

## LISA3CSP-O-CLIP16

~15° x 50° oval beam with clip installation.

### 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) |
|--|------------|-----|-----|-----------------|
| FP18209_LISA3CSP-O-CLIP16<br>» Box size: 310 x 230 x 60 mm | 2000       | 300 | 100 | 1.2             |

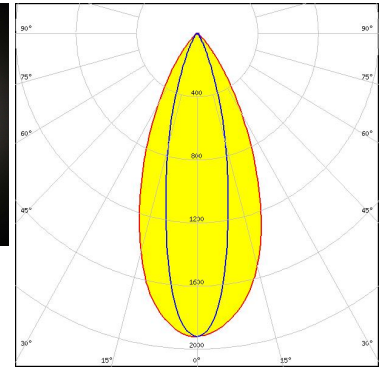
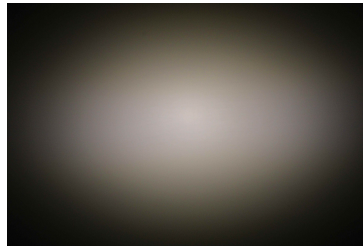




#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

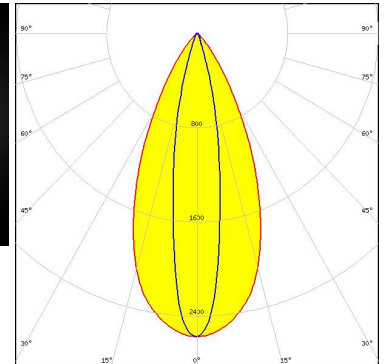
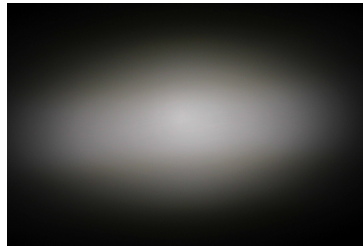
LED OSCONIQ C 2424  
FWHM / FWTM 46.0 + 25.0° / 80.0 + 50.0°  
Efficiency 80 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LM101B  
FWHM / FWTM 47.0 + 19.0° / 77.0 + 37.0°  
Efficiency 81 %  
Peak intensity 2.6 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:

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