

LISA3CSP-RS-PIN

~15° spot beam



TECHNICAL SPECIFICATIONS:

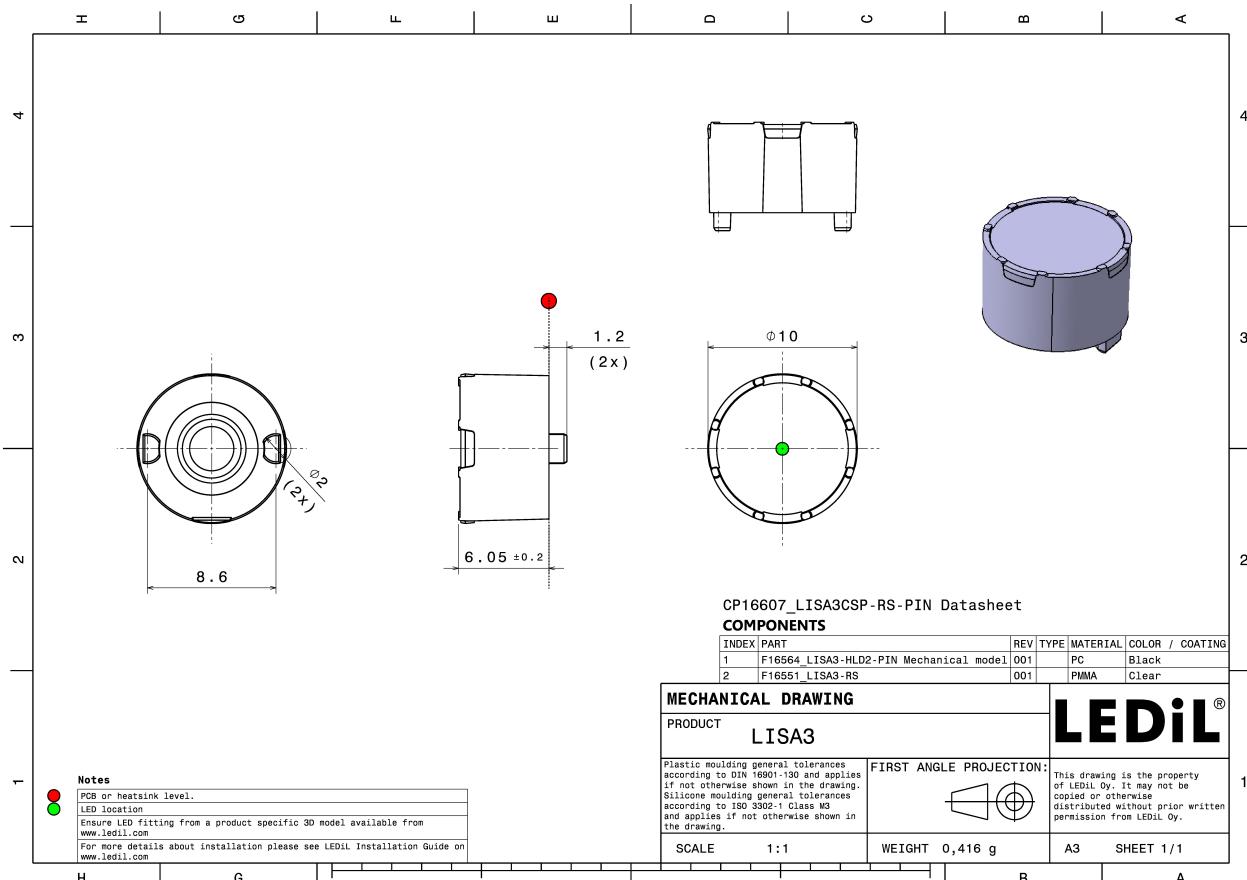
Dimensions	Ø 10.0 mm
Height	7.2 mm
Fastening	glue
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA3-RS	Single lens	PMMA	clear	
LISA3-HLD2-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
FP16607_LISA3CSP-RS-PIN » Box size: 310 x 230 x 60 mm	Single lens	2000	300	100	1.2

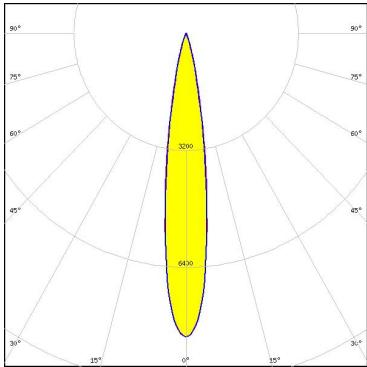
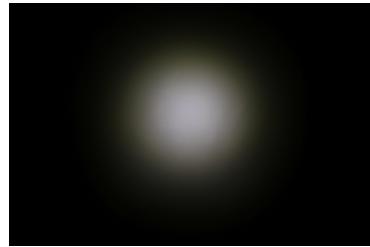


See also our general installation guide: www.ledil.com/installation_guide

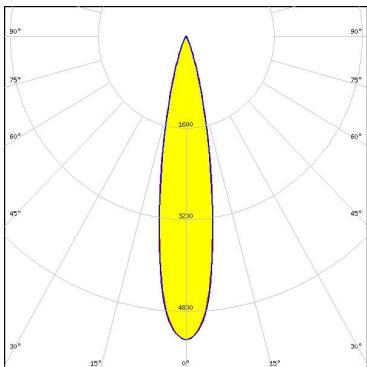
PHOTOMETRIC DATA (MEASURED):



