

## TINA-W

~50° wide beam. Assembly with holder, installation tape and location pins.

## SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

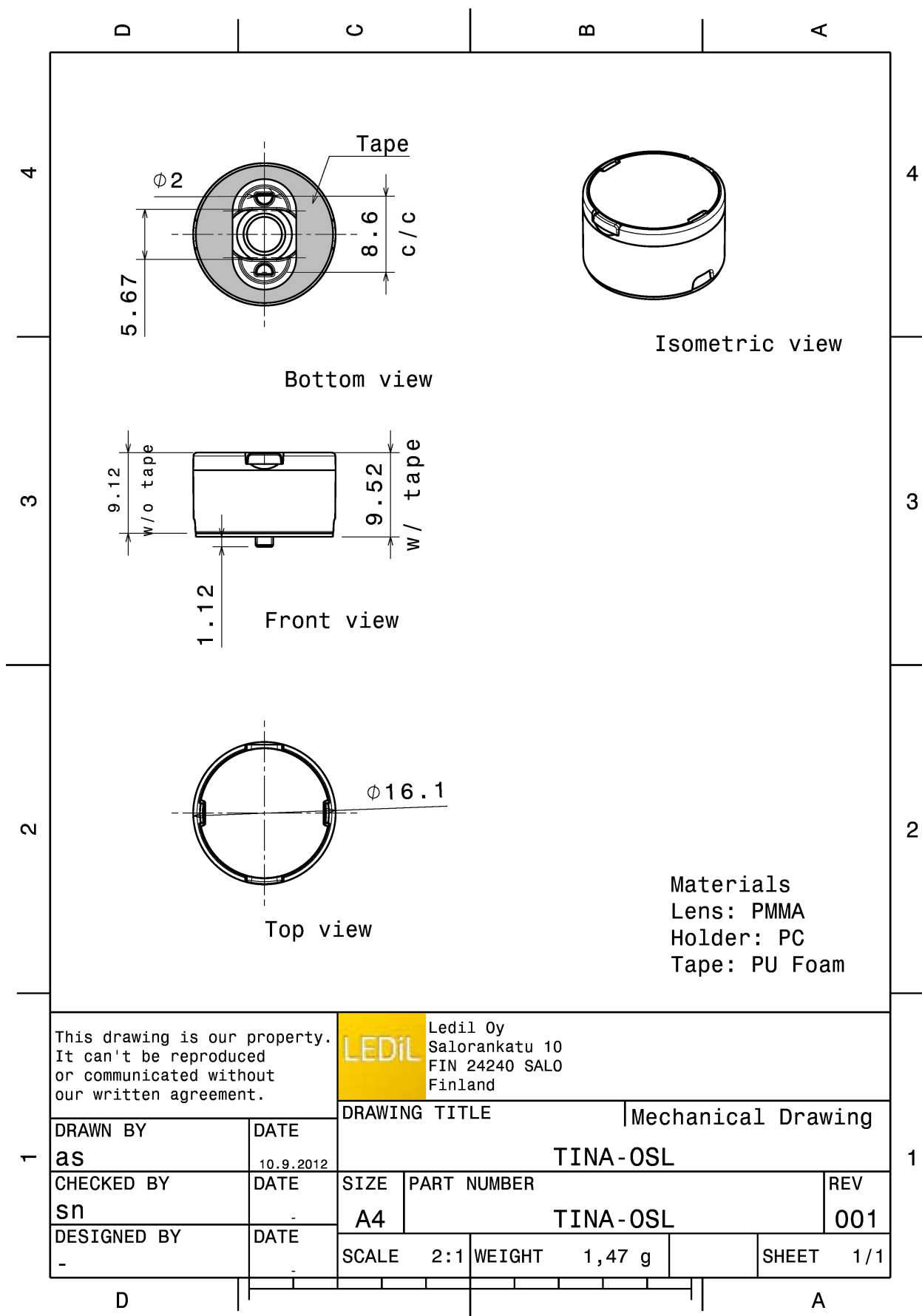
## MATERIALS:

Component	Type	Material	Colour	Finish
TINA-XP-W	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	



## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11207_TINA-W	Single lens	2016	288	144	4.0
» Box size:					

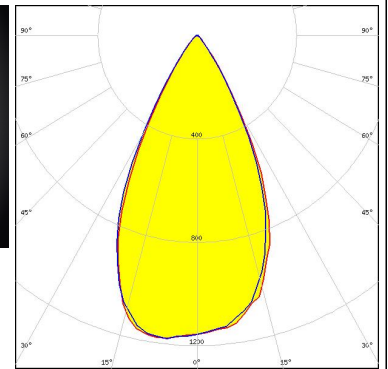
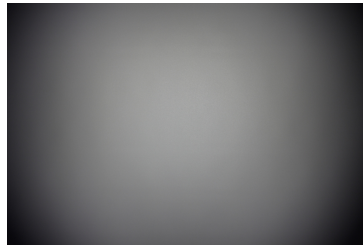


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

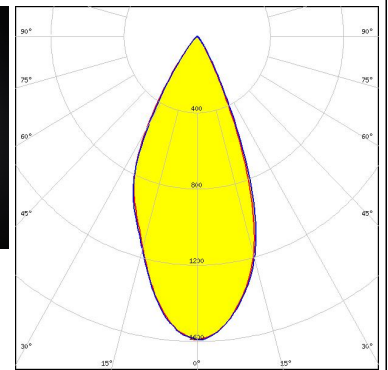
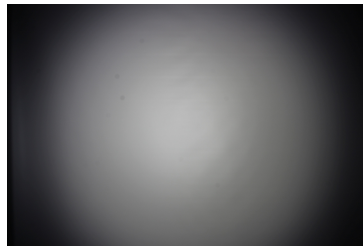
#### OPTICAL RESULTS (MEASURED):



