

LISA-RS

~15° spot beam optimized for Golden Dragon

SPECIFICATION:

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

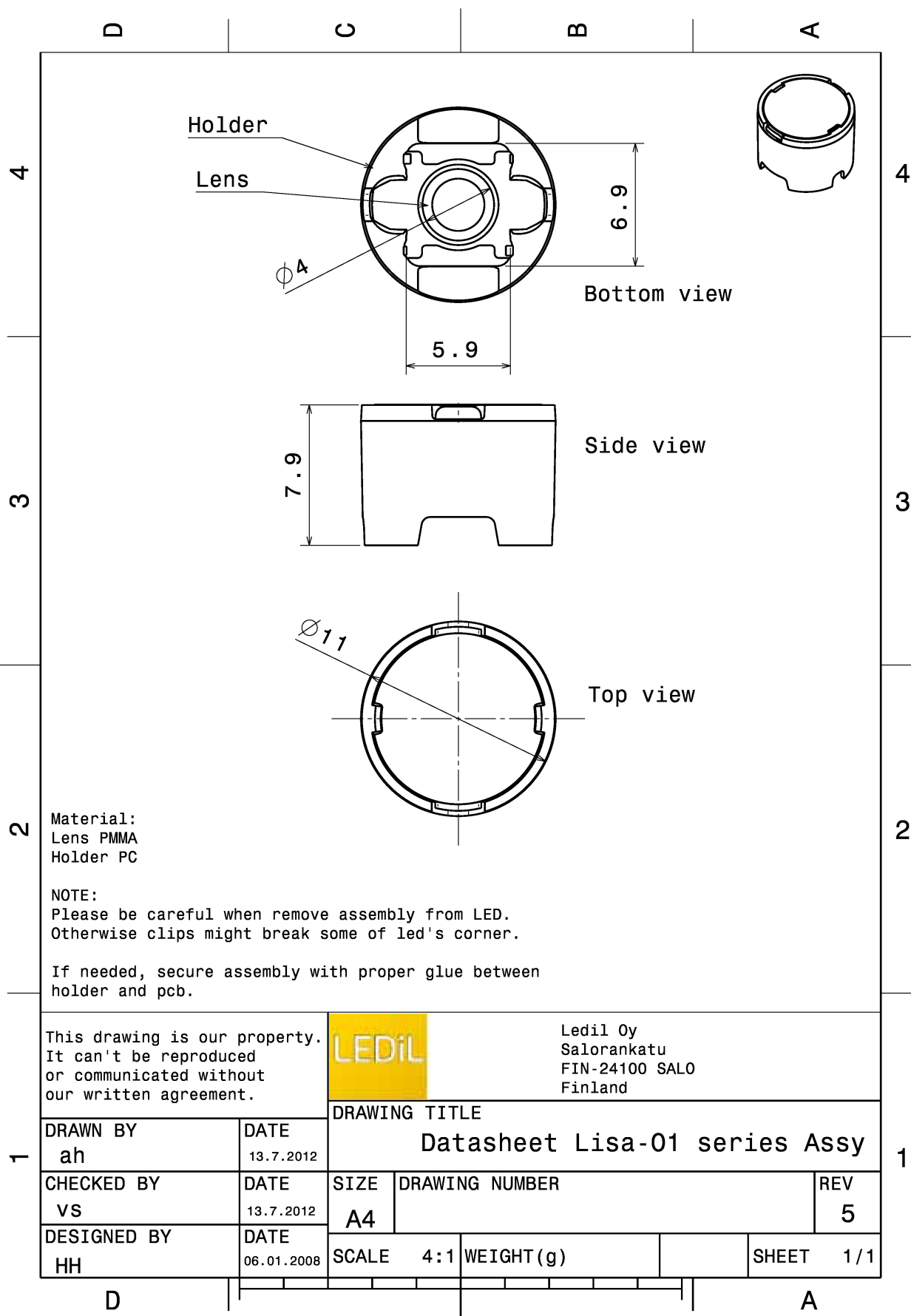
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA-O1-RS	Single lens	PMMA	clear		10.8
LISA-O1-HLD	Holder	PC	white		11.0

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

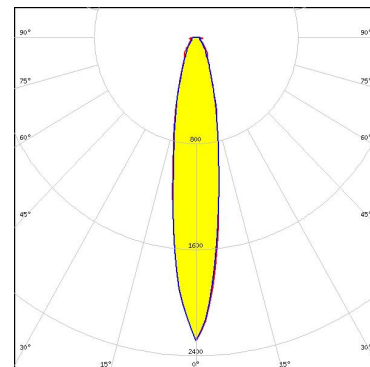
Opto Semiconductors

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

OPTICAL RESULTS (SIMULATED):



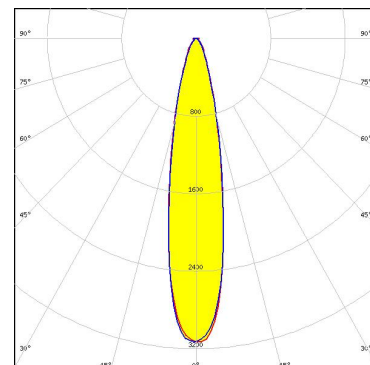
LED XHP35.2 HI
FWHM / FWTM 18.0° / 53.0°
Efficiency 76 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

