LISA3-O2-PIN

~20° x 35° oval beam with location pin installation



SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	6.9 mm
Fastening	snaps
ROHS compliant	yes

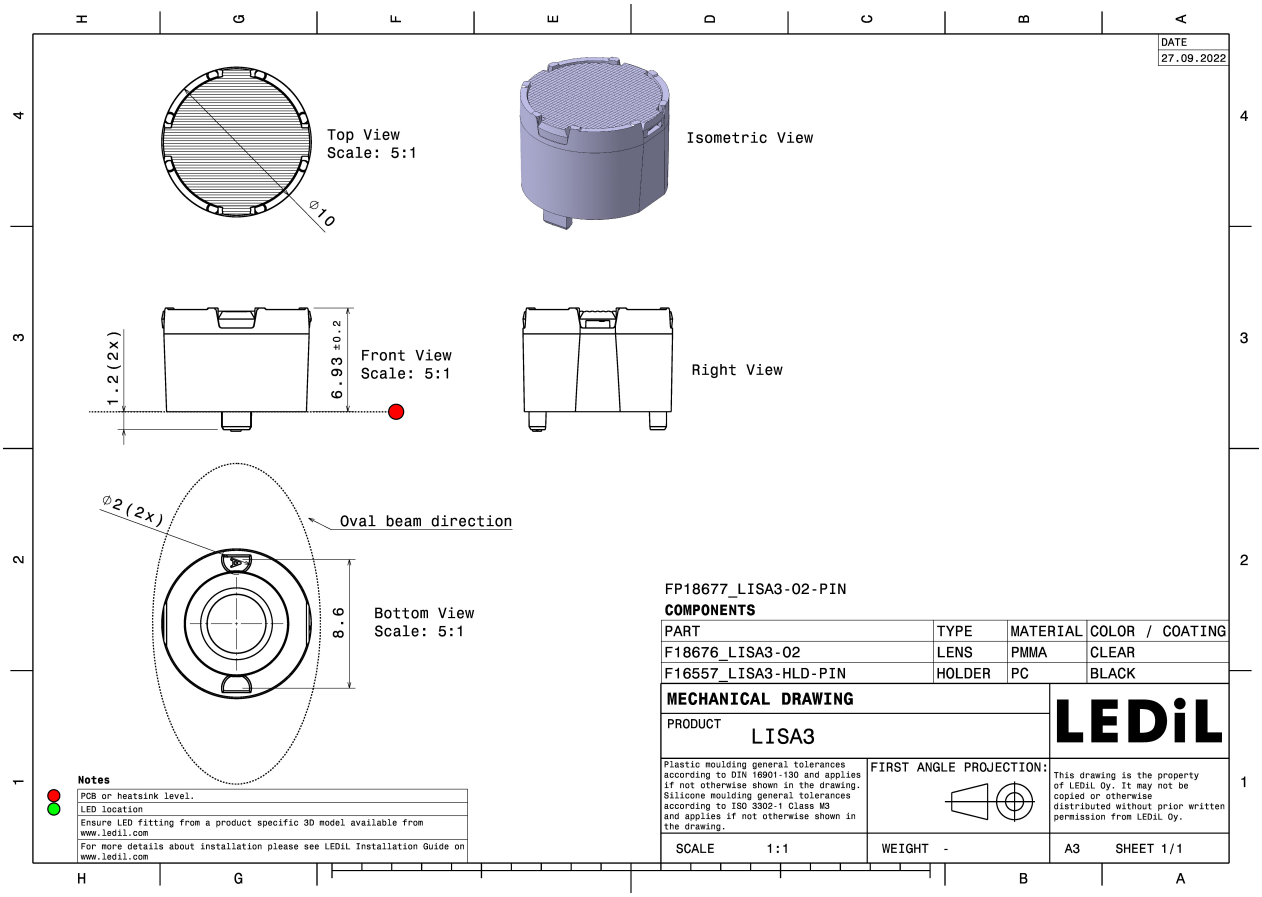
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA3-O2	Single lens	PMMA	clear		10.0
LISA3-HLD-PIN	Holder	PC	black		9.9

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FP18677_LISA3-O2-PIN » Box size: 310 x 230 x 60 mm	2000	300	100	1.3

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

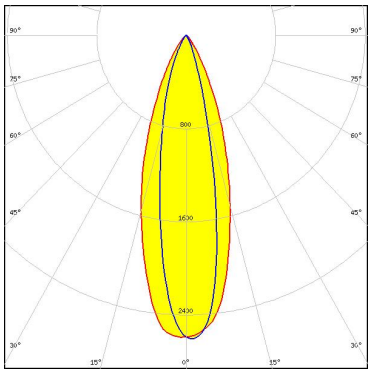
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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XT-E
FWHM / FWTM	34.5 + 22.0° / 65.5 + 45.5°
Efficiency	81 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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OPTICAL RESULTS (SIMULATED):

LUMINUS

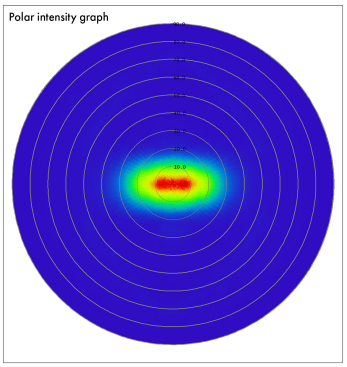
LED	SST-12
FWHM / FWTM	39.0 + 18.0° / 66.0 + 36.0°
Efficiency	88 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

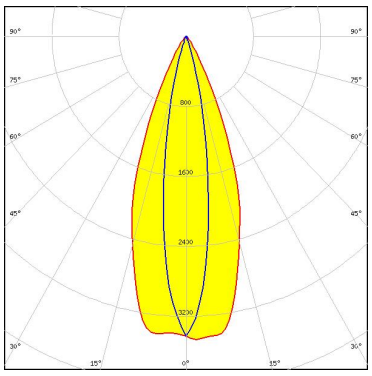
LUMINUS

LED	SST-20
FWHM / FWTM	41.0 + 19.0° / 66.0 + 40.0°
Efficiency	85 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

OSRAM
Opto Semiconductors

LED	SFH 4716S
FWHM / FWTM	40.0 + 17.0° / 61.0 + 33.0°
Efficiency	85 %
LEDs/each optic	1
Light colour/type	IR
Required components:	





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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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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

Shipping locations
Poznan, Poland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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