

LISA3CSP-RS-CLIP16

~15° spot beam with clip installation.

SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	7.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

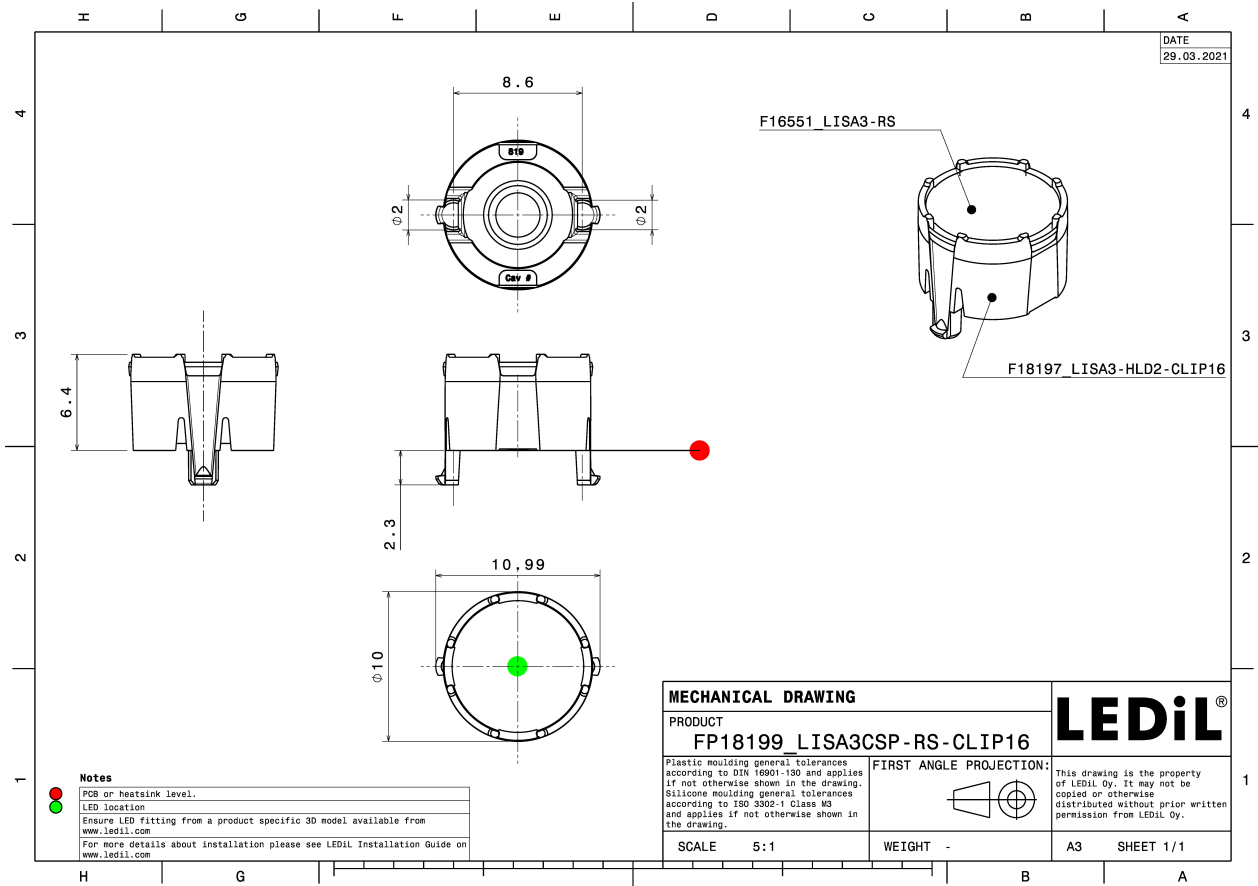
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA3-RS	Single lens	PMMA	clear		9.9
LISA3-HLD2-CLIP16	Holder	PC	black		9.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FP18199_LISA3CSP-RS-CLIP16 » Box size: 310 x 230 x 60 mm	2000	300	100	1.2



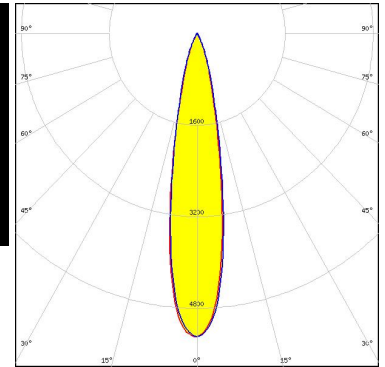


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

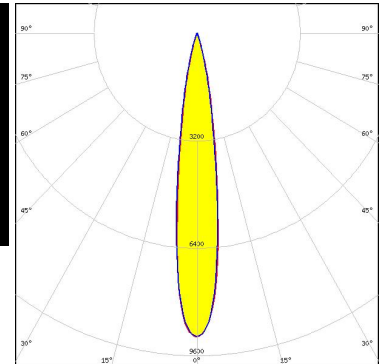
LED OSCONIQ C 2424
FWHM / FWTM 20.0° / 41.0°
Efficiency 92 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM101B
FWHM / FWTM 16.0° / 31.0°
Efficiency 92 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

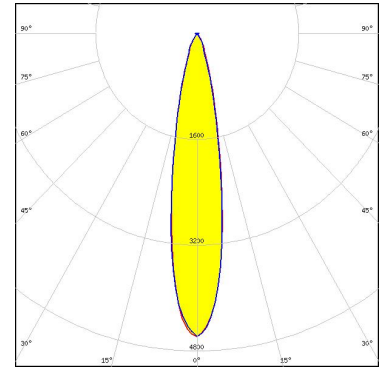


Light distribution files

OPTICAL RESULTS (SIMULATED):



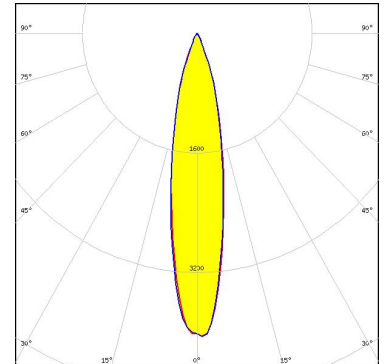
LED XD16
 FWHM / FWTM 20.0° / 41.0°
 Efficiency 85 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON C
 FWHM / FWTM 21.0° / 44.0°
 Efficiency 78 %
 Peak intensity 4.1 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:

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

Poznan, Poland
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