

## TINA-W

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



### SPECIFICATION:

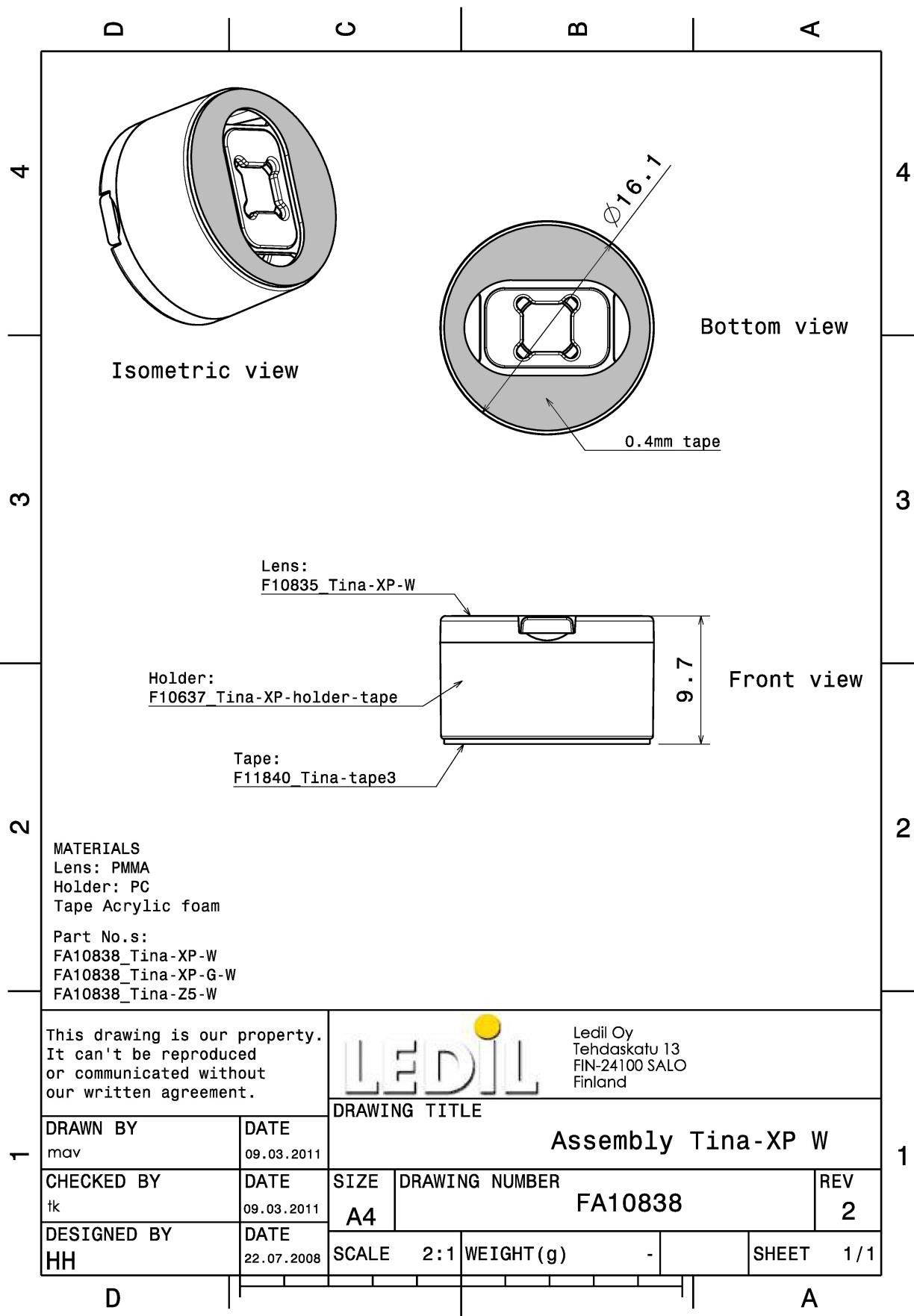
Dimensions	Ø 16.1
Height	9.7 mm
Fastening	tape
ROHS compliant	yes 

### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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 » Box size: 470 x 240 x 105 mm	2016	288	144	4.0

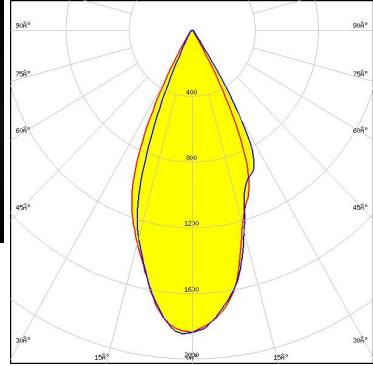
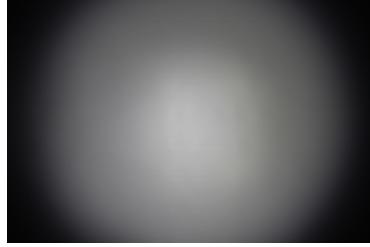


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



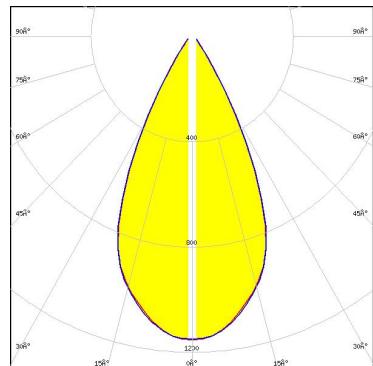
LED XP-E  
 FWHM / FWTM 46.0° / 62.0°  
 Efficiency 94 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



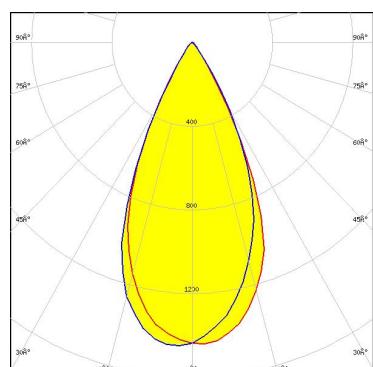
LED XP-G  
 FWHM / FWTM 51.0° / 74.0°  
 Efficiency 92 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

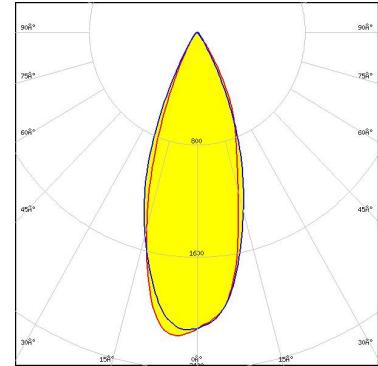


Light distribution files

## 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/type White  
Required components:

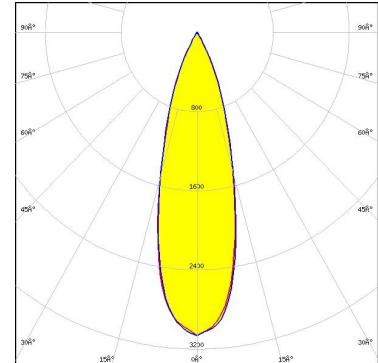


Light distribution files

## OPTICAL RESULTS (SIMULATED):



LED NVSxE21A  
FWHM / FWTM 30.0° / 54.0°  
Efficiency 94 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Z5  
FWHM / FWTM 44.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

## 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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