

LISA2-WW-CLIP

~45° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

TECHNICAL SPECIFICATIONS:

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

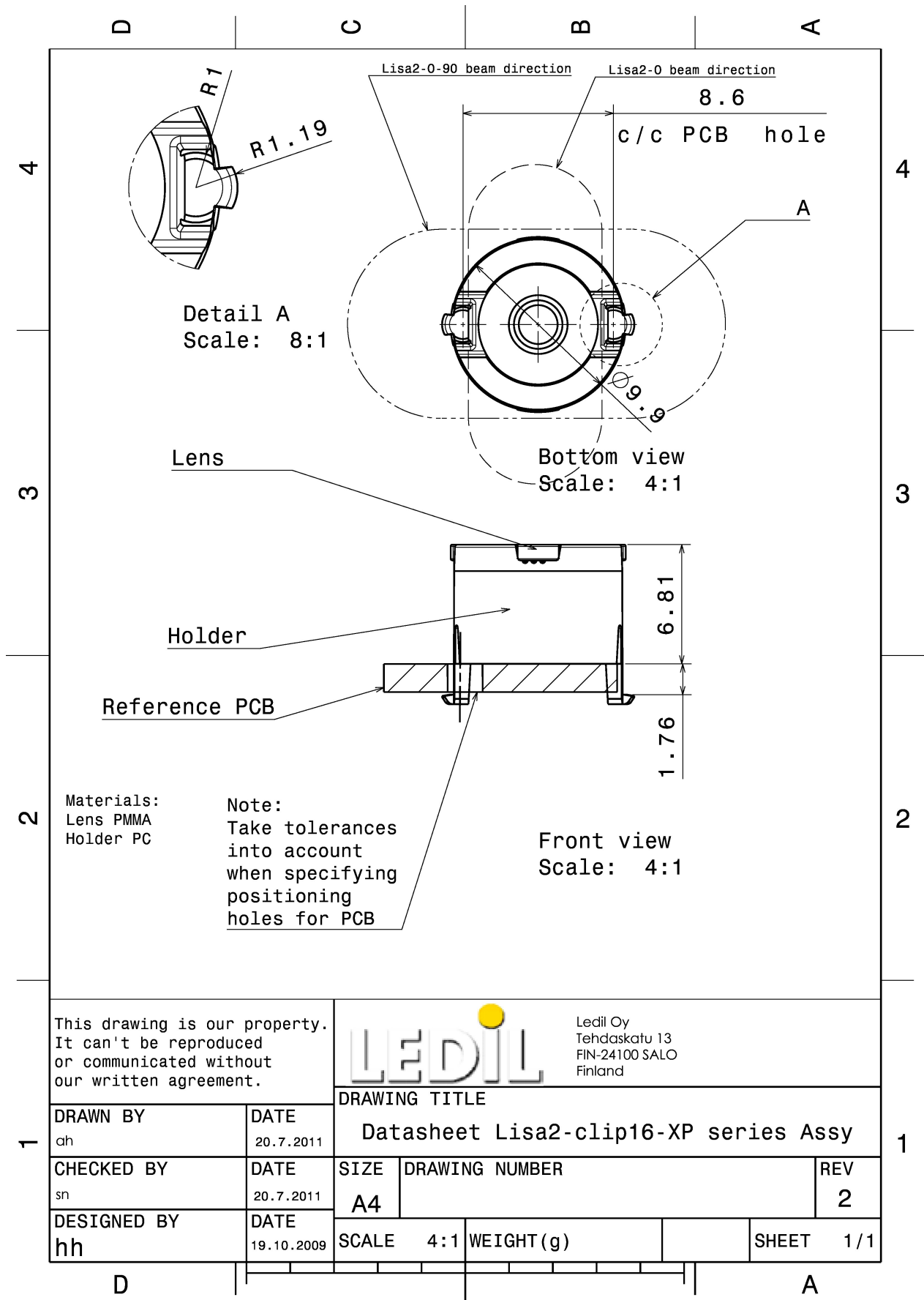


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-----------------------|-------------|------------|-----|-----|-----------------|
| FP11077_LISA2-WW-CLIP | Single lens | 2000 | | 100 | 1.4 |
| » Box size: | | | | | |



