

## 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 ⓘ

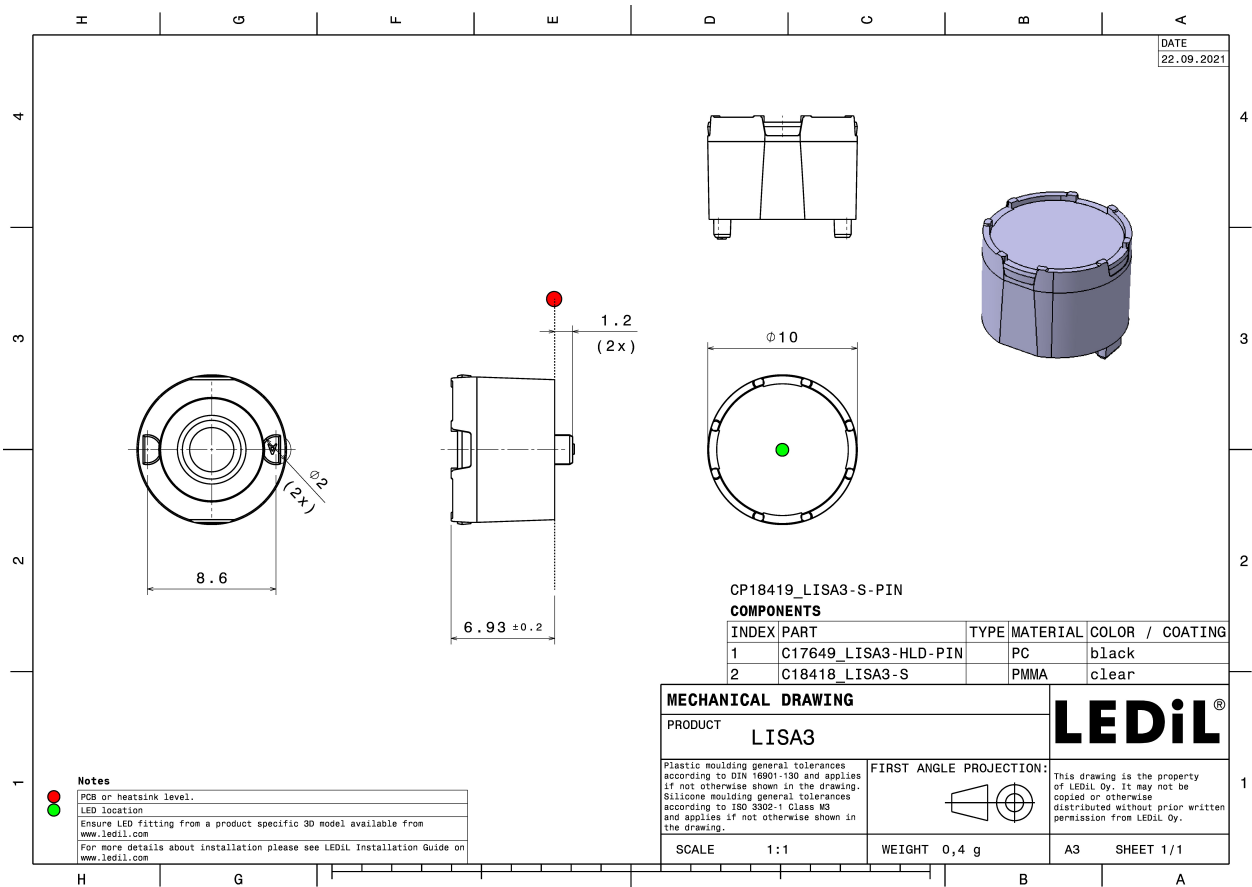
## MATERIALS:

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	4000	48000	100	2.3
» Box size: 273 x 183 x 135 mm				

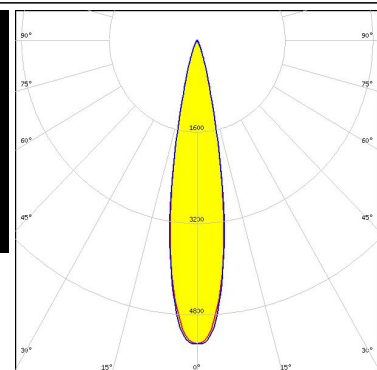
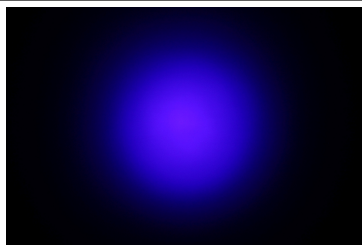