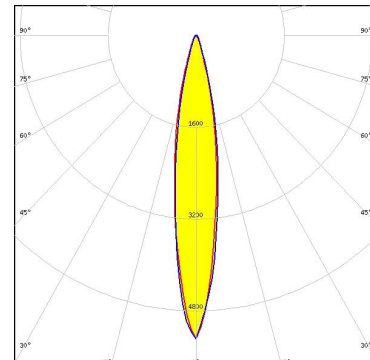
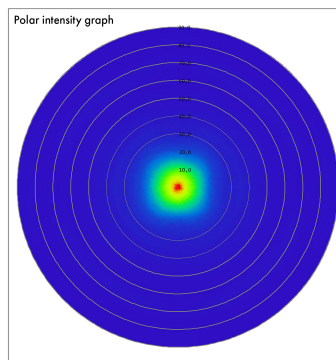


LED SFT-12R-WES
FWHM / FWTM 14.0° / 28.0°
Efficiency 87 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (SIMULATED):



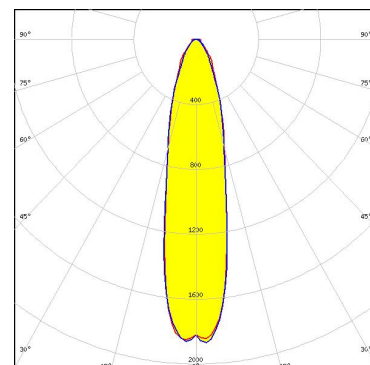
LED SST-10-IR-B90
FWHM / FWTM 17.0° / 37.0°
Efficiency 86 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files



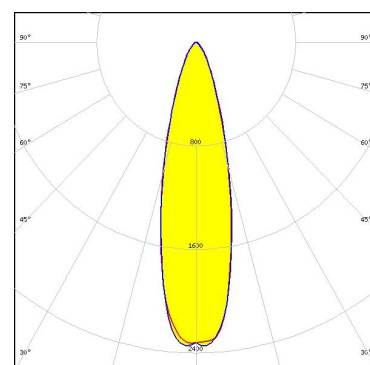
LED NV4WB35AM
FWHM / FWTM 24.0° / 65.0°
Efficiency 80 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW519A
FWHM / FWTM 28.0° / 58.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

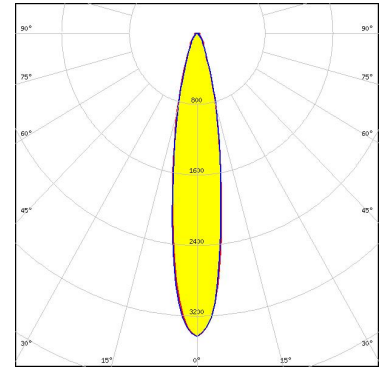


Light distribution files

OPTICAL RESULTS (SIMULATED):



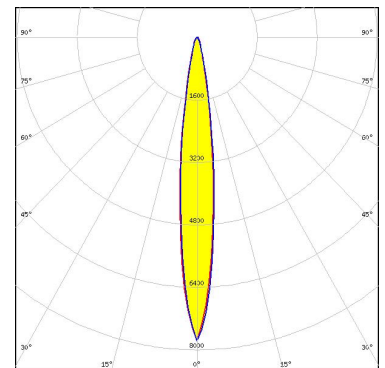
LED NVSxx19B/NVSxx19C
FWHM / FWTM 19.0° / 44.0°
Efficiency 81 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



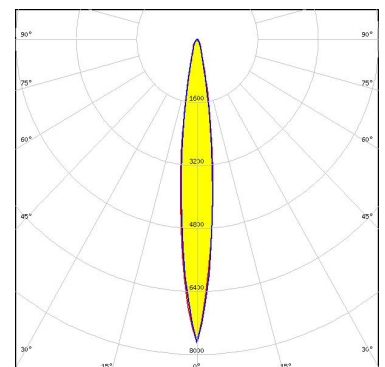
LED OSOLON SSL 150
FWHM / FWTM 13.0° / 28.0°
Efficiency 87 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSOLON SSL 150
FWHM / FWTM 12.0° / 28.0°
Efficiency 87 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

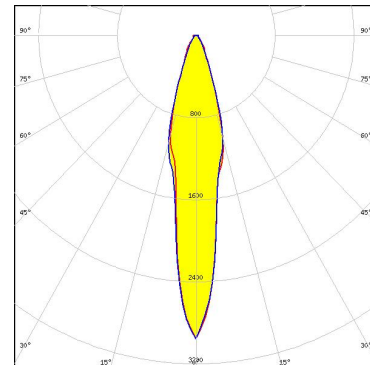
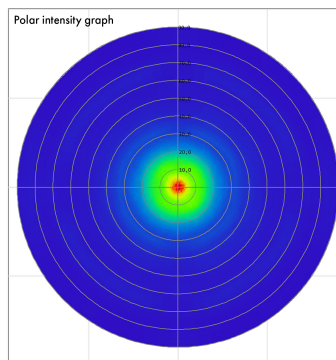


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4727AS
FWHM / FWTM 17.0° / 49.0°
Efficiency 83 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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