

LISA-RS

~15° spot beam optimized for Golden Dragon

SPECIFICATION:

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

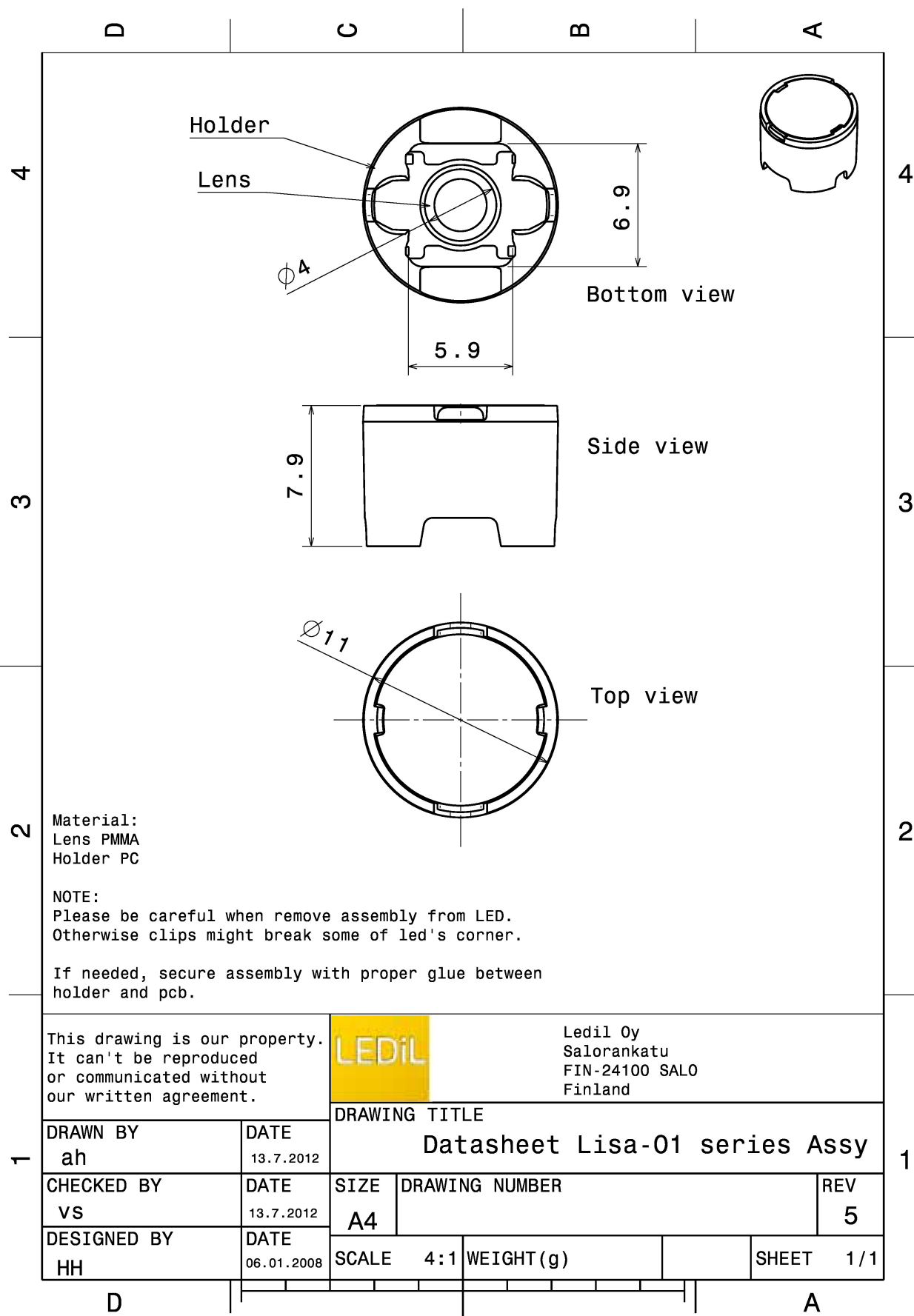
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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):

