

## TINA-SC-D

~16° diffused spot beam

## SPECIFICATION:

Dimensions	Ø 16.2
Height	9.9 mm
Fastening	solder clip
ROHS compliant	yes ⓘ

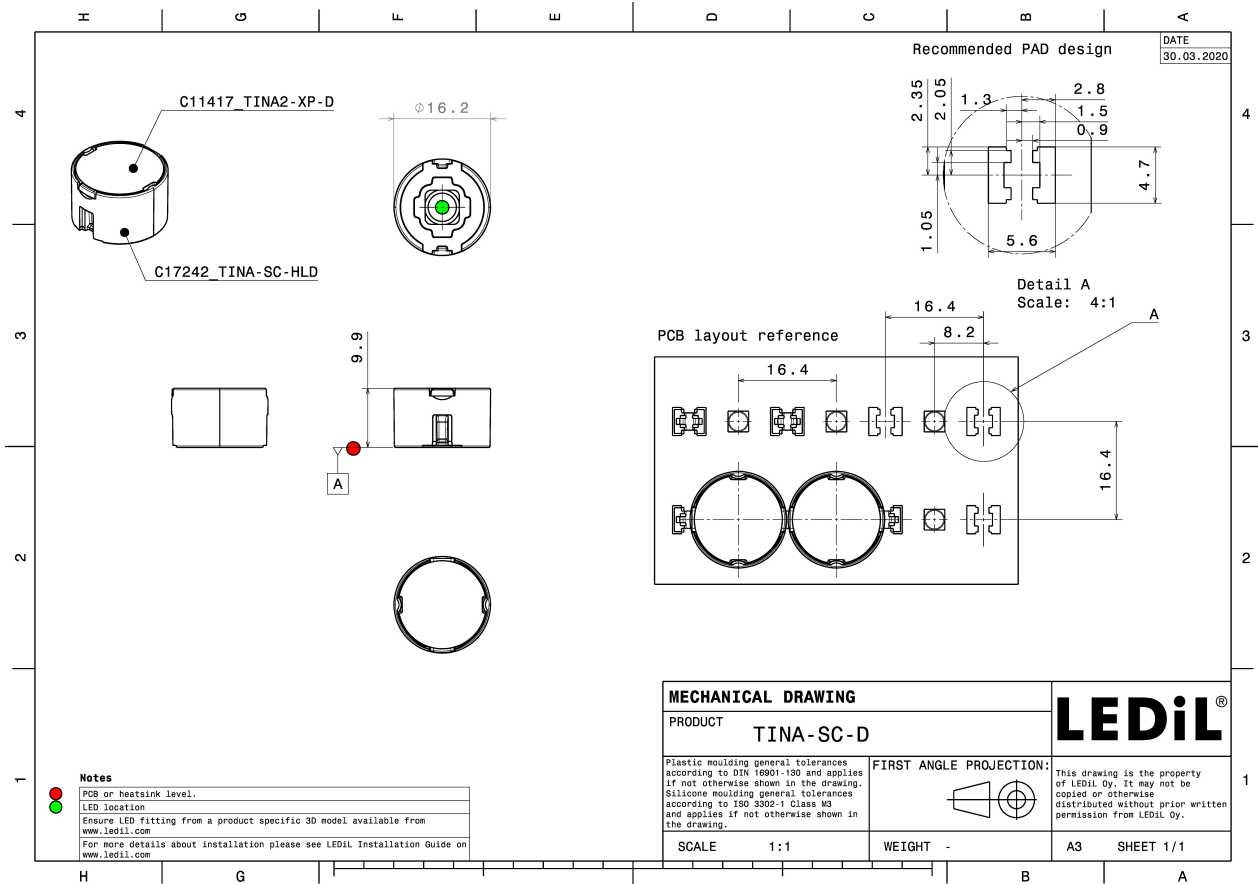
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
TINA2-XP-D	Single lens	PMMA	clear		
TINA-SC-HLD	Holder	PC	black		



## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17593_TINA-SC-D	Single lens	2400	240	240	5.0
» Box size: 300 x 250 x 250 mm					

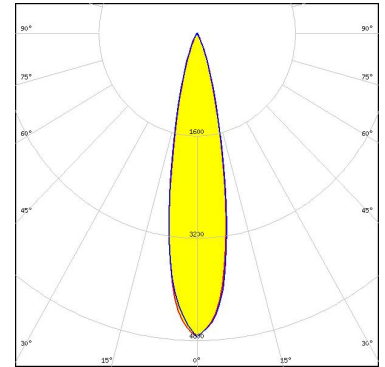


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (SIMULATED):



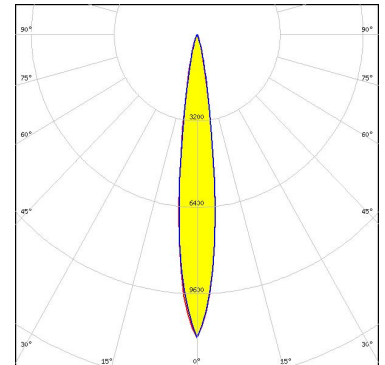
LED CLR6A-TKW  
FWHM / FWTM 21.0° / 41.0°  
Efficiency 91 %  
Peak intensity 4.7 cd/Im  
LEDs/each optic 1  
Light colour/type RGBW  
Required components:



Light distribution files



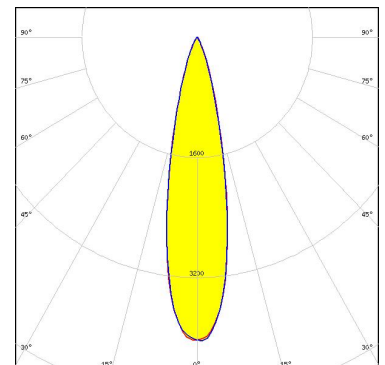
LED XP-L HI  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 91 %  
Peak intensity 11.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-L2  
FWHM / FWTM 22.0° / 44.0°  
Efficiency 86 %  
Peak intensity 4.1 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

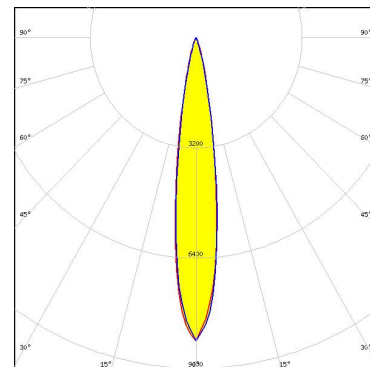


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

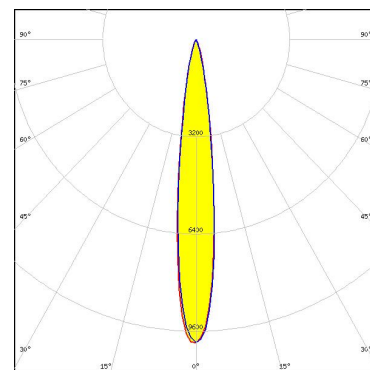
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 16.0° / 30.0°  
Efficiency 89 %  
Peak intensity 8.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 14.0° / 30.0°  
Efficiency 89 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type Far Red  
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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