

## LISA3CSP-O-90-CLIP16

~15° x 50° oval beam with clip installation.  
Variant with beam direction rotated 90°.

## SPECIFICATION:

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

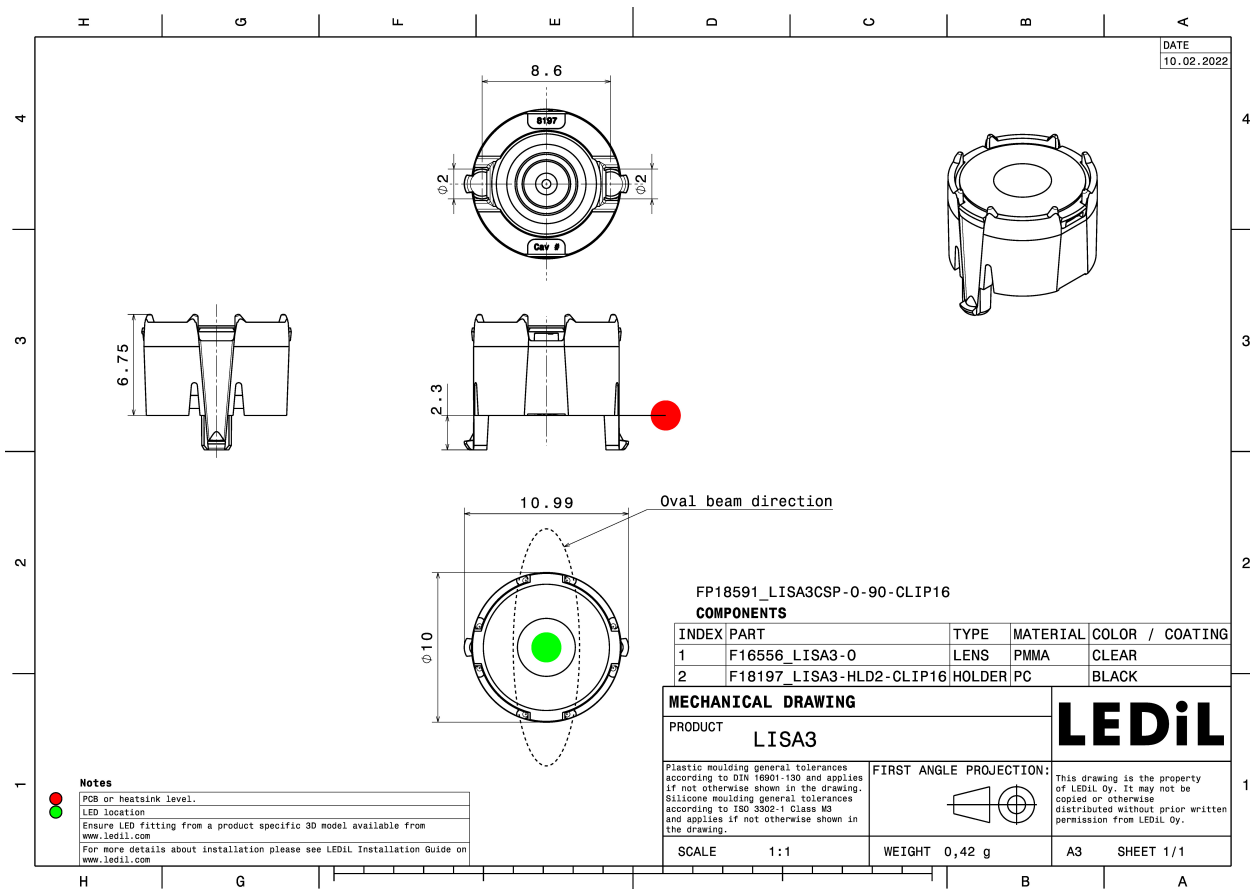


## MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA3-O	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)
FP18591_LISA3CSP-O-90-CLIP16 » Box size: 310 x 230 x 60 mm	2000	300	100	1.2

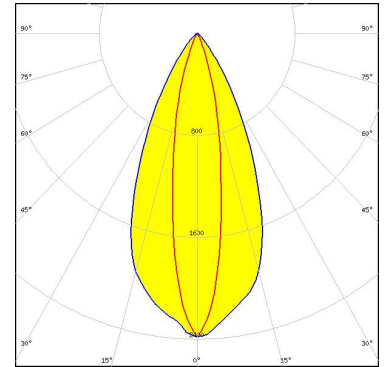


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (SIMULATED):



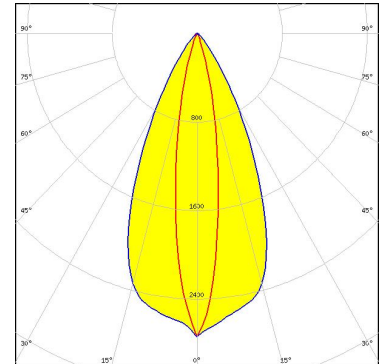
LED	NCSxE17A
FWHM / FWTM	19.0 + 48.0° / 42.0 + 78.0°
Efficiency	81 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### SAMSUNG

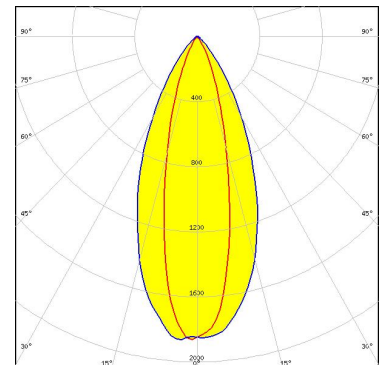
LED	LH151B
FWHM / FWTM	16.0 + 48.0° / 36.0 + 75.0°
Efficiency	85 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

#### SAMSUNG

LED	LH181B
FWHM / FWTM	26.0 + 46.0° / 53.0 + 82.0°
Efficiency	82 %
Peak intensity	1.9 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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