

## TINA-SC-RS

~14° spot beam

### SPECIFICATION:

Dimensions	Ø 16.2 mm
Height	9.9 mm
Fastening	clips
ROHS compliant	yes ⓘ

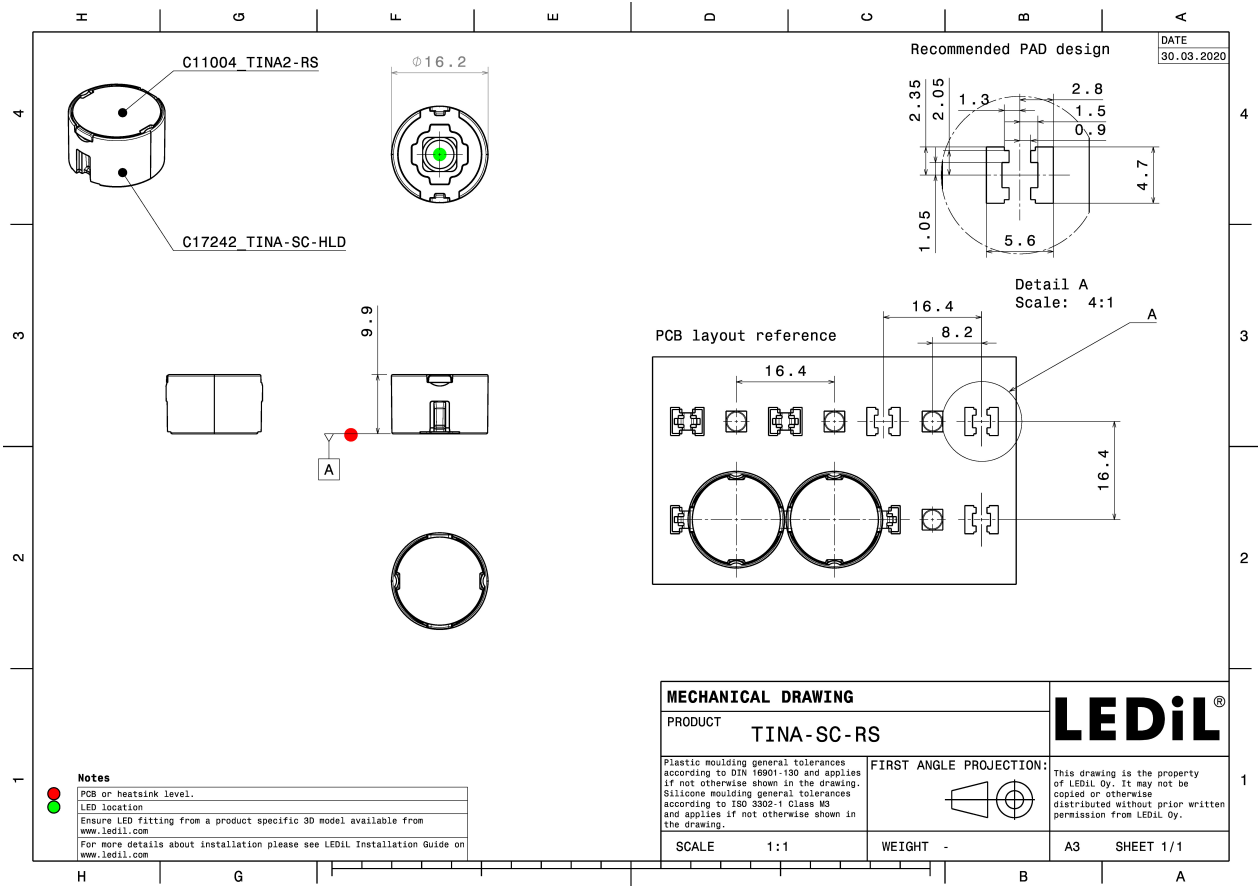
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
TINA2-RS	Single lens	PMMA	clear		16.1
TINA-SC-HLD	Holder	PC	black		16.2

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17594_TINA-SC-RS	Single lens	2400	240	240	5.0
» Box size: 300 x 250 x 250 mm					



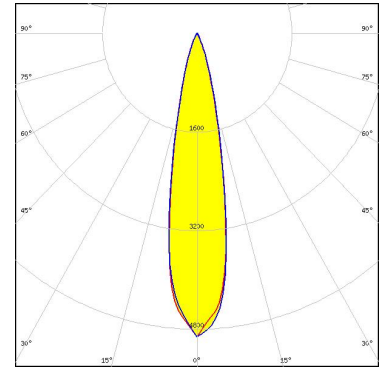


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):



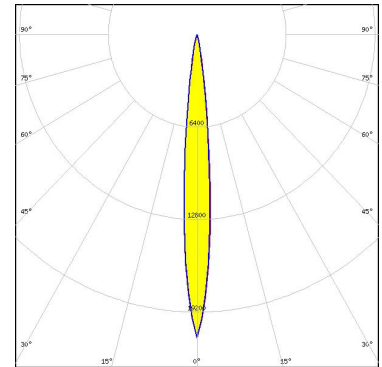
LED CLR6A-TKW  
 FWHM / FWTM 21.0° / 40.0°  
 Efficiency 91 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type RGBW  
 Required components:



