

## LISA3CSP-WW-CLIP16

~45° wide beam with clip installation.

## SPECIFICATION:

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

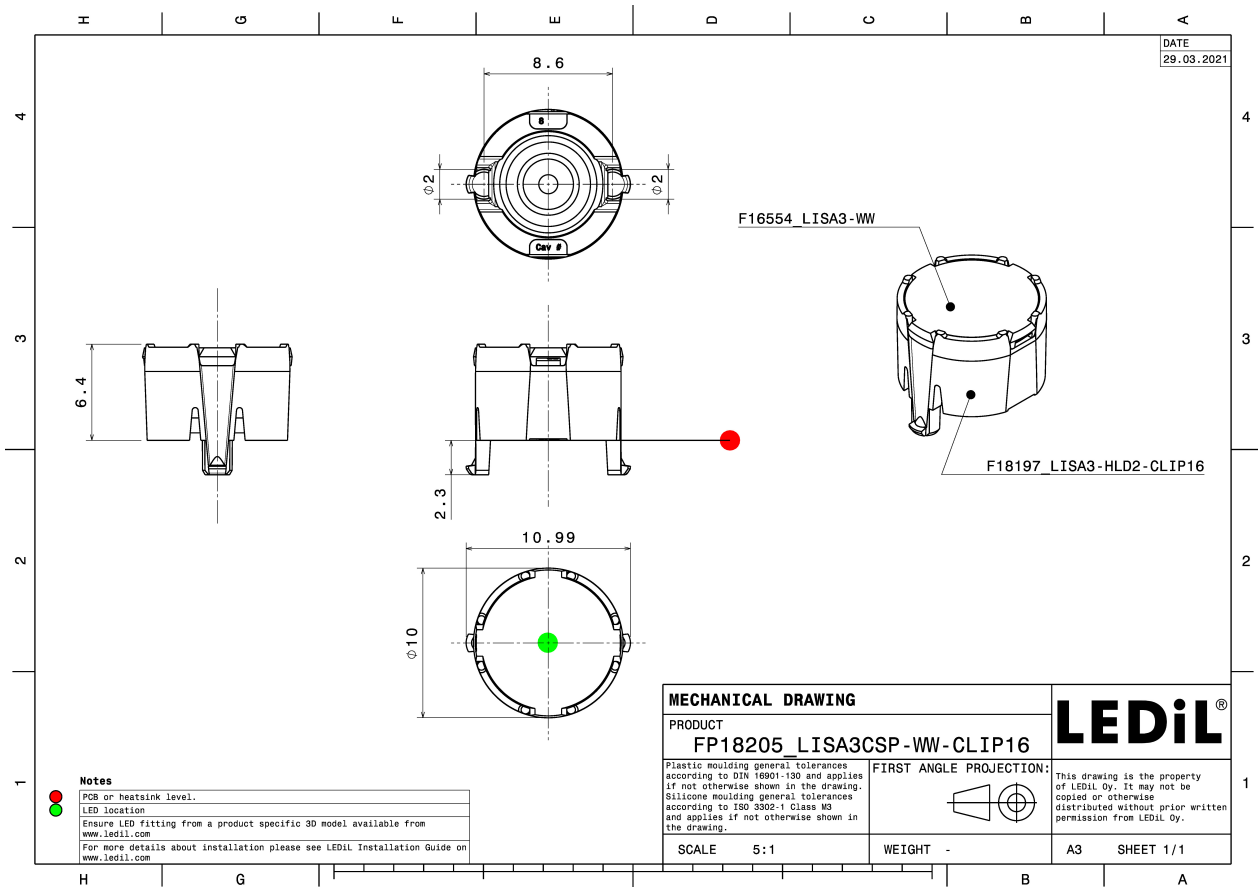
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA3-WW	Single lens	PMMA	clear		
LISA3-HLD2-CLIP16	Holder	PC	black		

## ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FP18205_LISA3CSP-WW-CLIP16 » Box size: 310 x 230 x 60 mm	2000	300	100	1.3



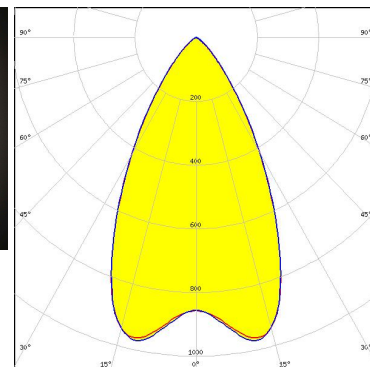
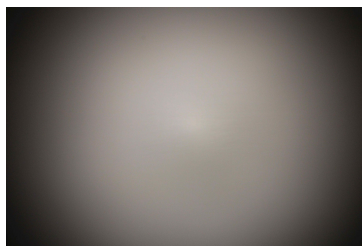


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

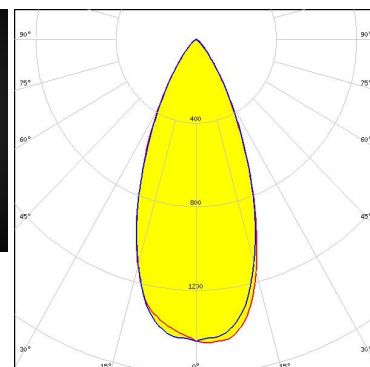
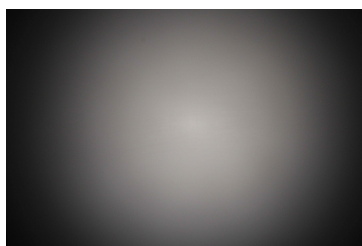
LED OSCONIQ C 2424  
FWHM / FWTM 54.0° / 87.0°  
Efficiency 90 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LM101B  
FWHM / FWTM 44.0° / 75.0°  
Efficiency 91 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

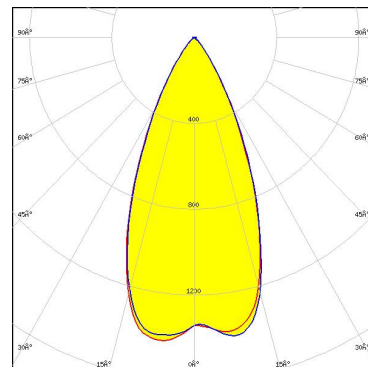


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



LED	NCSxE17A
FWHM / FWTM	47.0° / 74.0°
Efficiency	92 %
Peak intensity	1.4 cd/Im
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:

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