

LISA2-RS-CLIP

~19° spot beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

SPECIFICATION:

| | |
|----------------|-------------|
| Dimensions | Ø 9.9 mm |
| Height | 6.8 mm |
| Fastening | glue, clips |
| ROHS compliant | yes ⓘ |

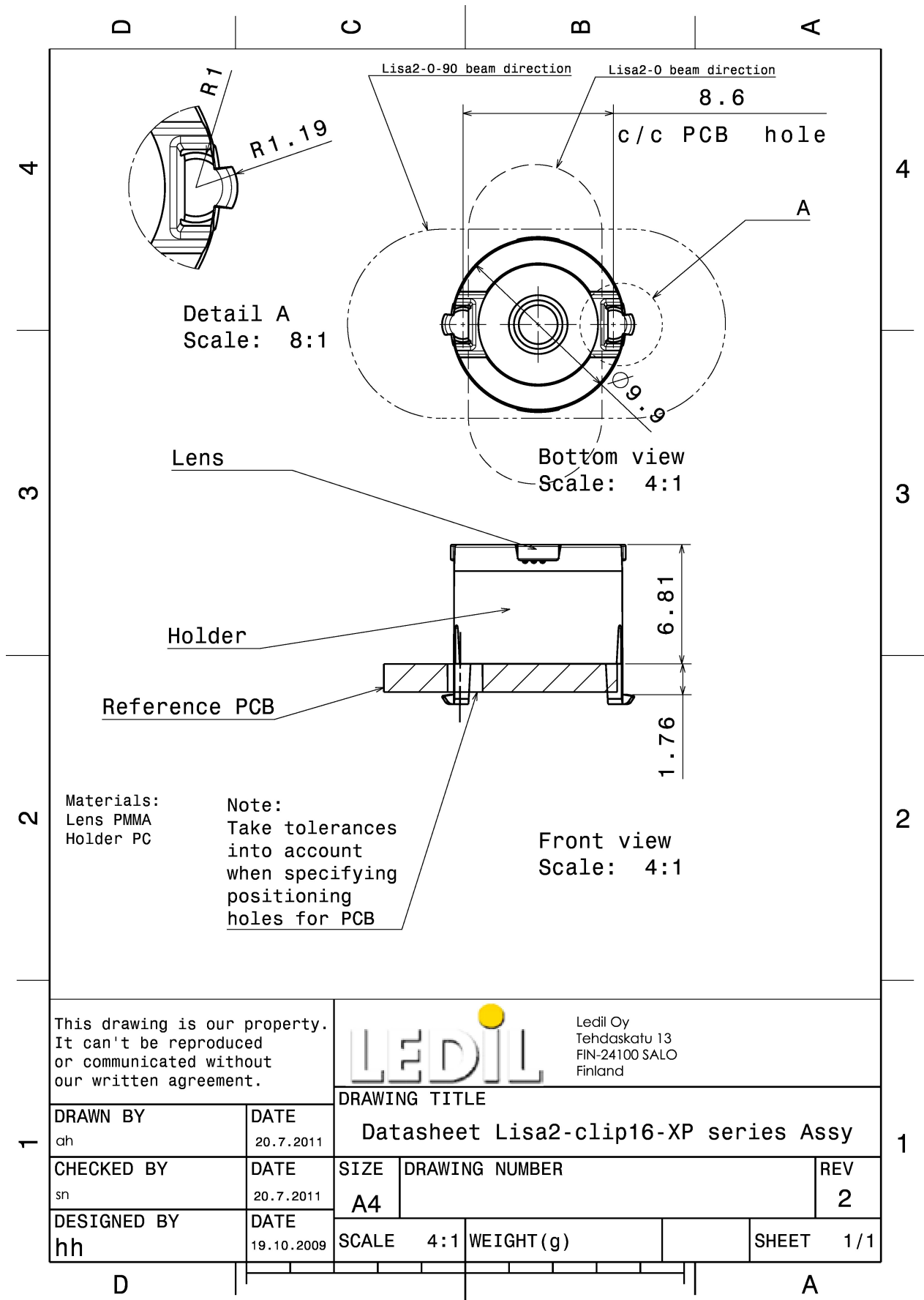


MATERIALS:

| Component | Type | Material | Colour | Finish |
|---------------------|-------------|----------|--------|--------|
| LISA2-RS | Single lens | PMMA | clear | |
| LISA2-HLD-CLIP16-XP | Holder | PC | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------------|-------------|------------|-----|-----|-----------------|
| FP11085_LISA2-RS-CLIP | Single lens | 2000 | 300 | 100 | 1.4 |
| » Box size: | | | | | |