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



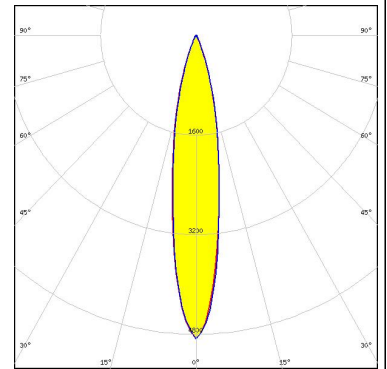
LED SST-10-B130  
FWHM / FWTM 20.0° / 36.0°  
Efficiency 82 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour Blue  
Required components:



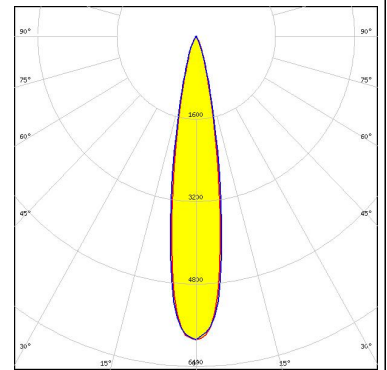
#### OPTICAL RESULTS (SIMULATED):



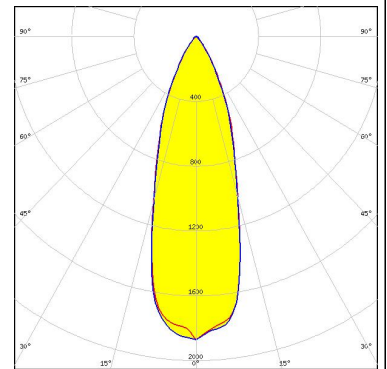
LED CSP 2323 (BXCP)  
 FWHM / FWTM 18.0° / 41.0°  
 Efficiency 81 %  
 Peak intensity 4.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



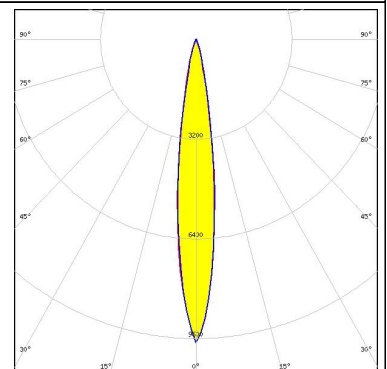
LED SST-10-B130  
 FWHM / FWTM 19.0° / 37.0°  
 Efficiency 90 %  
 Peak intensity 5.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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:



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:

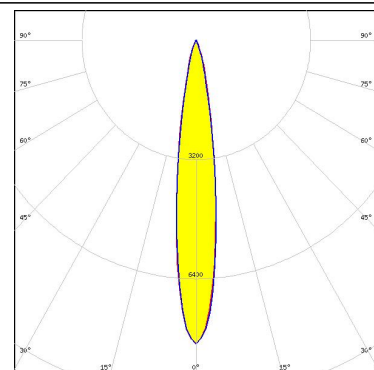


#### OPTICAL RESULTS (SIMULATED):

##### 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:

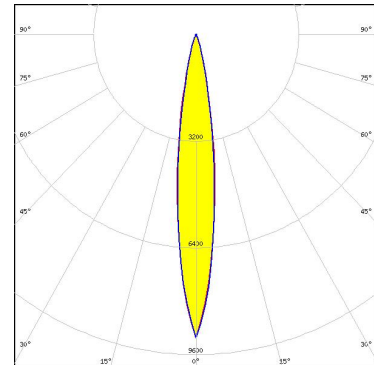
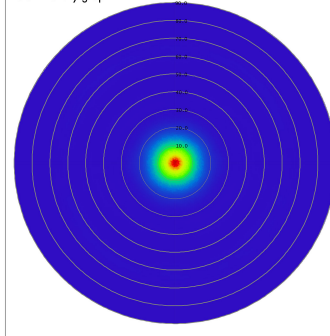


##### OSRAM

Opto Semiconductors

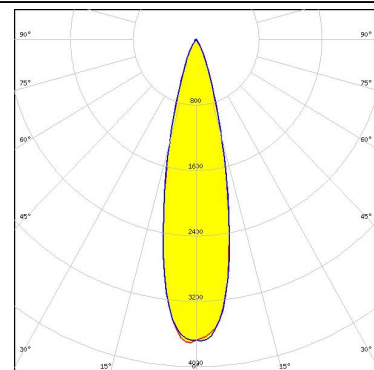
LED SFH 4716S  
FWHM / FWTM 15.0° / 31.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour IR  
Required components:

Polar intensity graph



##### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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