

LISA2-RS-CLIP

~19° spot beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

SPECIFICATION:

Dimensions	Ø 9.9
Height	6.8 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

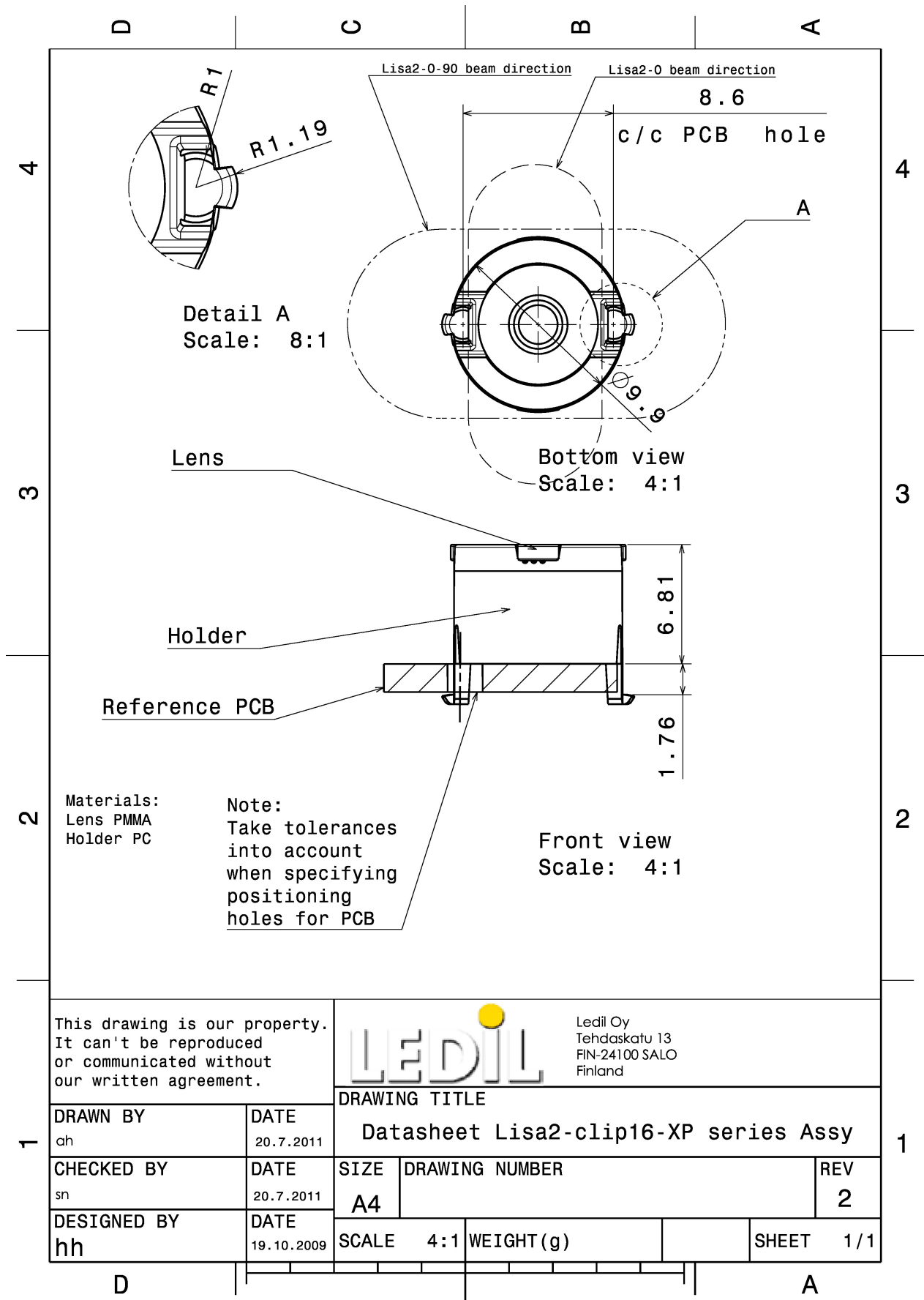


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA2-RS	Single lens	PMMA	clear		
LISA2-HLD-CLIP16-XP	Holder	PC	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11085_LISA2-RS-CLIP	Single lens	2000	300	100	1.4
» Box size:					



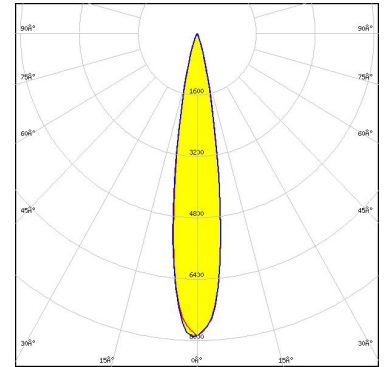
This drawing is our property. It can't be reproduced or communicated without our written agreement.				Ledil Oy Tehdaskatu 13 FIN-24100 SALO Finland	
DRAWN BY ch		DATE 20.7.2011		DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy	
CHECKED BY sn		DATE 20.7.2011		SIZE A4	DRAWING NUMBER
DESIGNED BY hh		DATE 19.10.2009		SCALE 4:1	WEIGHT (g)
				SHEET	1/1