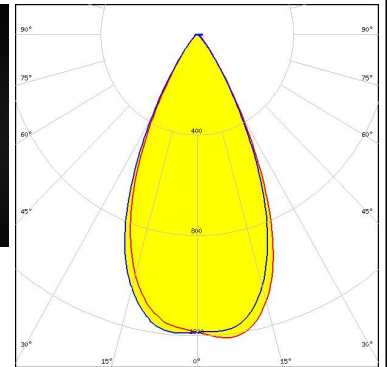
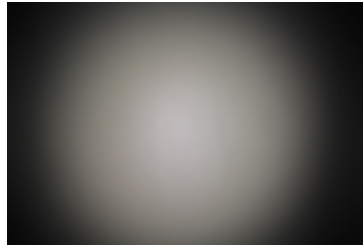
LED XB-H  
FWHM / FWTM 53.0° / 76.0°  
Efficiency 87 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



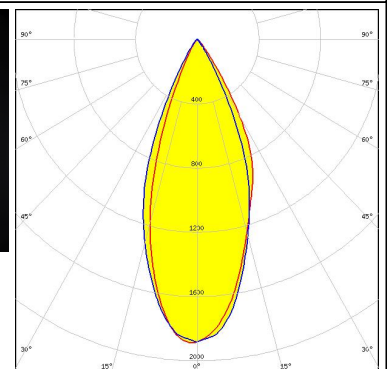
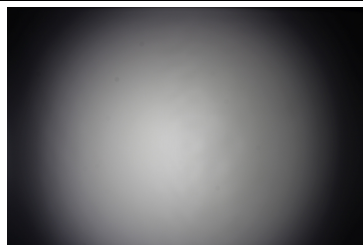
LED XP-E  
FWHM / FWTM 46.0° / 68.0°  
Efficiency 90 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW3x9A  
FWHM / FWTM 50.0° / 74.0°  
Efficiency 85 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM SSL 150  
FWHM / FWTM 41.0° / 64.0°  
Efficiency 90 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

LED SFH 4715S  
FWHM / FWTM 32.0° / 56.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

#### OSRAM

Opto Semiconductors

LED SFH 4725S  
FWHM / FWTM 34.0° / 60.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

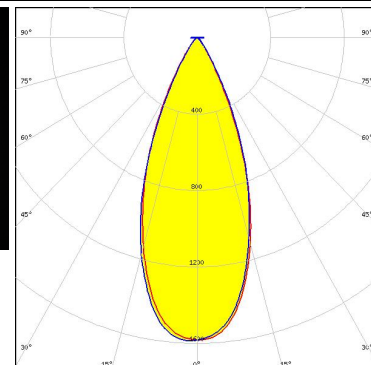
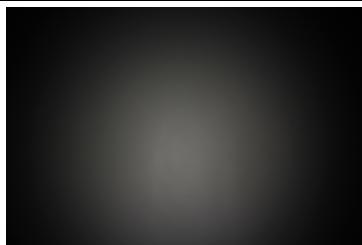
#### SAMSUNG

LED LH351A  
FWHM / FWTM 54.0° / 70.0°  
Efficiency 91 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

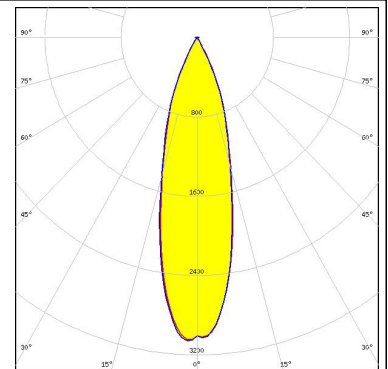
LED Z8Y22P  
FWHM / FWTM 41.0° / 66.0°  
Efficiency 83 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



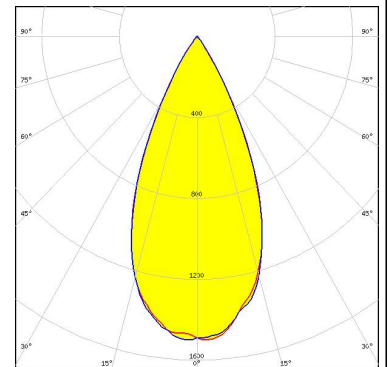
### OPTICAL RESULTS (SIMULATED):



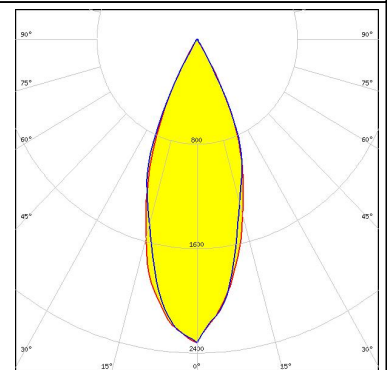
LED NCSxE17A  
FWHM / FWTM 28.0° / 55.0°  
Efficiency 90 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 47.0°  
Efficiency 88 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SYNIOS S2222  
FWHM / FWTM 38.0° / 60.0°  
Efficiency 97 %  
Peak intensity 2.3 cd/lm  
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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