

LISA2-WWW-CLIP

~80° wide beam optimized for CREE XP-E. 7.0 mm high variant with clip installation.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-------------|
| Dimensions | Ø 9.9 mm |
| Height | 7 mm |
| Fastening | glue, clips |
| ROHS compliant | yes ⓘ |

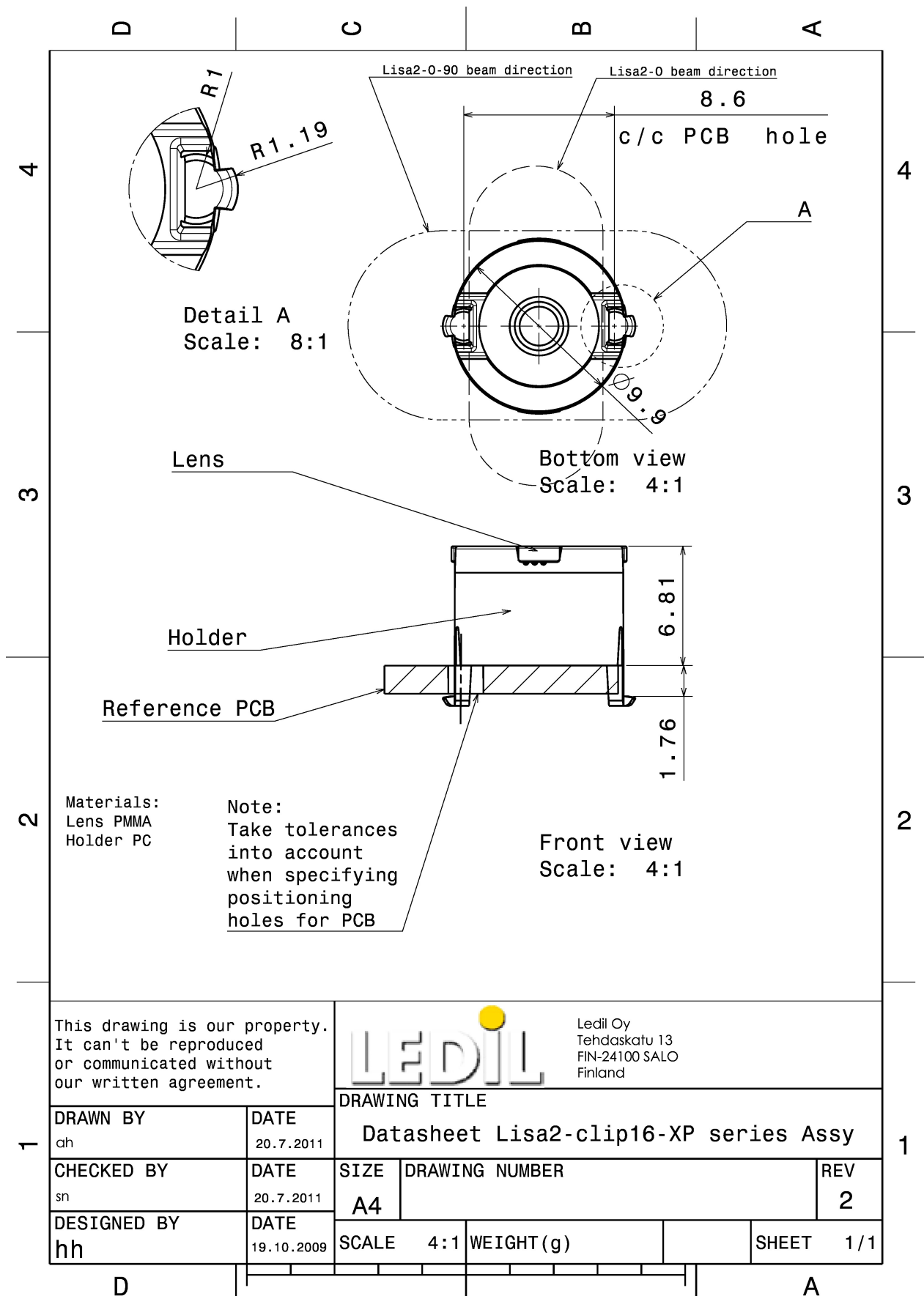
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------|-------------|------------|-----|-----|-----------------|
| FP11431_LISA2-WWW-CLIP | Single lens | 2000 | 300 | 100 | 1.4 |
| » Box size: | | | | | |

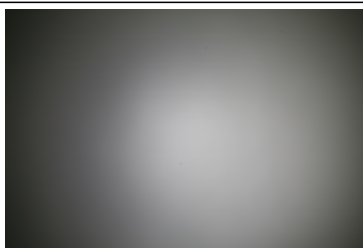




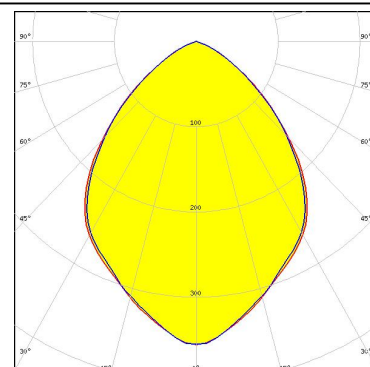
PHOTOMETRIC DATA (MEASURED):



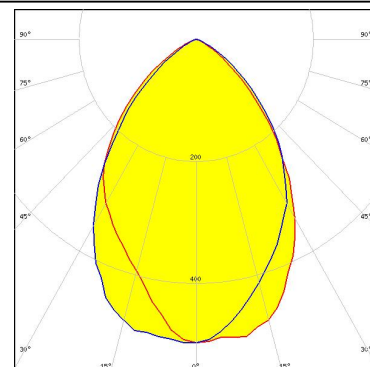
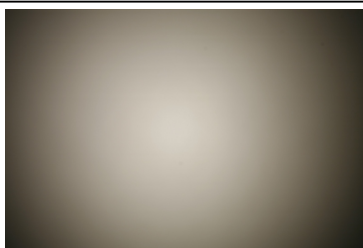
LED XP-E
FWHM 84.0°
Efficiency 77 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 86.0°
Efficiency 72 %
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel ES
FWHM 74.0°
Efficiency 73 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4170S
FWHM 76.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

| | |
|----------------------|-----------|
| LED | SFH 4180S |
| FWHM | 75.0° |
| Efficiency | % |
| LEDs/each optic | 1 |
| Light colour | IR |
| Required components: | |

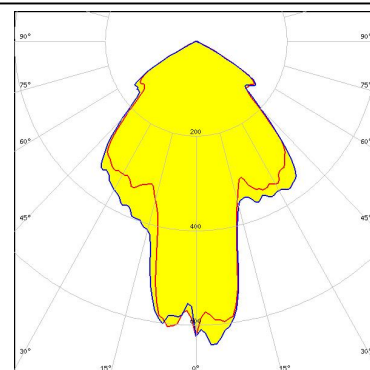
PHOTOMETRIC DATA (SIMULATED):



LED XQ-E HD
FWHM 70.0°
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Synios P2720 1 mm
FWHM 74.0°
Efficiency 87 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 70.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



LED Double Dome (GM2BB)
FWHM 70.0°
Efficiency %
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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