

LISA-RS

~15° spot beam optimized for Golden Dragon

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 11.0 mm |
| Height | 7.9 mm |
| Fastening | glue |
| ROHS compliant | yes ⓘ |

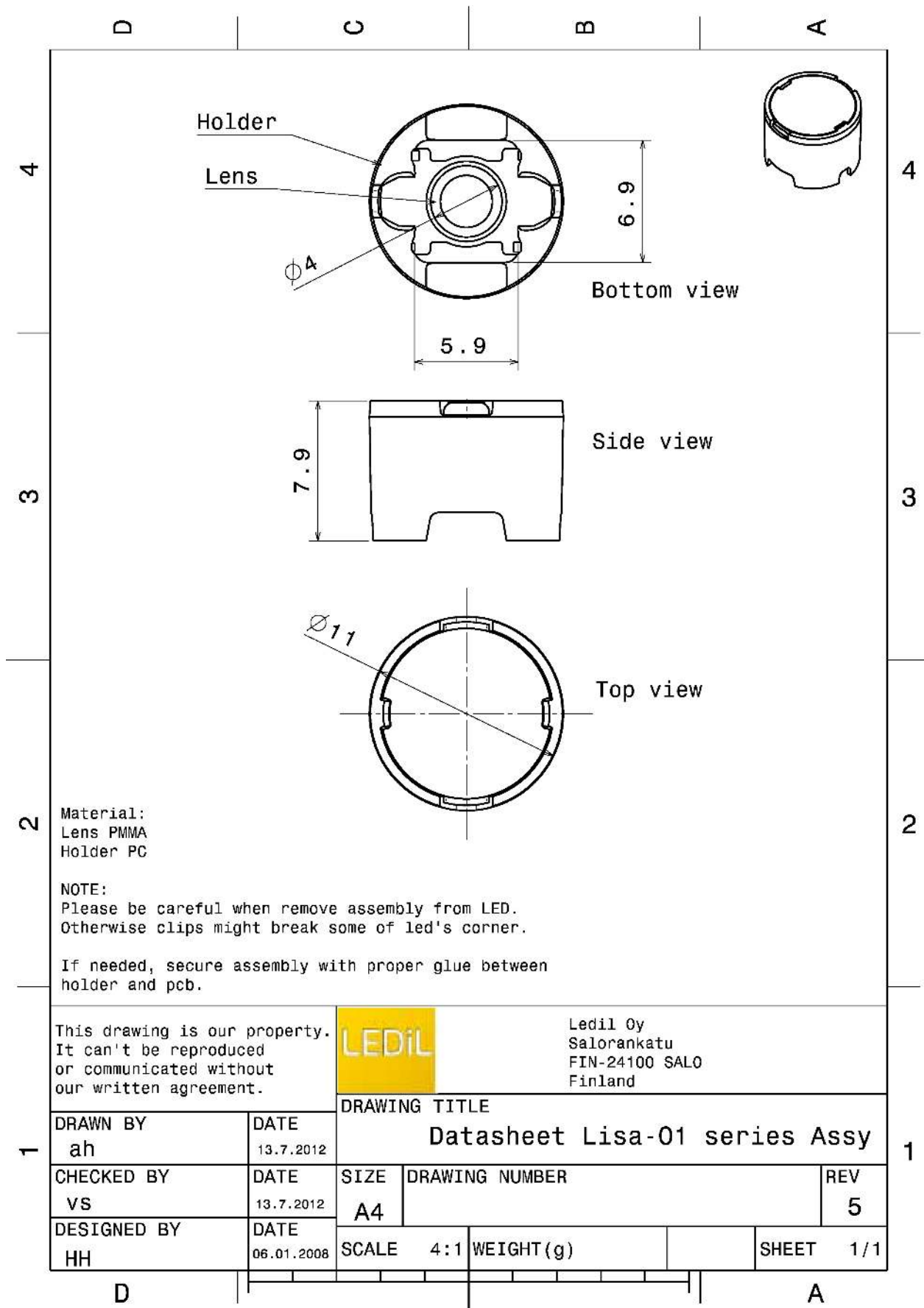
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| LISA-O1-RS | Single lens | PMMA | clear | |
| LISA-O1-HLD | Holder | PC | white | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP11626_LISA-RS | Single lens | 10000 | 300 | 100 | 5.5 |
| » Box size: 254 x 298 x 241 mm | | | | | |





