

LISA2-RS-PIN

~19° spot beam. 6.8 mm high variant with location pin installation.

SPECIFICATION:

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

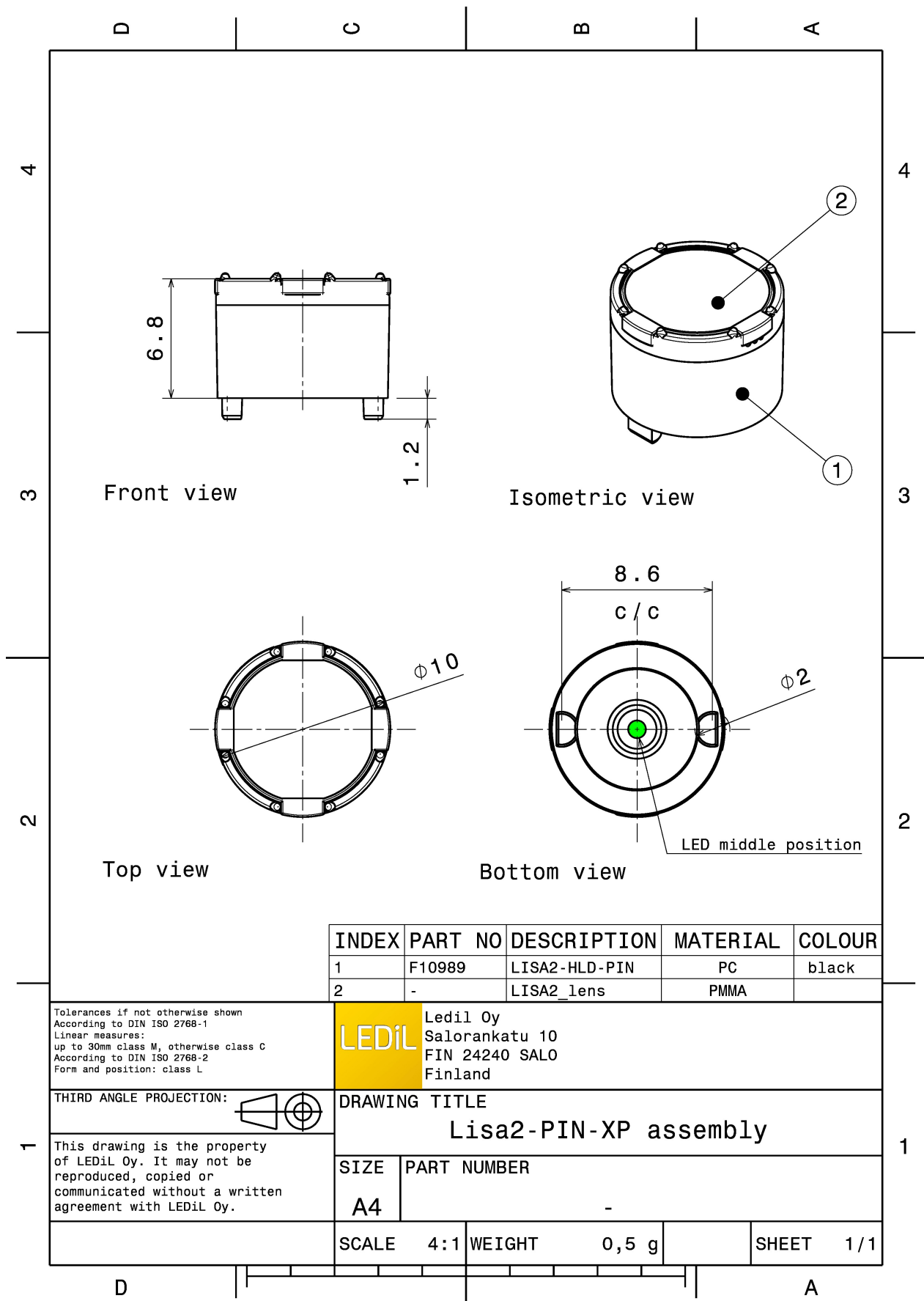


MATERIALS:

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

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------------------|-------------|------------|-----|-----|-----------------|
| FP11055_LISA2-RS-PIN | Single lens | 2000 | 300 | 100 | 1.4 |
| » Box size: 310 x 230 x 60 mm | | | | | |

