

LISA2-W-PIN

~35° wide beam optimized for 3535 size LED packages. 6.6 mm high variant with location pin installation.



SPECIFICATION:

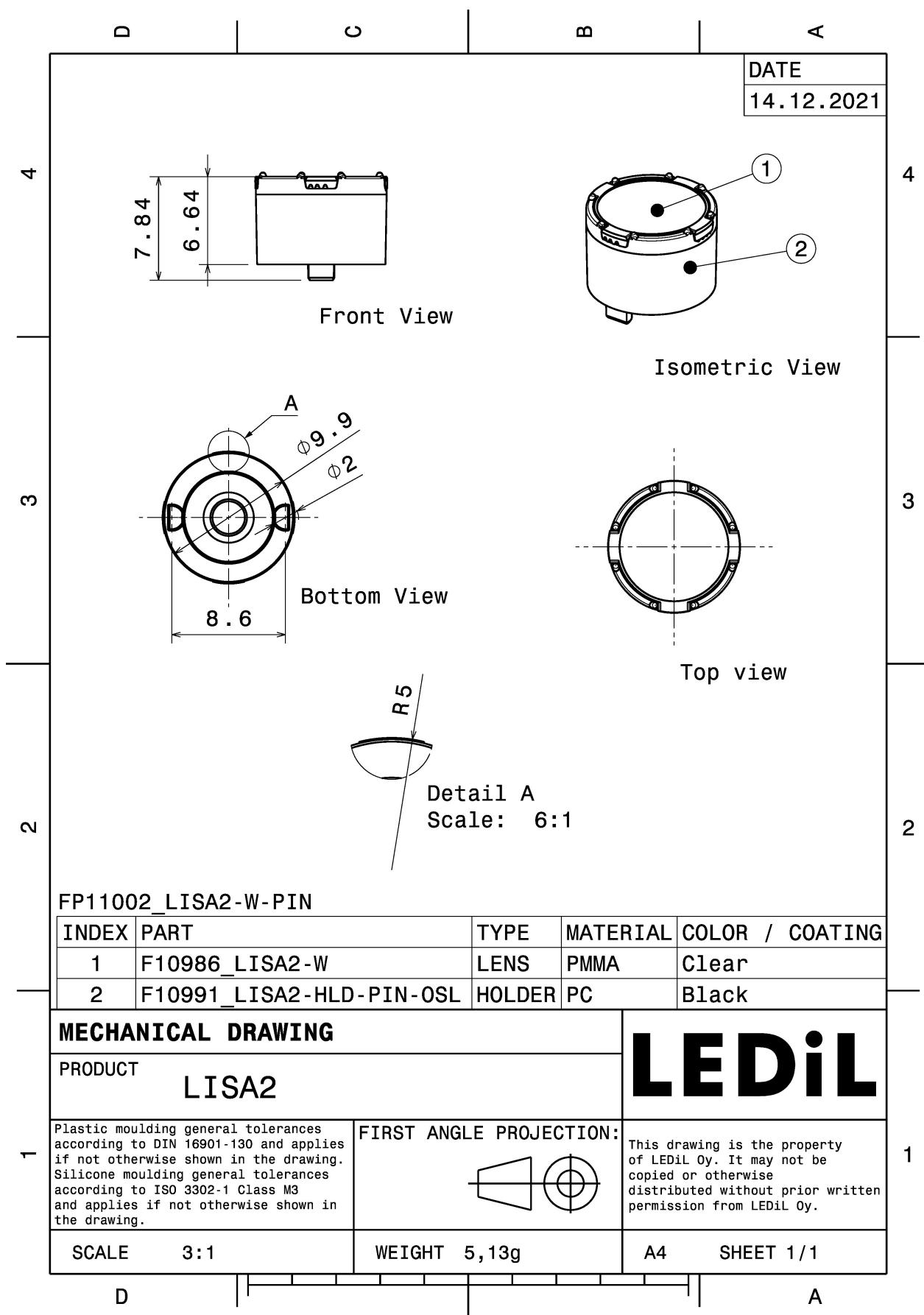
Dimensions	Ø 9.9
Height	6.6 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA2-HLD-PIN-OSL	Holder	PC	black		
LISA2-W	Single lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FP11002_LISA2-W-PIN	300	100		1.4
» Box size:				



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

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC

FWHM / FWTM 42.0° / 77.0°

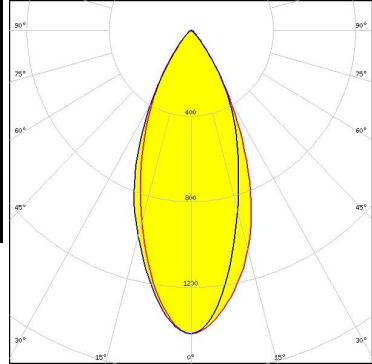
Efficiency 89 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files

OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM / FWTM 41.0° / 69.0°

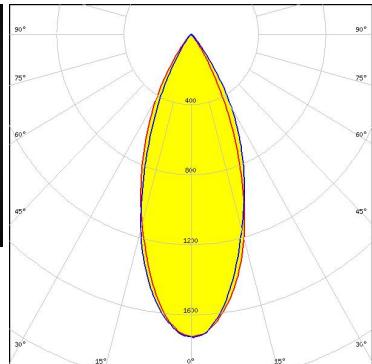
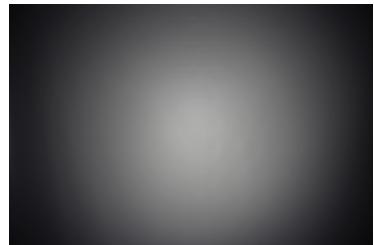
Efficiency 90 %

Peak intensity 1.7 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

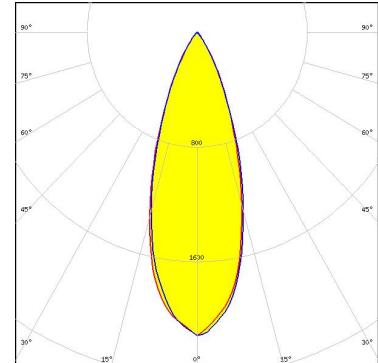


Light distribution files

OPTICAL RESULTS (SIMULATED):



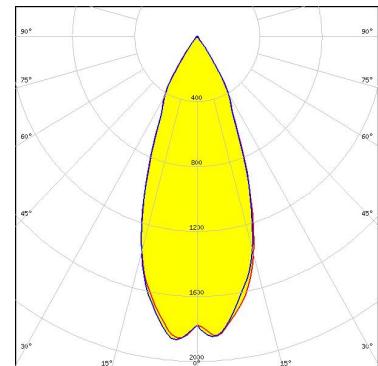
LED CSP 2323 (BXCP)
 FWHM / FWTM 36.0° / 64.0°
 Efficiency 89 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



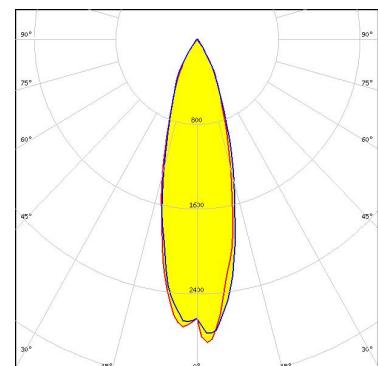
LED OSLON Pure 1414
 FWHM / FWTM 41.0 + 40.0° / 68.0°
 Efficiency 95 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Synios P2720 1 mm
 FWHM / FWTM 27.0° / 61.0°
 Efficiency 93 %
 Peak intensity 2.9 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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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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