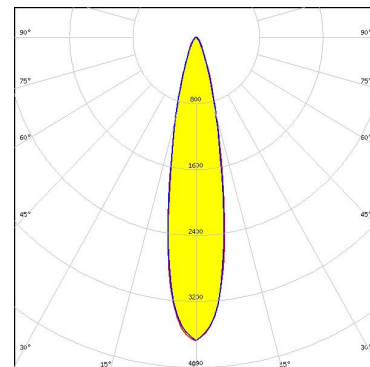
OSRAM
Opto Semiconductors

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

OPTICAL RESULTS (SIMULATED):



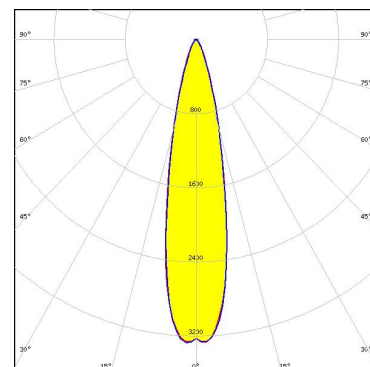
LED Bridgelux SMD 3535 (3A1)
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 88 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



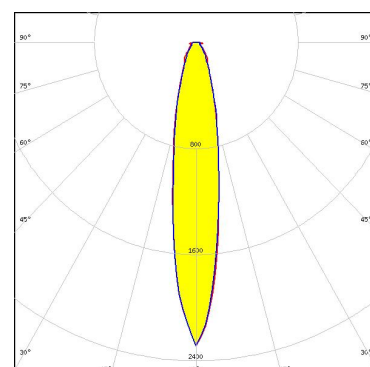
LED Bridgelux SMD 3535 (3B1)
 FWHM / FWTM 22.0° / 45.0°
 Efficiency 78 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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:

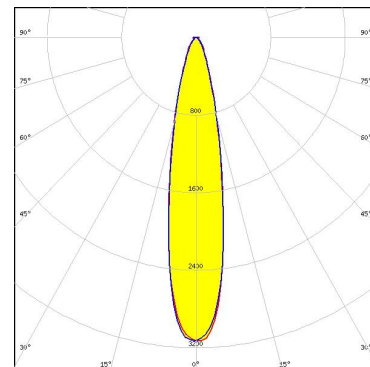


Light distribution files

OPTICAL RESULTS (SIMULATED):



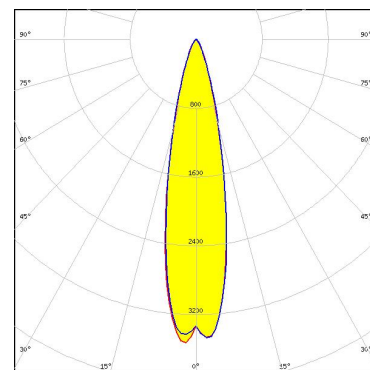
LED XP-G3
 FWHM / FWTM 21.0° / 47.0°
 Efficiency 85 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



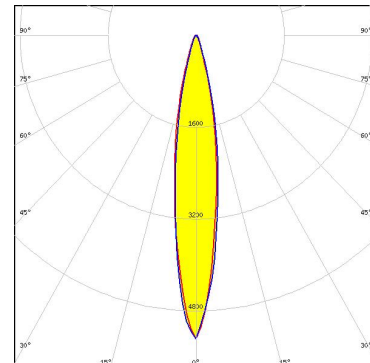
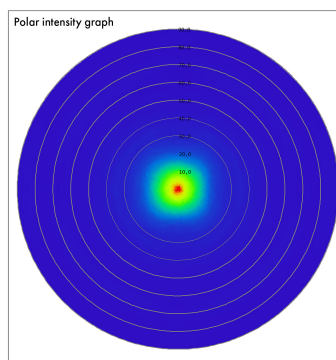
LED LUXEON HL2X-V
 FWHM / FWTM 22.0° / 45.0°
 Efficiency 82 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

