

## TINA-SC-RS

~14° spot beam

### SPECIFICATION:

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

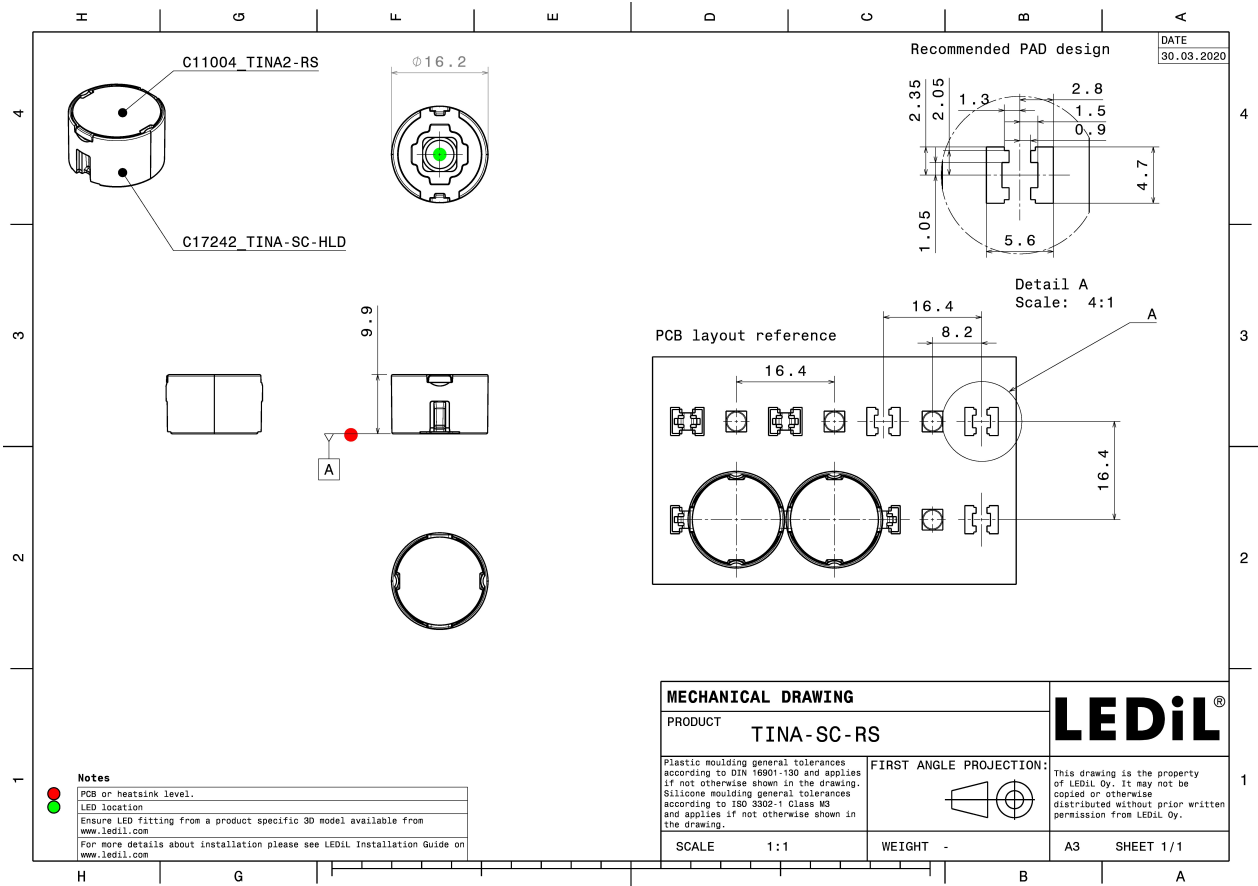
### MATERIALS:

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



### ORDERING INFORMATION:

Component	Type	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					


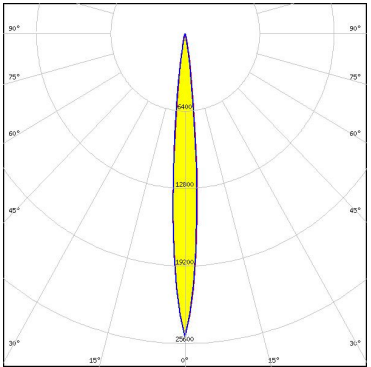

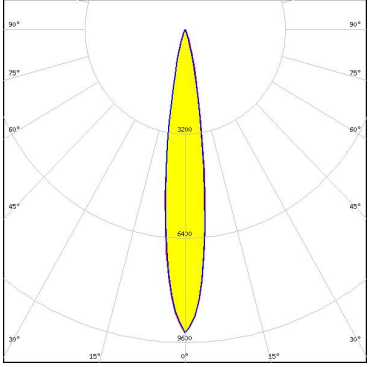

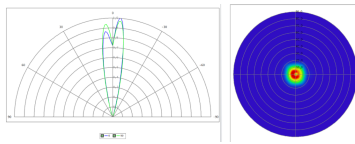
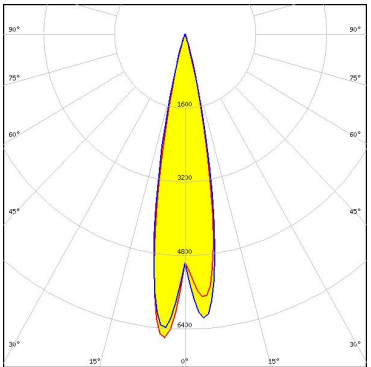

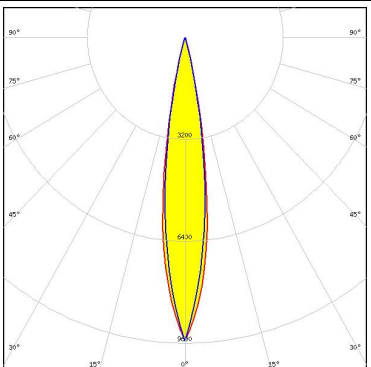


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED: CLR6A-TKW            FWHM / FWTM: 21.0° / 40.0°            Efficiency: 91 %            Peak intensity: 4.9 cd/lm            LEDs/each optic: 1            Light colour: RGBW            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-E2            FWHM / FWTM: 10.0° / 20.0°            Efficiency: 91 %            Peak intensity: 21 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-L HI            FWHM / FWTM: 14.0° / 28.0°            Efficiency: 91 %            Peak intensity: 11.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XP-L2            FWHM / FWTM: 22.0° / 42.0°            Efficiency: 86 %            Peak intensity: 4.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

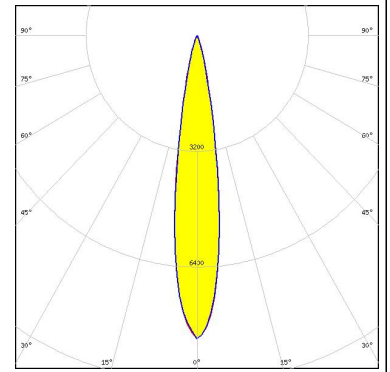
#### OPTICAL RESULTS (SIMULATED):

	<p>LED XQ-E HI            FWHM / FWTM 10.0° / 18.0°            Efficiency 89 %            Peak intensity 25.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
 <p>Opto Semiconductors</p>	<p>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 White            Required components:</p>		
 <p>Opto Semiconductors</p>	<p>LED SFH 4715AS            FWHM / FWTM 21.0° / 32.0°            Efficiency 88 %            LEDs/each optic 1            Light colour IR            Required components:</p>		
 <p>Opto Semiconductors</p>	<p>LED SFH 4715S            FWHM / FWTM 17.0° / 28.0°            Efficiency 89 %            Peak intensity 9.5 cd/lm            LEDs/each optic 1            Light colour IR            Required components:</p>		

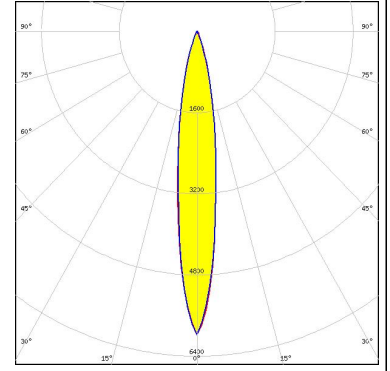
#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

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



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