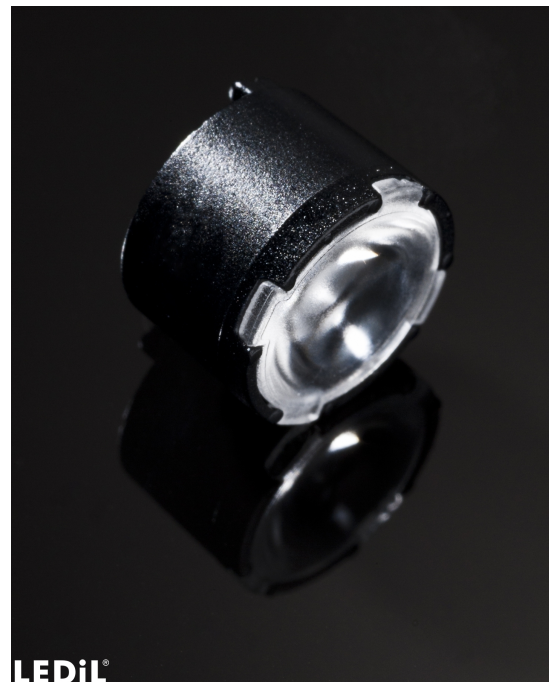


LISA2-M-PIN

~20° medium beam optimized for 3535 size LED packages. 6.6 mm high variant with location pin installation.

SPECIFICATION:

Dimensions	Ø 9.9 mm
Height	6.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

