

## LISA3-S-PIN

~16° spot beam with location pin installation

### SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

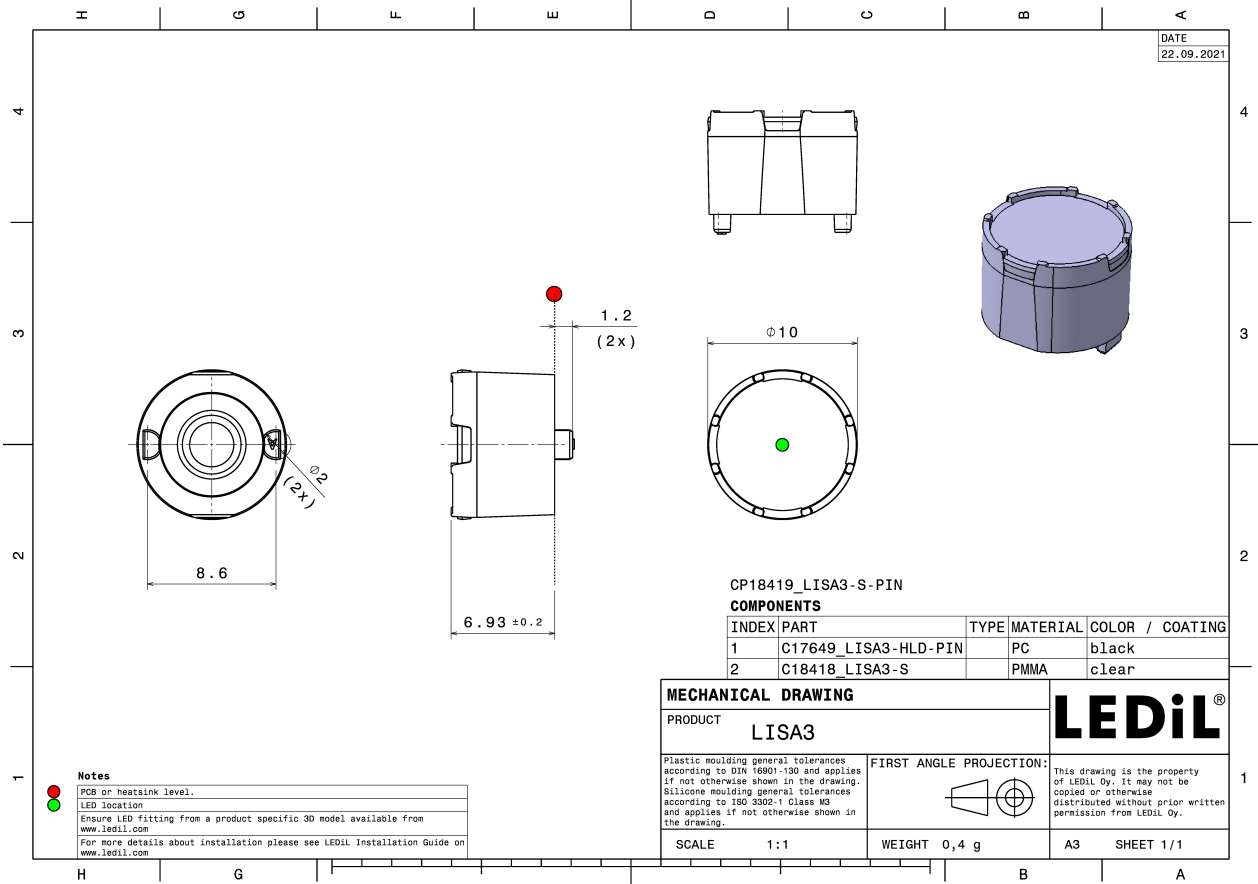
### MATERIALS:

Component	Type	Material	Colour	Finish
LISA3-S	Single lens	PMMA	clear	
LISA3-HLD-PIN	Holder	PC	black	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP18419_LISA3-S-PIN » Box size: 273 x 183 x 135 mm	4000	48000	100	2.3



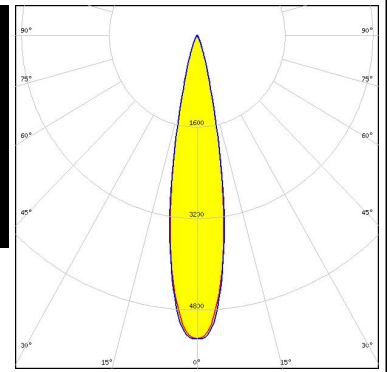
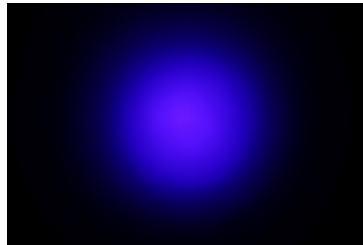