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

OPTICAL RESULTS (MEASURED):

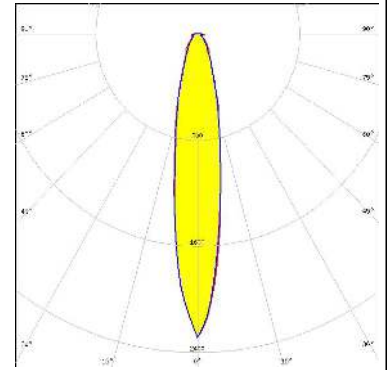
OSRAM
Opto Semiconductors

| | |
|----------------------|---------------|
| LED | Golden Dragon |
| FWHM / FWTM | 12.0° / 31.0° |
| Efficiency | 91 % |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |

OPTICAL RESULTS (SIMULATED):

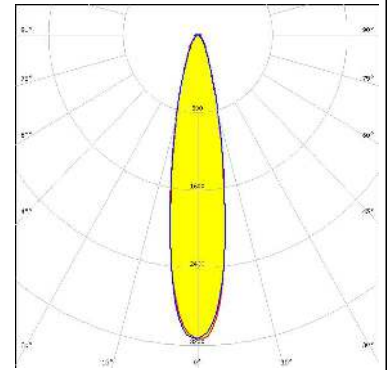
CREE LED

LED XHP35.2 HI
 FWHM / FWTM 18.0° / 53.0°
 Efficiency 76 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



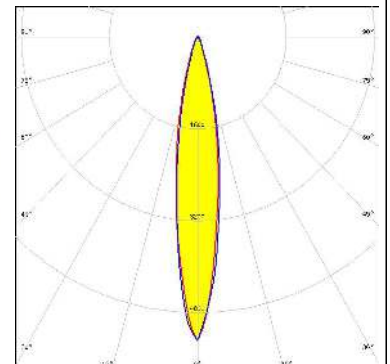
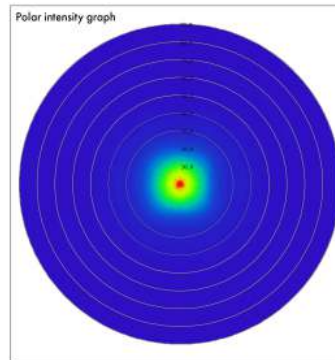
CREE LED

LED XP-G3
 FWHM / FWTM 21.0° / 47.0°
 Efficiency 85 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



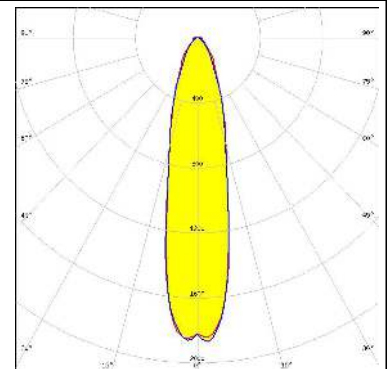
LUMINUS

LED SST-10-IR-B90
 FWHM / FWTM 17.0° / 37.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour IR
 Required components:

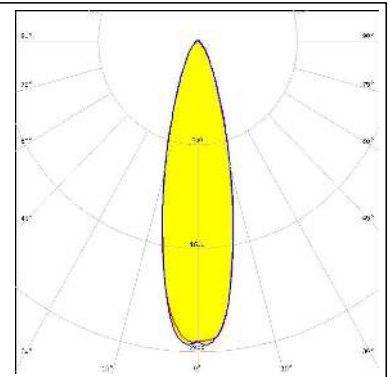
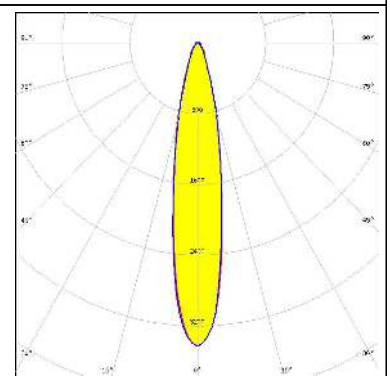
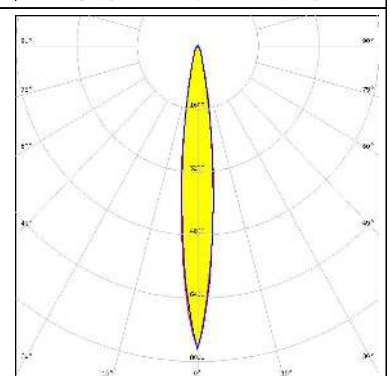
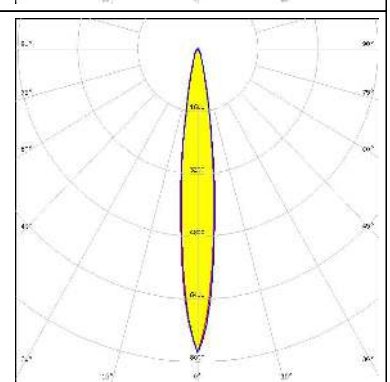


NICHIA

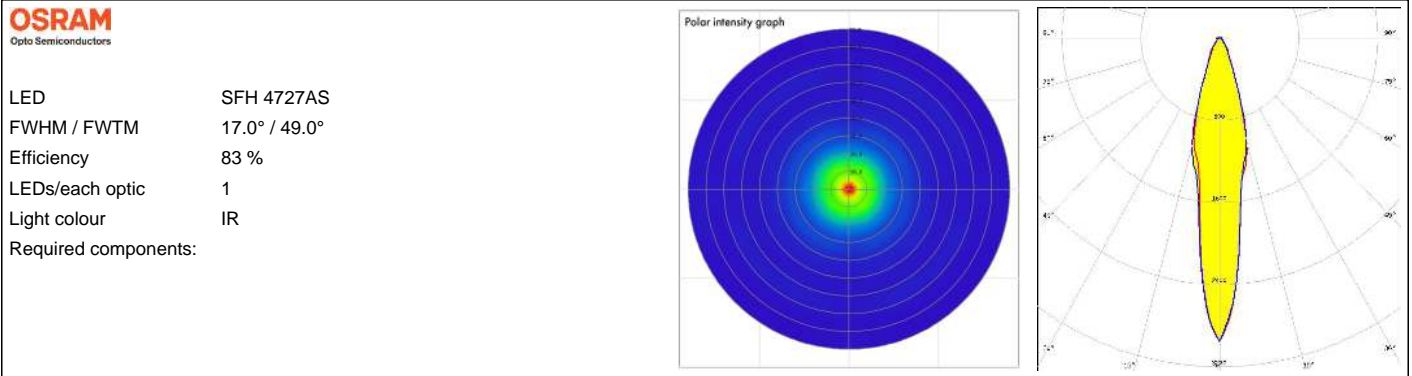
LED NV4WB35AM
 FWHM / FWTM 24.0° / 65.0°
 Efficiency 80 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>NICHIA</p> <p>LED NVSW519A FWHM / FWTM 28.0° / 58.0° Efficiency 85 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 19.0° / 44.0° Efficiency 81 % Peak intensity 3.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 150 FWHM / FWTM 12.0° / 28.0° Efficiency 87 % Peak intensity 7.7 cd/lm LEDs/each optic 1 Light colour Red Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 150 FWHM / FWTM 13.0° / 28.0° Efficiency 87 % Peak intensity 7.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):



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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