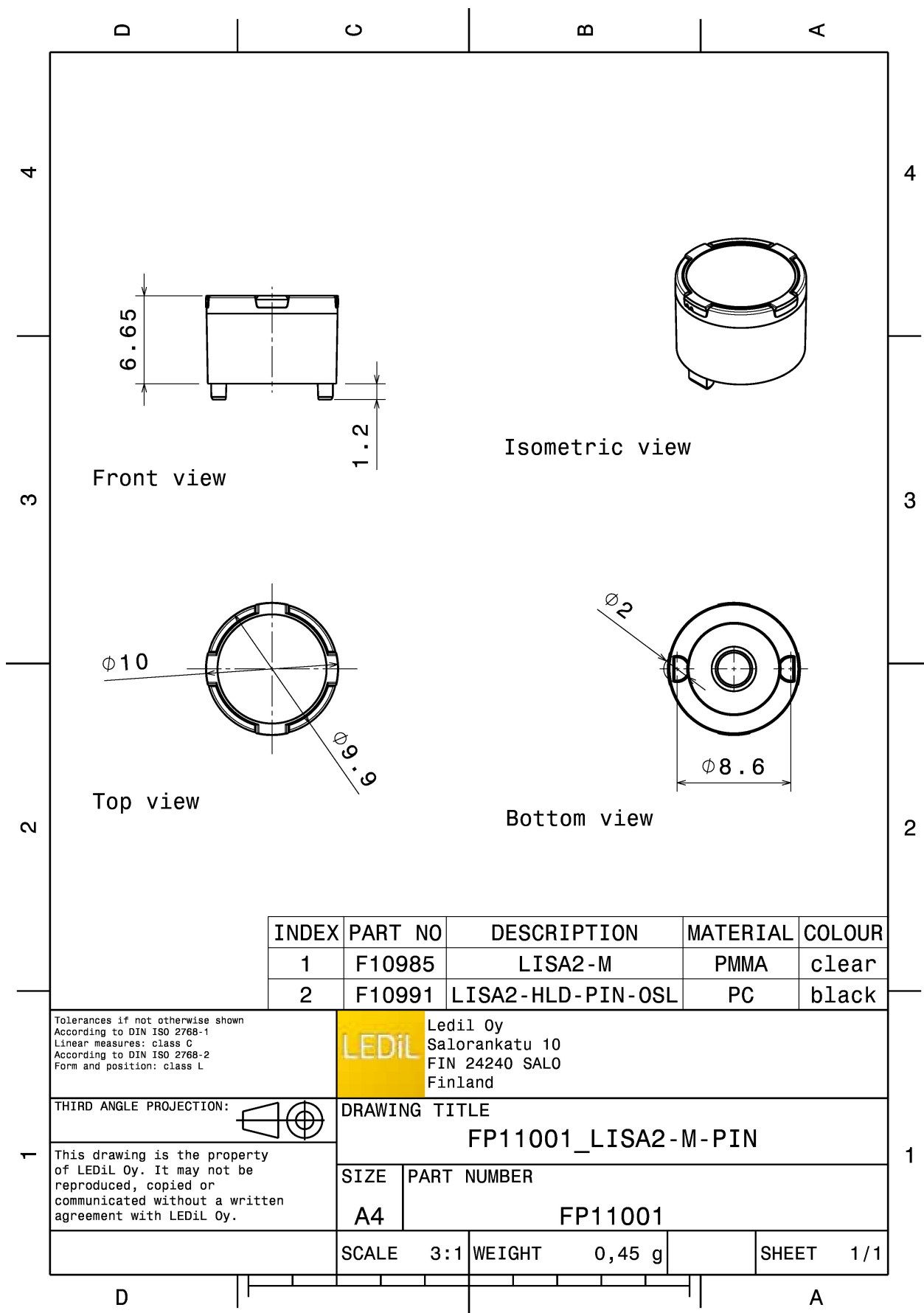


MATERIALS:

Component	Type	Material	Colour	Finish
LISA2-M	Single lens	PMMA	clear	
LISA2-HLD-PIN-OSL	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11001_LISA2-M-PIN	Single lens	2000	300	100	1.4
» Box size: 310 x 230 x 60 mm					

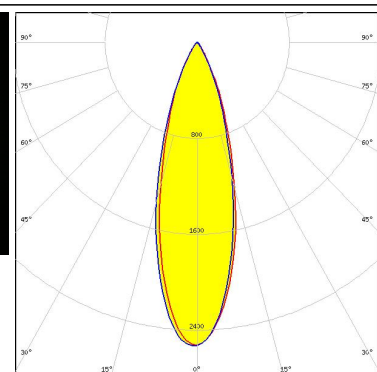
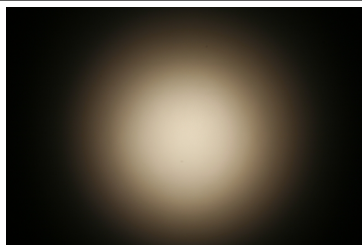


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

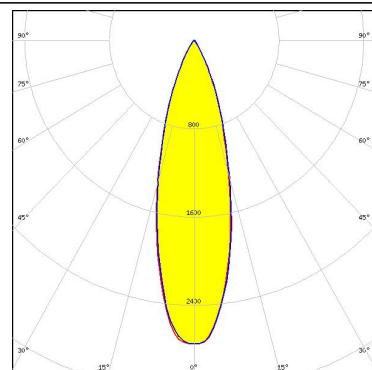
LED OSLON Square EC
FWHM / FWTM 31.0° / 60.0°
Efficiency 89 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



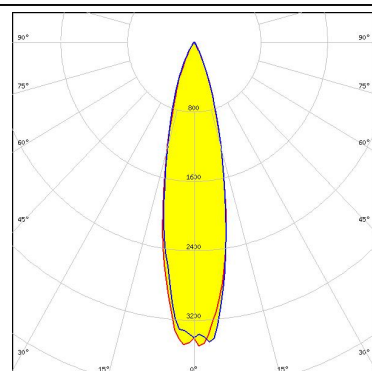
OPTICAL RESULTS (SIMULATED):



LED CSP 2323 (BXCP)
FWHM / FWTM 29.0° / 56.0°
Efficiency 87 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Synios P2720 1 mm
FWHM / FWTM 21.0° / 43.0°
Efficiency 94 %
Peak intensity 3.8 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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