Light distribution files



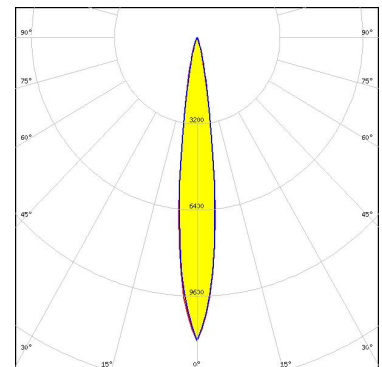
LED XP-E2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 21 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HI  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 91 %  
 Peak intensity 11.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

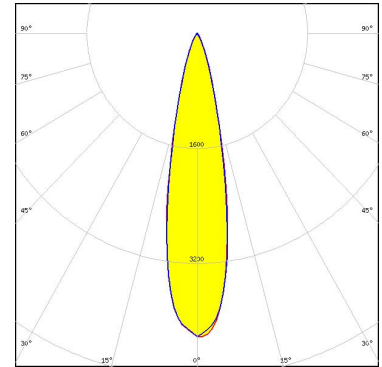


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



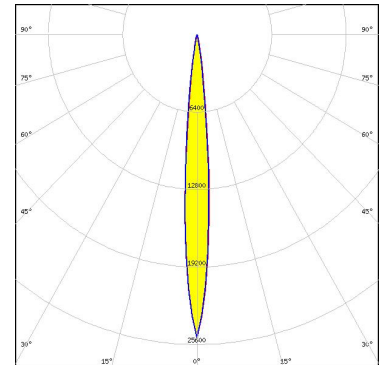
LED XP-L2  
 FWHM / FWTM 22.0° / 42.0°  
 Efficiency 86 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



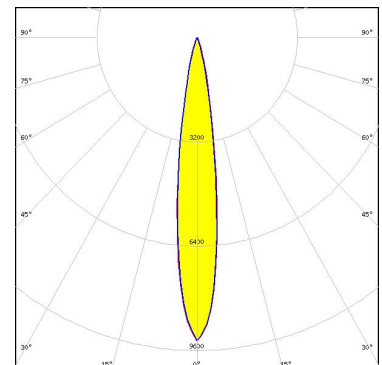
LED XQ-E HI  
 FWHM / FWTM 10.0° / 18.0°  
 Efficiency 89 %  
 Peak intensity 25.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 16.0° / 31.0°  
 Efficiency 89 %  
 Peak intensity 9.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

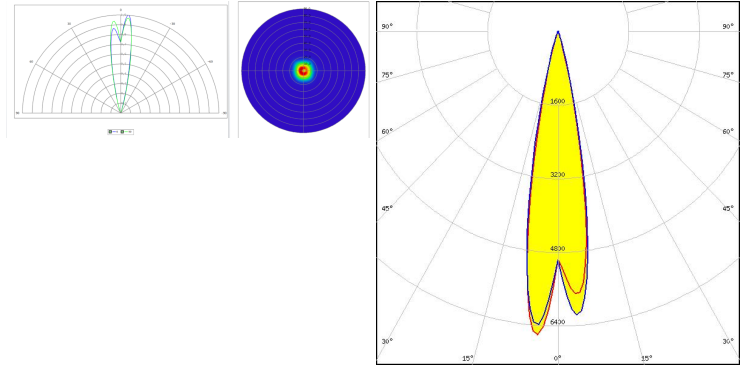


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

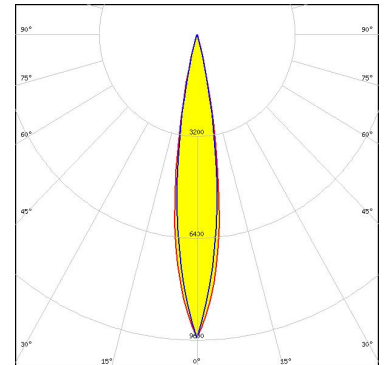
LED SFH 4715AS  
FWHM / FWTM 21.0° / 32.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

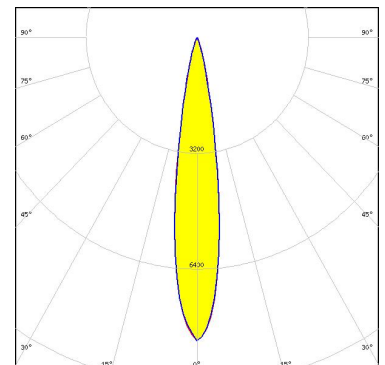
LED SFH 4715S  
FWHM / FWTM 17.0° / 28.0°  
Efficiency 89 %  
Peak intensity 9.5 cd/lm  
LEDs/each optic 1  
Light colour/type IR  
Required components:



Light distribution files


**SAMSUNG**

LED LH351B  
FWHM / FWTM 16.0° / 31.0°  
Efficiency 90 %  
Peak intensity 8.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	16.0° / 36.0°
Efficiency	76 %
Peak intensity	6 cd/lm
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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