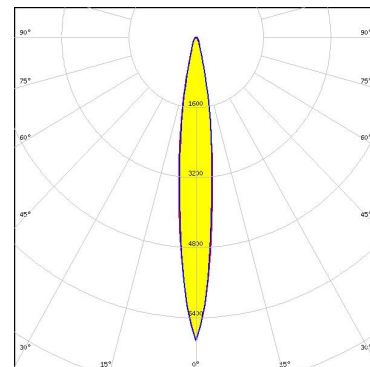


Light distribution files

OPTICAL RESULTS (SIMULATED):



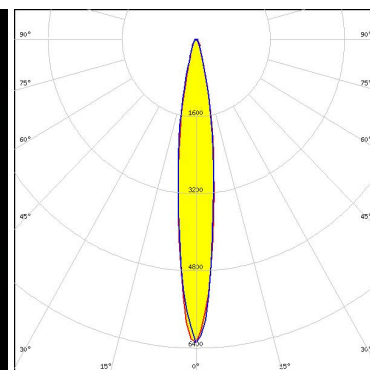
LED SST-12 Gen1
 FWHM / FWTM 13.0° / 30.0°
 Efficiency 85 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



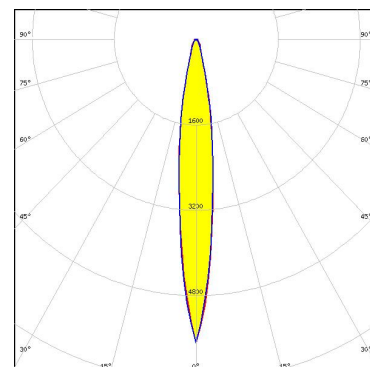
LED SST-12 Gen2
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 86 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED SST-20 Gen1
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 83 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

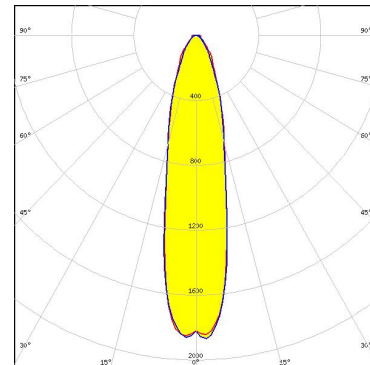


Light distribution files

OPTICAL RESULTS (SIMULATED):



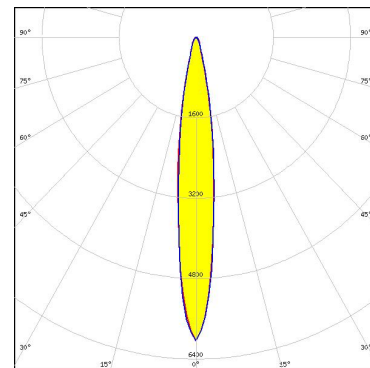
LED NV4WB35AM
FWHM / FWTM 24.0° / 65.0°
Efficiency 80 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



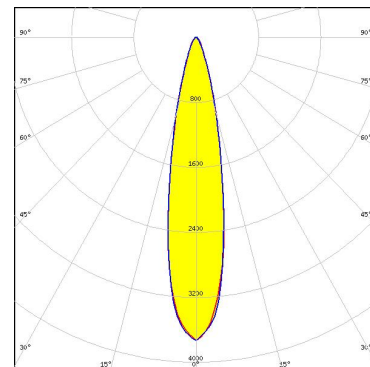
LED NVSW219C-V2
FWHM / FWTM 14.0° / 32.0°
Efficiency 85 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW219F
FWHM / FWTM 22.0° / 44.0°
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