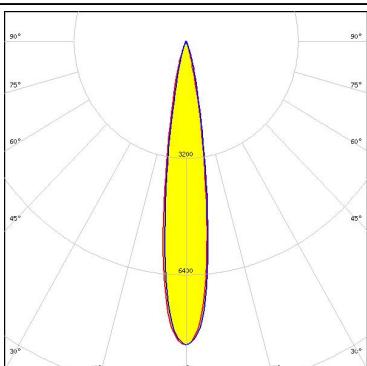
LED NCSxE17A
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 89 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



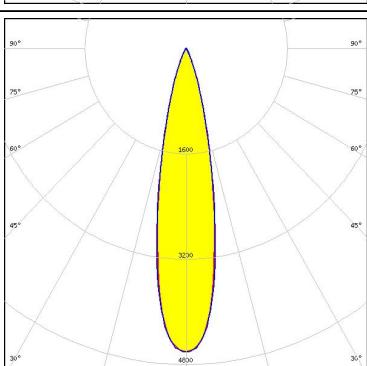
LED NVSxE21A
 FWHM / FWTM 21.0° / 39.0°
 Efficiency 89 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 89 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH181B
 FWHM / FWTM 22.0° / 42.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

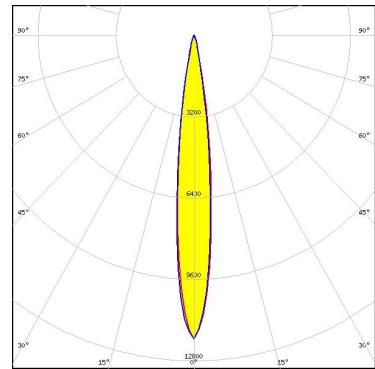


PHOTOMETRIC DATA (SIMULATED):

 LUMILEDS

LED	LUXEON CSP HL1
FWHM / FWTM	13.0° / 26.0 + 25.0°
Efficiency	95 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

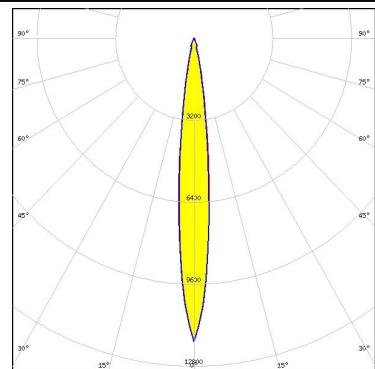
Required components:



NICHIA

LED	NFSWE11A
FWHM / FWTM	12.0° / 25.0°
Efficiency	84 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour	White

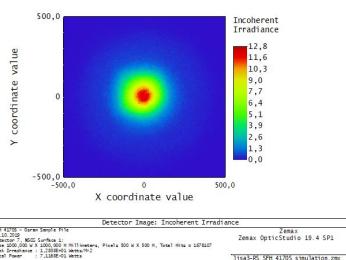
Required components:



OSRAM

LED	OSCONIQ C 2424
FWHM / FWTM	18.0° / 38.0°
Efficiency	90 %
Peak intensity	5.8 cd/lm
LEDs/each optic	1
Light colour	White
Beam angle	18.0°

Required components:



OSRAM

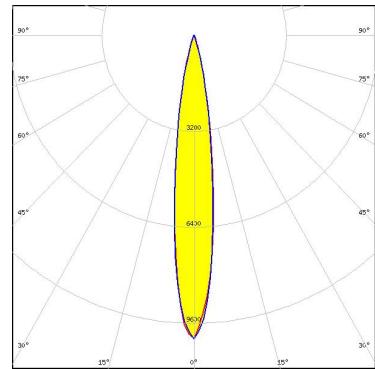
LED	SFH 4170S
FWHM / FWTM	16.0°
Efficiency	76 %
LEDs/each optic	1
Light colour	IR

Light colour
Brownish

PHOTOMETRIC DATA (SIMULATED):

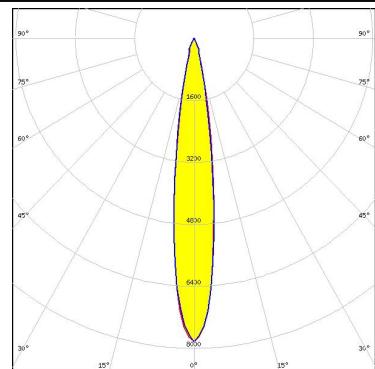
SAMSUNG

LED LM101B
FWHM / FWTM 14.0° / 30.0°
Efficiency 89 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



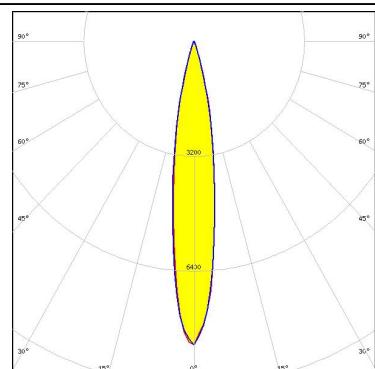
SEOUL SEMICONDUCTOR

LED Z8Y11
FWHM / FWTM 16.0° / 30.0°
Efficiency 81 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM / FWTM 15.5° / 31.0°
Efficiency 86 %
Peak intensity 7.2 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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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
[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations
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