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

OPTICAL RESULTS (MEASURED):



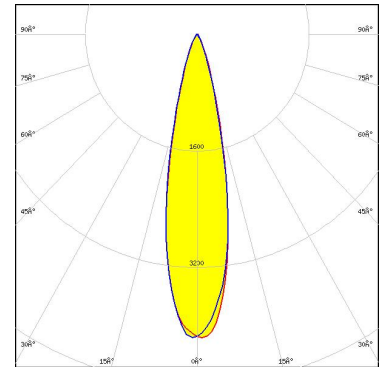
LED XP-E
 FWHM / FWTM 16.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



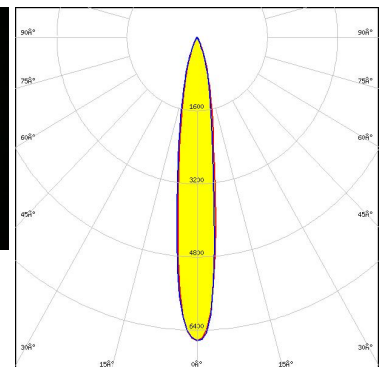
LED XP-G
 FWHM / FWTM 26.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON Z ES
 FWHM / FWTM 15.0° / 38.0°
 Efficiency 84 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 10.0° / 27.0°
Efficiency %
LEDs/each optic 1
Light colour/type IR
Required components:

[Light distribution files](#)

OSRAM
Opto Semiconductors

LED SFH 4180S
FWHM / FWTM 9.0° / 31.0°
Efficiency %
LEDs/each optic 1
Light colour/type IR
Required components:

[Light distribution files](#)

SHARP

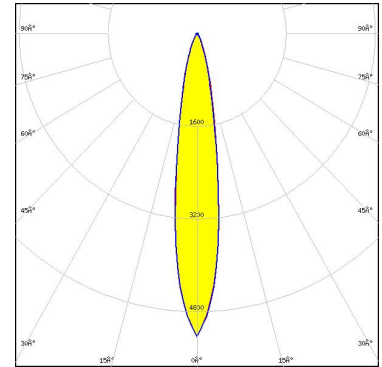
LED Double Dome (GM2BB)
FWHM / FWTM 18.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



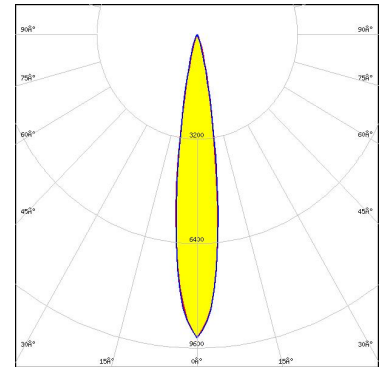
LED XD16
FWHM / FWTM 16.0° / 39.0°
Efficiency 81 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



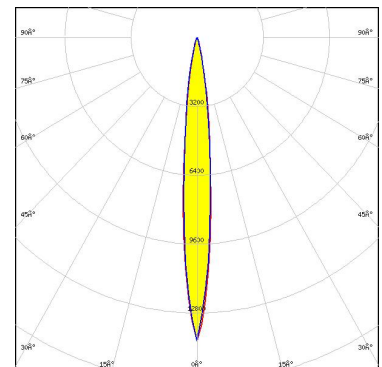
LED XQ-E HD
FWHM / FWTM 16.0° / 30.0°
Efficiency 91 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XQ-E HI
FWHM / FWTM 11.0° / 25.0°
Efficiency 86 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

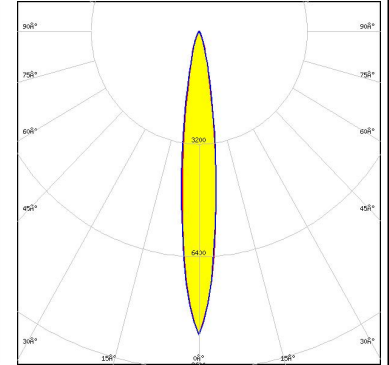
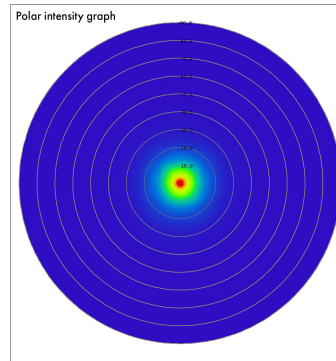


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 13.0° / 31.0°
Efficiency 89 %
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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