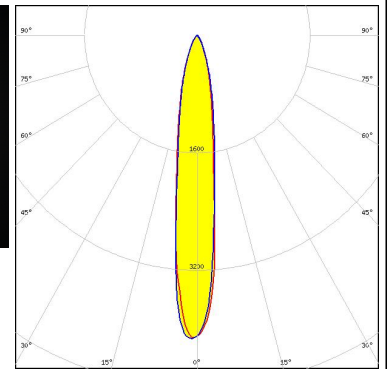
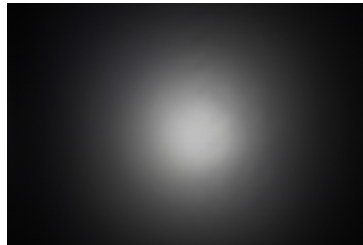


See also our general installation guide: www.ledil.com/installation_guide

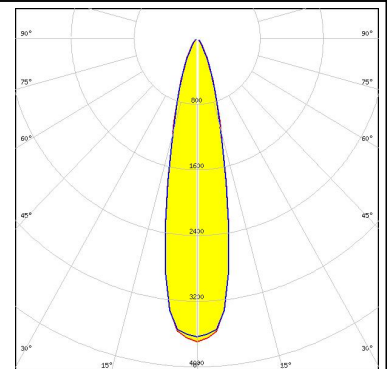
OPTICAL RESULTS (MEASURED):



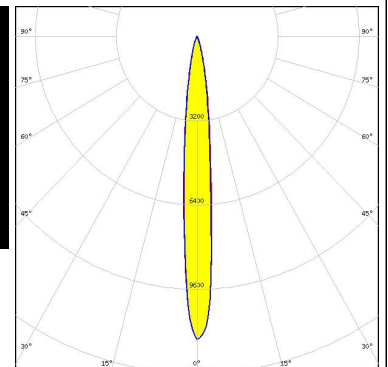
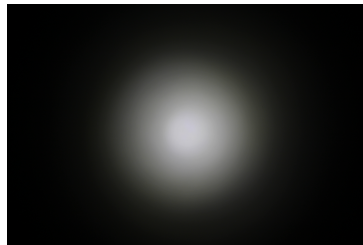
LED XD16
FWHM / FWTM 15.0° / 42.0°
Efficiency 70 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



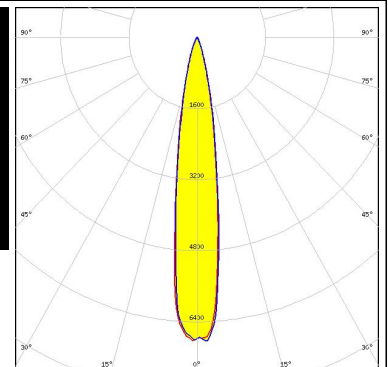
LED XP-G
FWHM / FWTM 24.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM / FWTM 11.0° / 27.0°
Efficiency 86 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



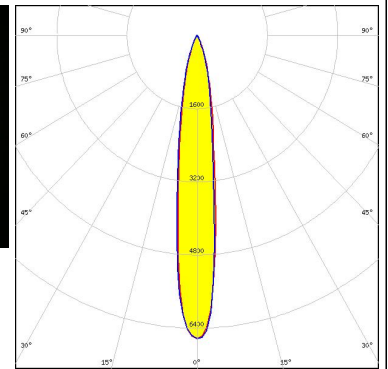
LED LUXEON C
FWHM / FWTM 16.0° / 35.0°
Efficiency 87 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



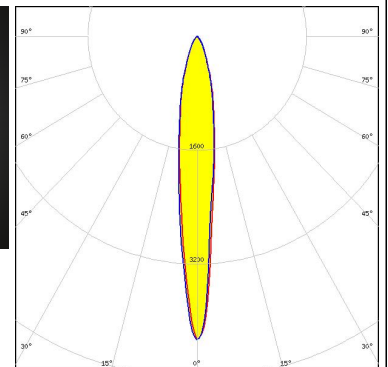
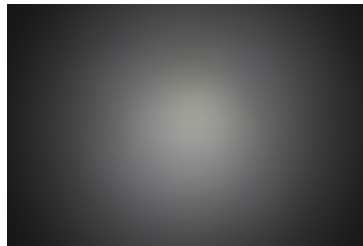
OPTICAL RESULTS (MEASURED):



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:



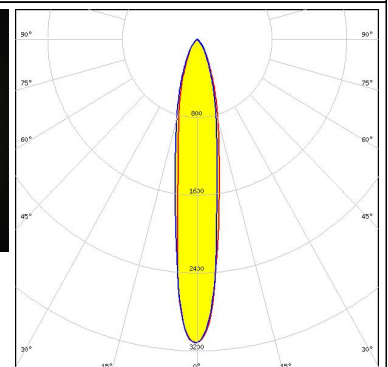
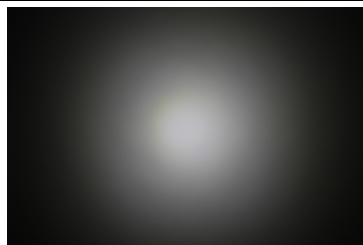
LED NCSxE17A
FWHM / FWTM 13.0° / 43.0°
Efficiency 72 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4180S
FWHM / FWTM 9.0° / 24.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:



LED LH181B
FWHM / FWTM 16.0° / 50.0°
Efficiency 71 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

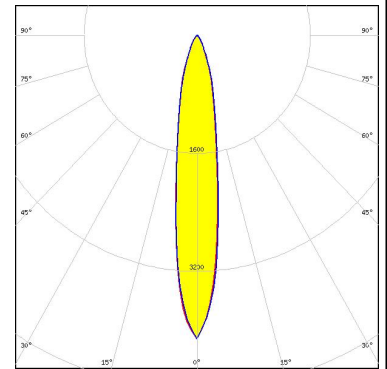
SHARP

| | |
|----------------------|---------------------|
| LED | Double Dome (GM2BB) |
| FWHM / FWTM | 18.0° |
| Efficiency | 90 % |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

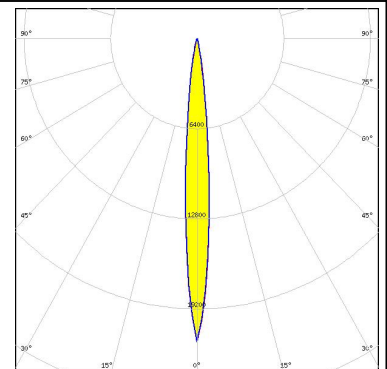
OPTICAL RESULTS (SIMULATED):



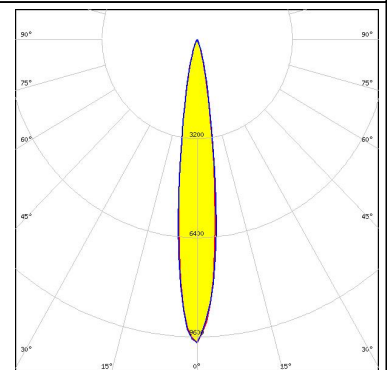
LED CSP 2323 (BXCP)
 FWHM / FWTM 16.0° / 44.0°
 Efficiency 77 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



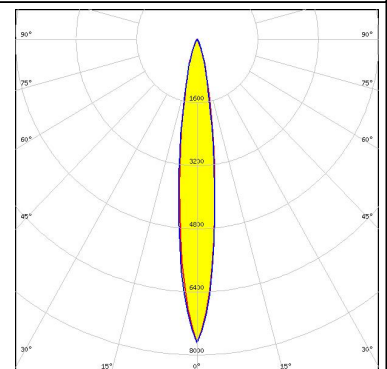
LED XQ-A
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 90 %
 Peak intensity 21.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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 LUXEON IR 2720
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 88 %
 LEDs/each optic 1
 Light colour IR
 Required components:

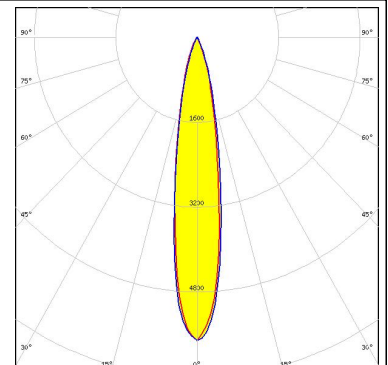
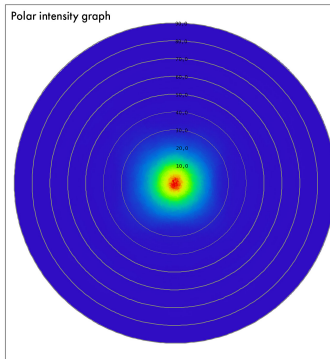