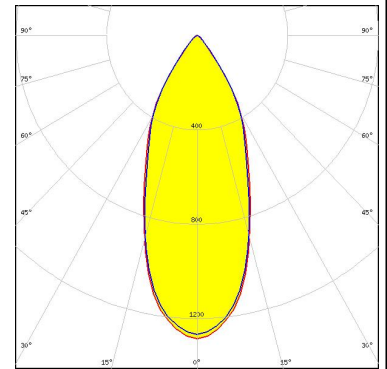
| | | | | | |
|---|---------------------------|--|-----------------------|--|--|
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| DRAWING TITLE | | | | | |
| DRAWN BY ch | DATE 20.7.2011 | Datasheet Lisa2-clip16-XP series Assy | | | |
| CHECKED BY sn | DATE 20.7.2011 | SIZE A4 | DRAWING NUMBER | 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

PHOTOMETRIC DATA (MEASURED):

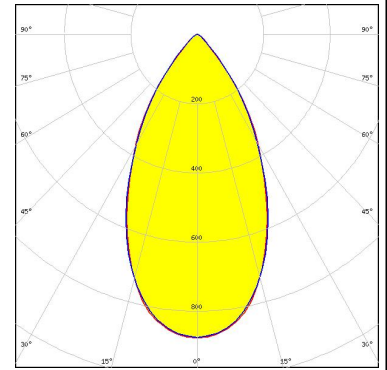
CREE LED

LED XP-E
 FWHM / FWTM 42.0° / 78.0°
 Efficiency 91 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



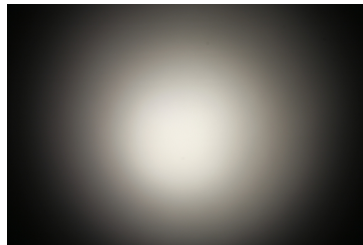
CREE LED

LED XP-G
 FWHM / FWTM 54.0° / 88.0°
 Efficiency 90 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



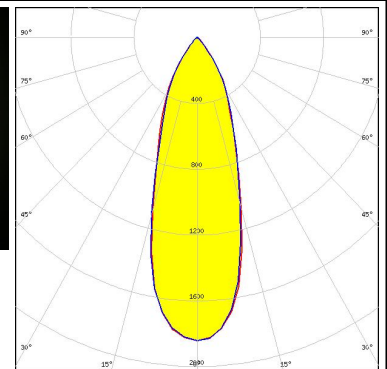
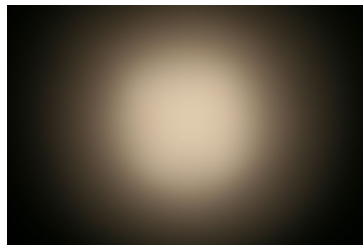
LUMILEDS

LED LUXEON Z
 FWHM / FWTM 28.0° / 70.0°
 Efficiency 87 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 35.0° / 73.0°
 Efficiency 88 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 29.0° / 73.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

OSRAM
Opto Semiconductors

LED SFH 4180S
FWHM / FWTM 27.0° / 71.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

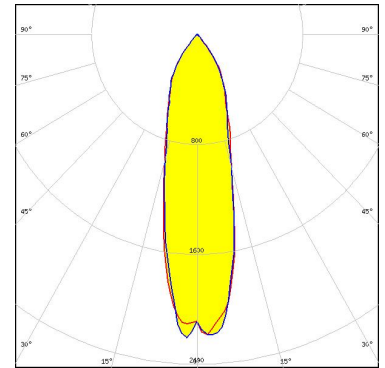
PHOTOMETRIC DATA (SIMULATED):



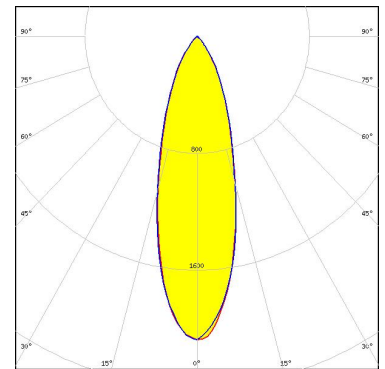
LED XQ-E HD
FWHM / FWTM 72.0° / 99.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM / FWTM 27.0° / 72.0°
Efficiency 89 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM / FWTM 31.0° / 68.0°
Efficiency 85 %
Peak intensity 2.1 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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