM / FWTM	39.0° / 63.0°
Efficiency	97 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	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:

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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