

## TINA-W

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

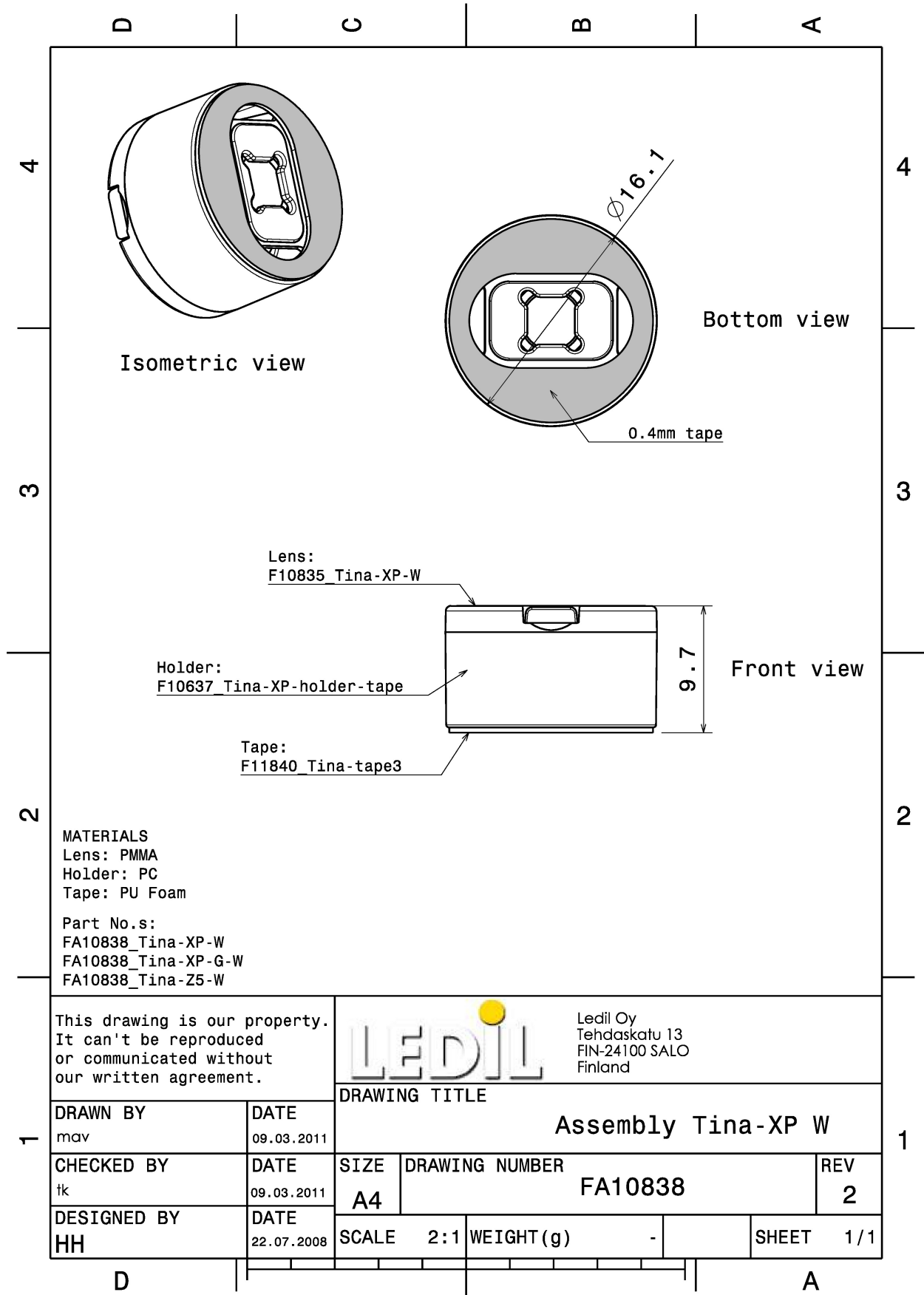
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	white
Box size	470 x 240 x 105 mm
Box weight	4 kg
Quantity in Box	2016 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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



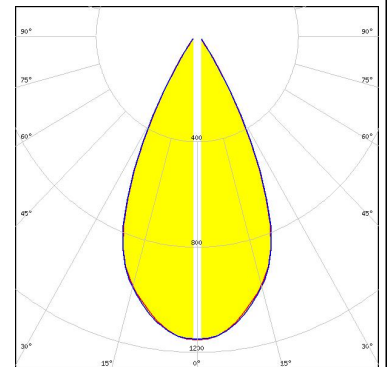
**PHOTOMETRIC DATA (MEASURED):**

**CREE** 

LED XP-E  
FWHM 39.0°  
Efficiency 92 %  
Peak intensity 1.730 cd/lm  
Required components:

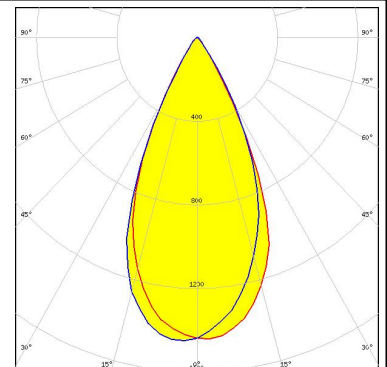
**CREE** 

LED XP-G  
FWHM 51.0°  
Efficiency 92 %  
Peak intensity 1.150 cd/lm  
Required components:



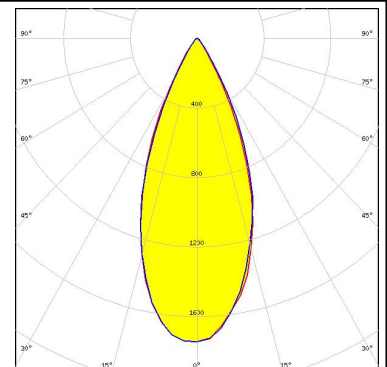
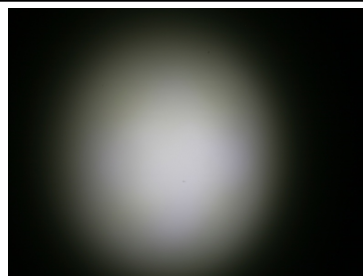
**CREE** 

LED XP-G2  
FWHM 50.0°  
Efficiency 93 %  
Peak intensity 1.500 cd/lm  
Required components:




**CREE** 

LED XT-E  
FWHM 39.0°  
Efficiency 95 %  
Peak intensity 1.840 cd/lm  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	44.0°
Efficiency	%
Peak intensity	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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