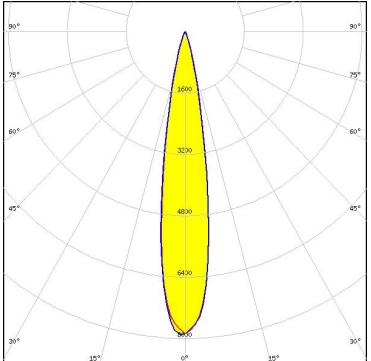
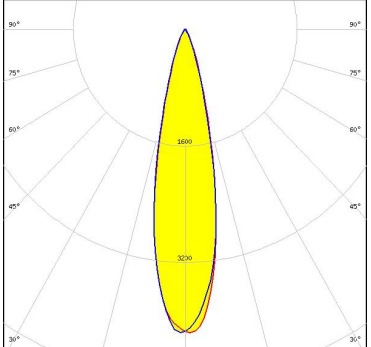

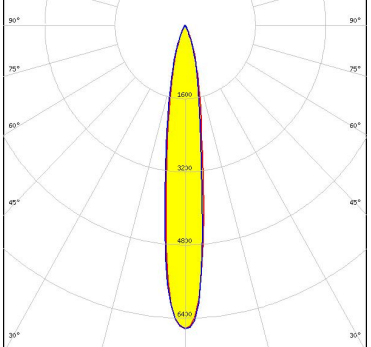

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| | | | | | |
|-------------------|--------------------|-------------------|--|-----------|----------|
| DRAWN BY ch | | DATE 20.7.2011 | DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy | | |
| CHECKED BY sn | DATE 20.7.2011 | SIZE A4 | DRAWING NUMBER | | REV 2 |
| DESIGNED BY hh | DATE 19.10.2009 | SCALE 4:1 | WEIGHT (g) | SHEET 1/1 | |

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

OPTICAL RESULTS (MEASURED):

| | |
|--|--|
| <p>CREE → LED</p> <p>LED: XP-E FWHM / FWTM: 16.0° Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>CREE → LED</p> <p>LED: XP-G FWHM / FWTM: 26.0° Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON Z ES FWHM / FWTM: 15.0° / 38.0° Efficiency: 84 % Peak intensity: 6.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |   |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: SFH 4170S FWHM / FWTM: 10.0° / 27.0° Efficiency: % LEDs/each optic: 1 Light colour: IR Required components:</p> |  |

OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LED SFH 4180S
FWHM / FWTM 9.0° / 31.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

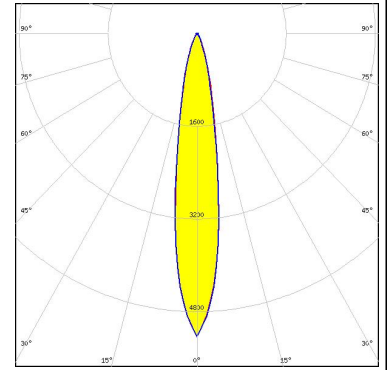
SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 18.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

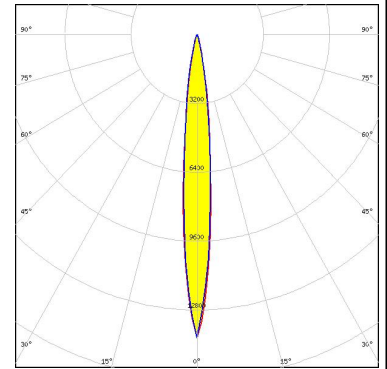
OPTICAL RESULTS (SIMULATED):



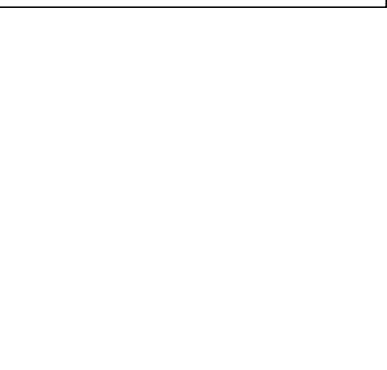
LED XD16
 FWHM / FWTM 16.0° / 39.0°
 Efficiency 81 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HD
 FWHM / FWTM 14.5° / 28.5°
 Efficiency 91 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HI
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 86 %
 Peak intensity 14 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:

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