OPTICAL RESULTS (SIMULATED):



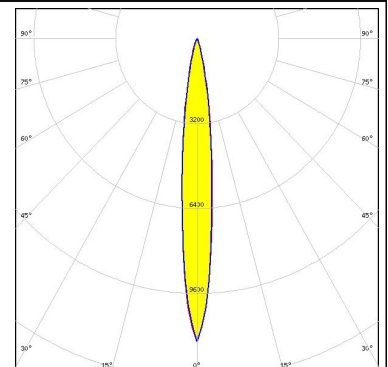
LED SST-10-IR-B90
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour IR
 Required components:

Polar intensity graph



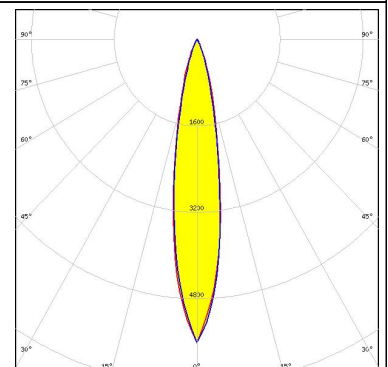
Opto Semiconductors

LED OSLO Black Flat (LUW HWQP)
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 89 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



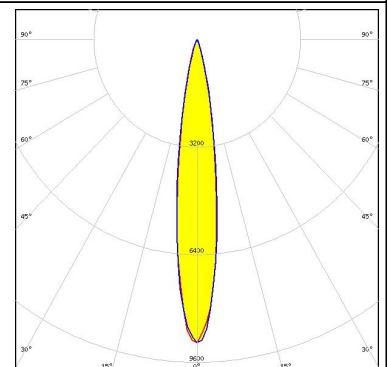
Opto Semiconductors

LED OSLO Square EC
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 90 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Opto Semiconductors

LED OSLO SSL 150
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 92 %
 Peak intensity 9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

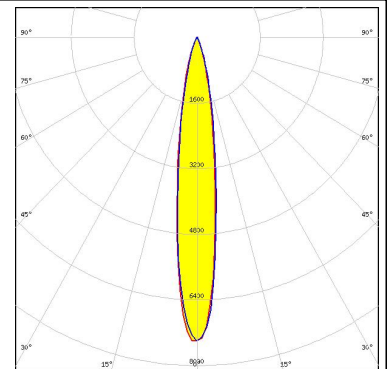


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

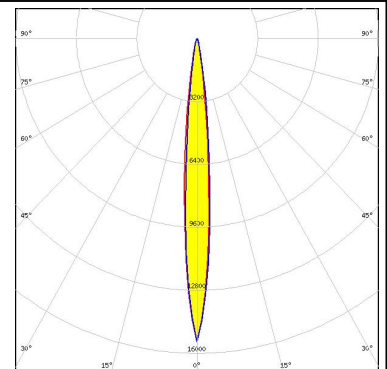
LED OSLON SSL 80
FWHM / FWTM 16.0° / 35.0°
Efficiency 90 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

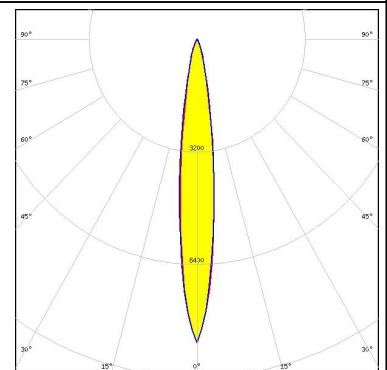
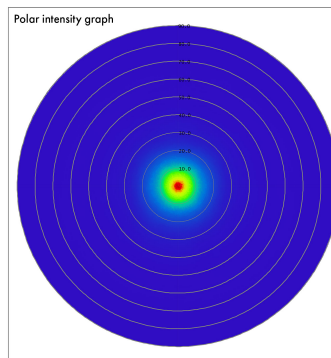
LED SFH 4170S
FWHM / FWTM 10.0° / 22.0°
Efficiency 77 %
LEDs/each optic 1
Light colour IR
Required components:



OSRAM

Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 13.0° / 31.0°
Efficiency 88 %
LEDs/each optic 1
Light colour IR
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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