

LISA3CSP-O2-90-PIN

~20° x 35° oval beam optimized for CSP LEDs with location pin installation. Variant with beam direction rotated 90°.

SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	6.3 mm
Fastening	snaps
ROHS compliant	yes ⓘ

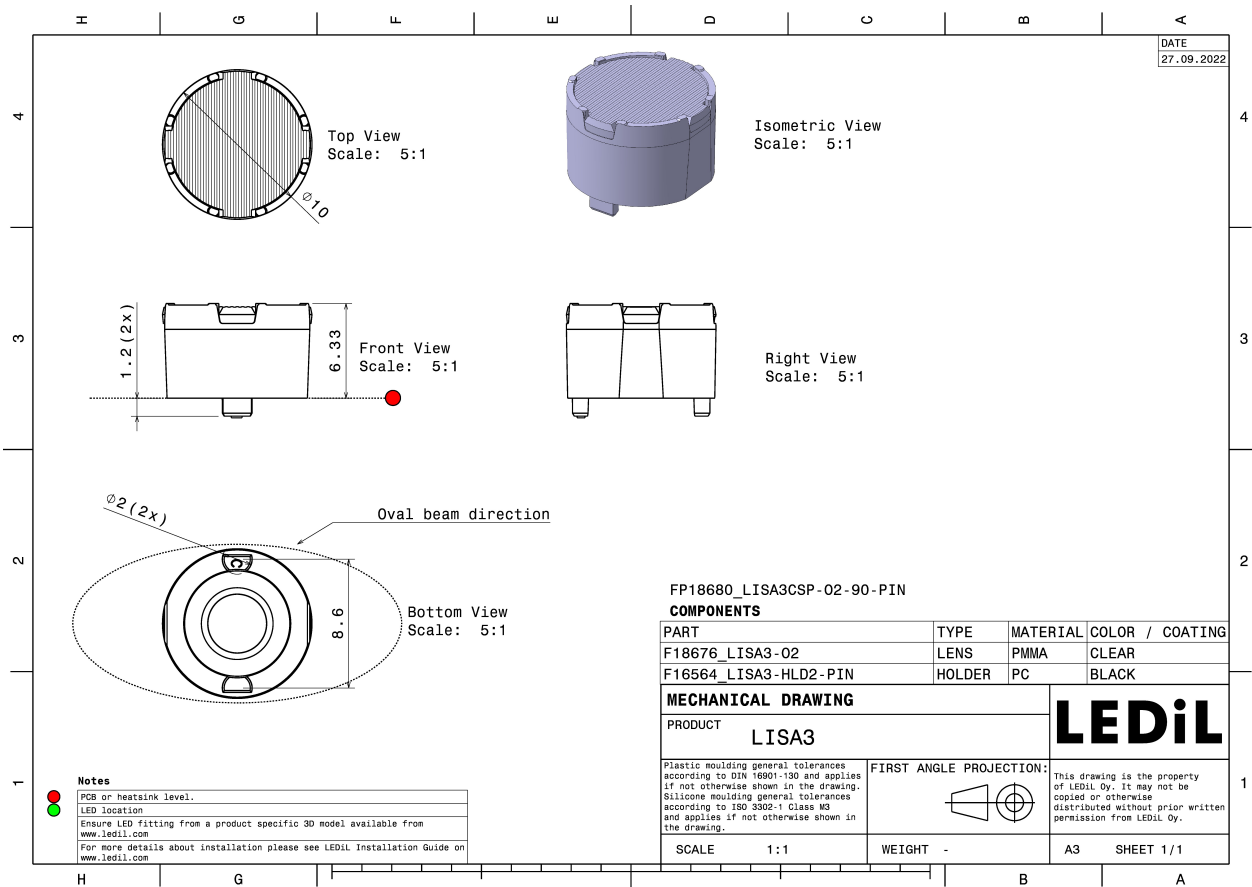


MATERIALS:

Component	Type	Material	Colour	Finish
LISA3-O2	Single lens	PMMA	clear	
LISA3-HLD2-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP18680_LISA3CSP-O2-90-PIN	Single lens	2000	300	100	1.3
» Box size: 310 x 230 x 60 mm					

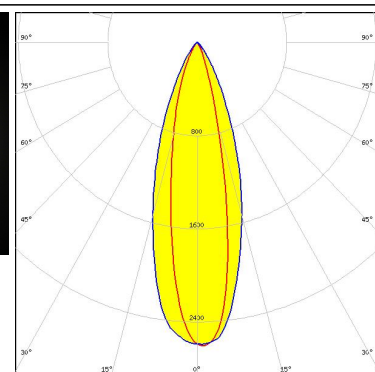
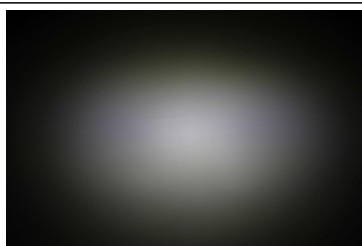


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED	XT-E
FWHM / FWTM	22.0 + 34.5° / 45.5 + 65.5°
Efficiency	81 %
Peak intensity	2.6 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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