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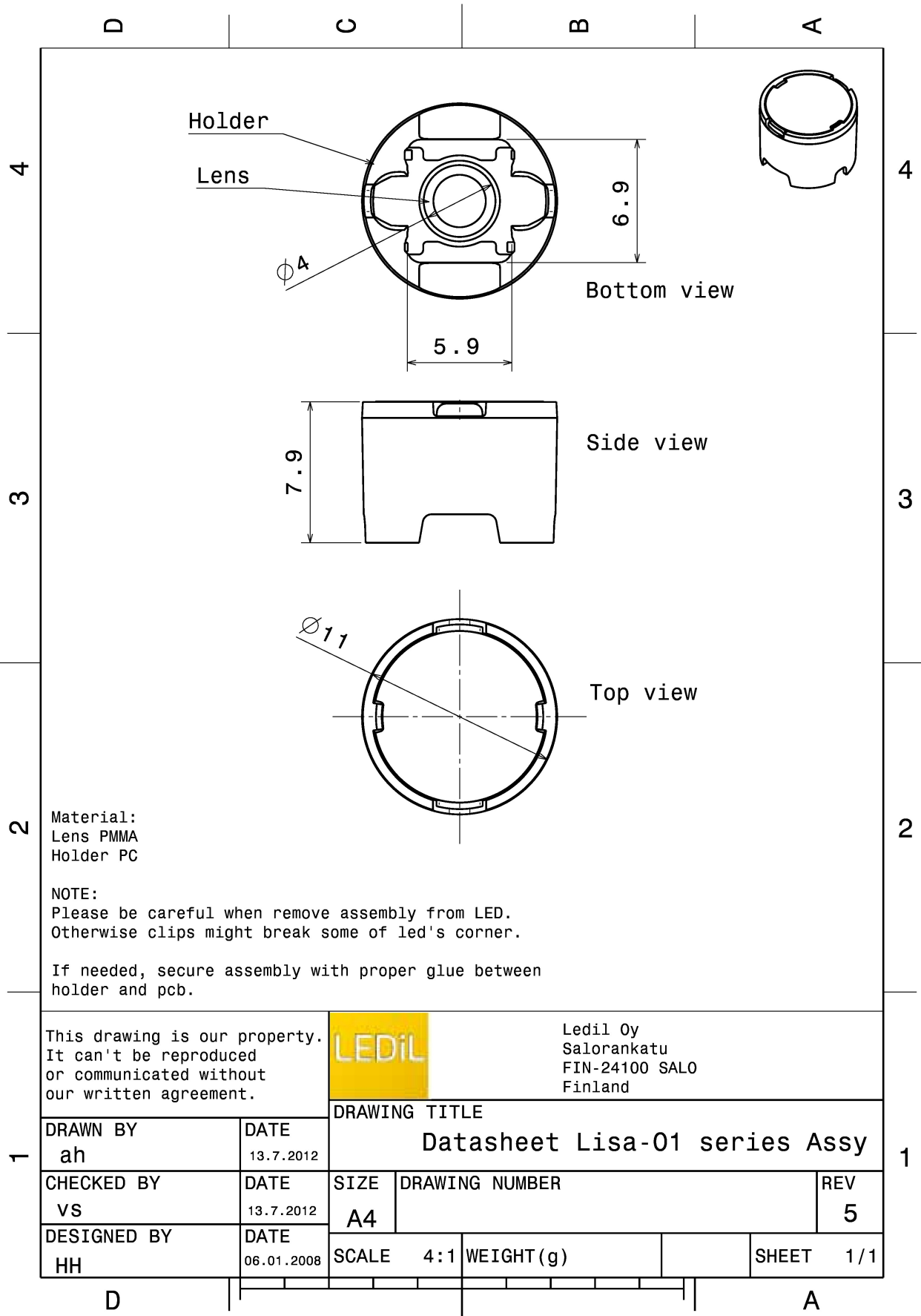
Component	Type	Material	Colour	Finish
LISA-O1-RS	Single lens	PMMA	clear	
LISA-O1-HLD	Holder	PC	white	

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					

Holder

Lens

⌀4

6.9

5.9

Bottom view

7.9

Side view

⌀11

Top view

Material:
Lens PMMA
Holder PC

NOTE:
Please be careful when remove assembly from LED.
Otherwise clips might break some of led's corner.

If needed, secure assembly with proper glue between
holder and pcb.

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our written agreement.