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

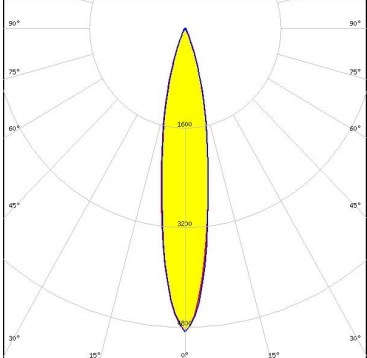
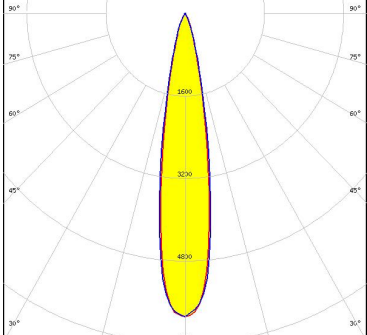
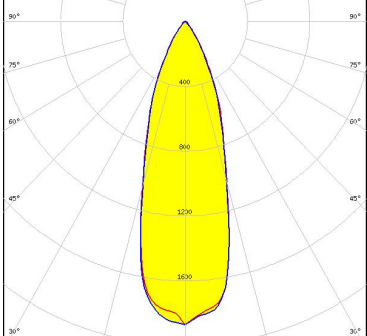
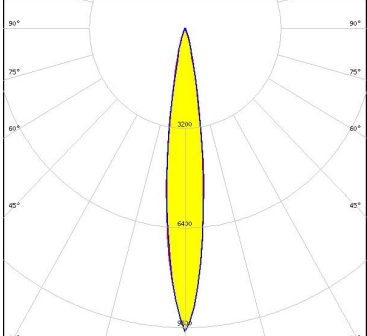
#### OPTICAL RESULTS (MEASURED):



LED SST-10-B130  
FWHM / FWTM 20.0° / 36.0°  
Efficiency 82 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour Blue  
Required components:



#### OPTICAL RESULTS (SIMULATED):

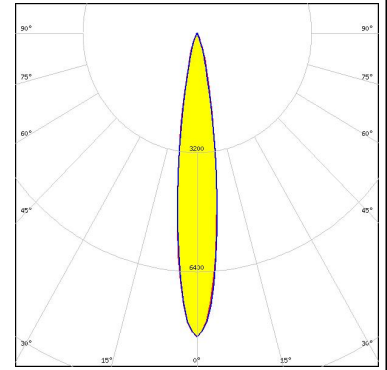
<p><b>bridgelux</b></p> <p>LED CSP 2323 (BXCP)            FWHM / FWTM 18.0° / 41.0°            Efficiency 81 %            Peak intensity 4.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMINUS</b></p> <p>LED SST-10-B130            FWHM / FWTM 19.0° / 37.0°            Efficiency 90 %            Peak intensity 5.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NV4WB35AM            FWHM / FWTM 32.0° / 66.0°            Efficiency 85 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3030            FWHM / FWTM 14.0° / 29.0°            Efficiency 89 %            Peak intensity 9.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

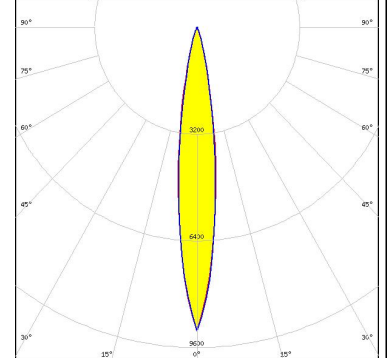
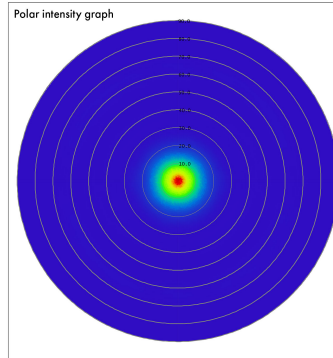
LED OSLON Square Flat  
 FWHM / FWTM 16.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 8.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

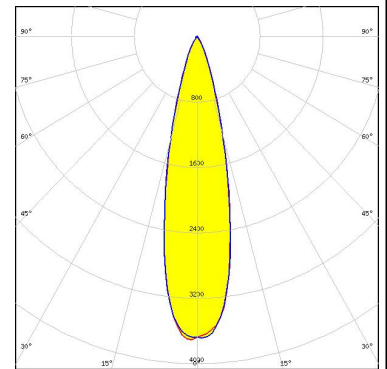
Opto Semiconductors

LED SFH 4716S  
 FWHM / FWTM 15.0° / 31.0°  
 Efficiency 87 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



#### SAMSUNG

LED LH351B  
 FWHM / FWTM 24.0° / 46.0°  
 Efficiency 88 %  
 Peak intensity 3.7 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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