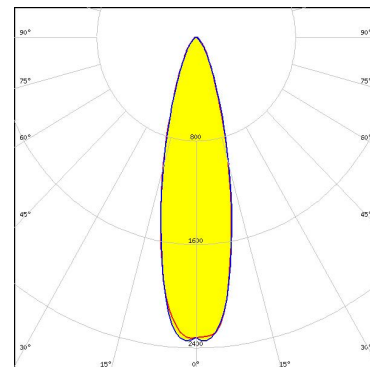


Light distribution files

OPTICAL RESULTS (SIMULATED):



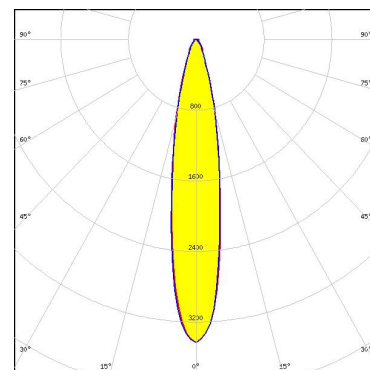
LED NVSW519A
FWHM / FWTM 28.0° / 58.0°
Efficiency 85 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



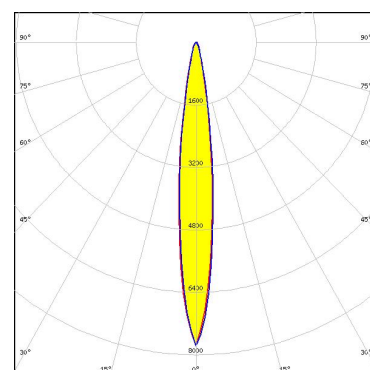
LED NVSxx19B/NVSxx19C
FWHM / FWTM 19.0° / 44.0°
Efficiency 81 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLOM 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:

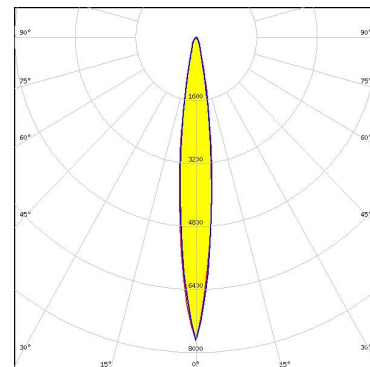


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

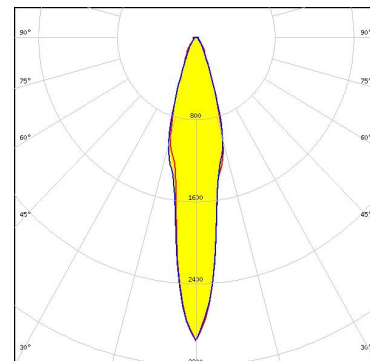
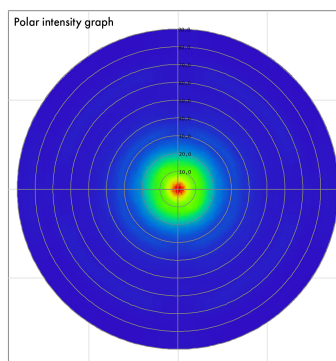
LED OSLON SSL 150
FWHM / FWTM 12.0° / 28.0°
Efficiency 87 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files

OSRAM
Opto Semiconductors

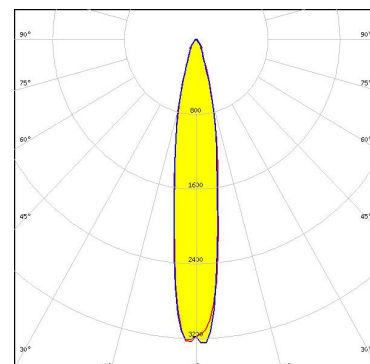
LED SFH 4727AS
FWHM / FWTM 17.0° / 49.0°
Efficiency 83 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

SAMSUNG

LED LH351C
FWHM / FWTM 18.0° / 40.0°
Efficiency 64 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
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:

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