LEDiL

Ledil Oy
Salorankatu
FIN-24100 SALO
Finland

DRAWING TITLE
Datasheet Lisa-01 series Assy

DRAWN BY ah	DATE 13.7.2012			
CHECKED BY vs	DATE 13.7.2012	SIZE A4	DRAWING NUMBER	REV 5
DESIGNED BY HH	DATE 06.01.2008	SCALE 4:1	WEIGHT(g)	SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

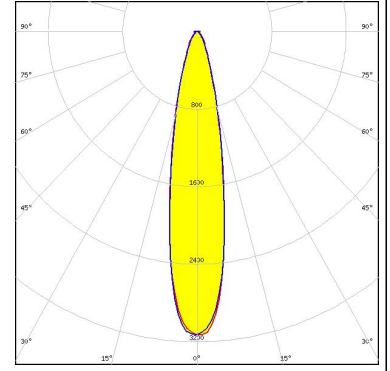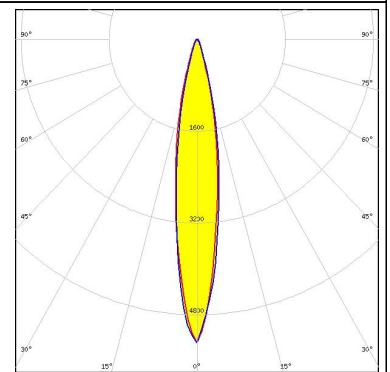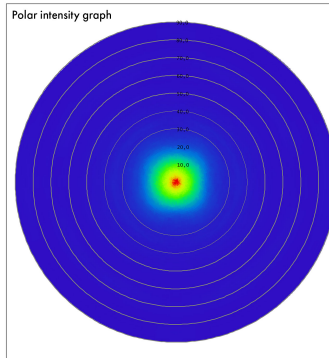|	
LED	Golden Dragon
FWHM / FWTM	12.0° / 31.0°
Efficiency	91 %
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

CREE LEDs

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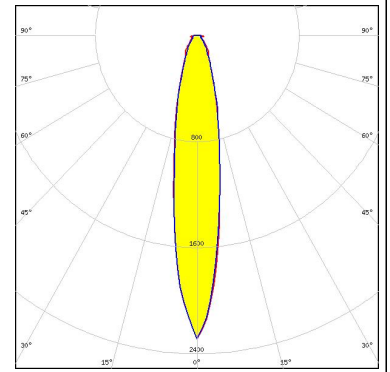
LED	XP-G3
FWHM / FWTM	21.0° / 47.0°
Efficiency	85 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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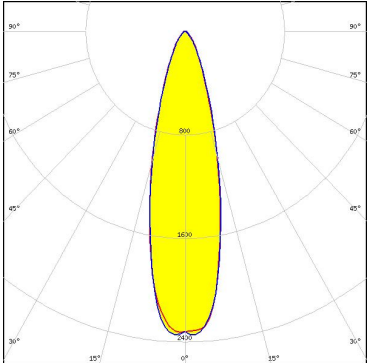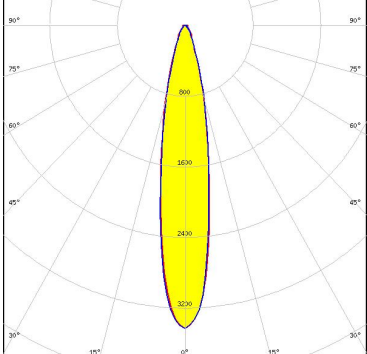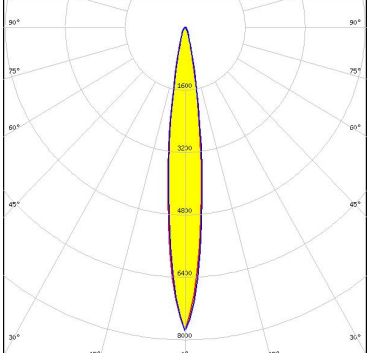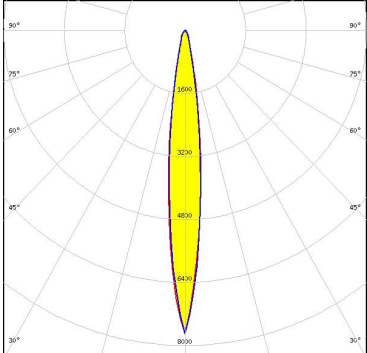
LED	SST-10-IR-B90
FWHM / FWTM	17.0° / 37.0°
Efficiency	86 %
LEDs/each optic	1
Light colour	IR
Required components:	

Polar intensity graph

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):

NICHIA

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:	

NICHIA

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:	

OSRAM
Opto Semiconductors

LED	OSLON 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:	

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	Red
Required components:	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

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

Polar intensity graph