

## LISA2-O-CLIP

~45° x 20° oval beam optimized for LUXEON Rebel. 6.6 mm high variant with clip installation.

### SPECIFICATION:

Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

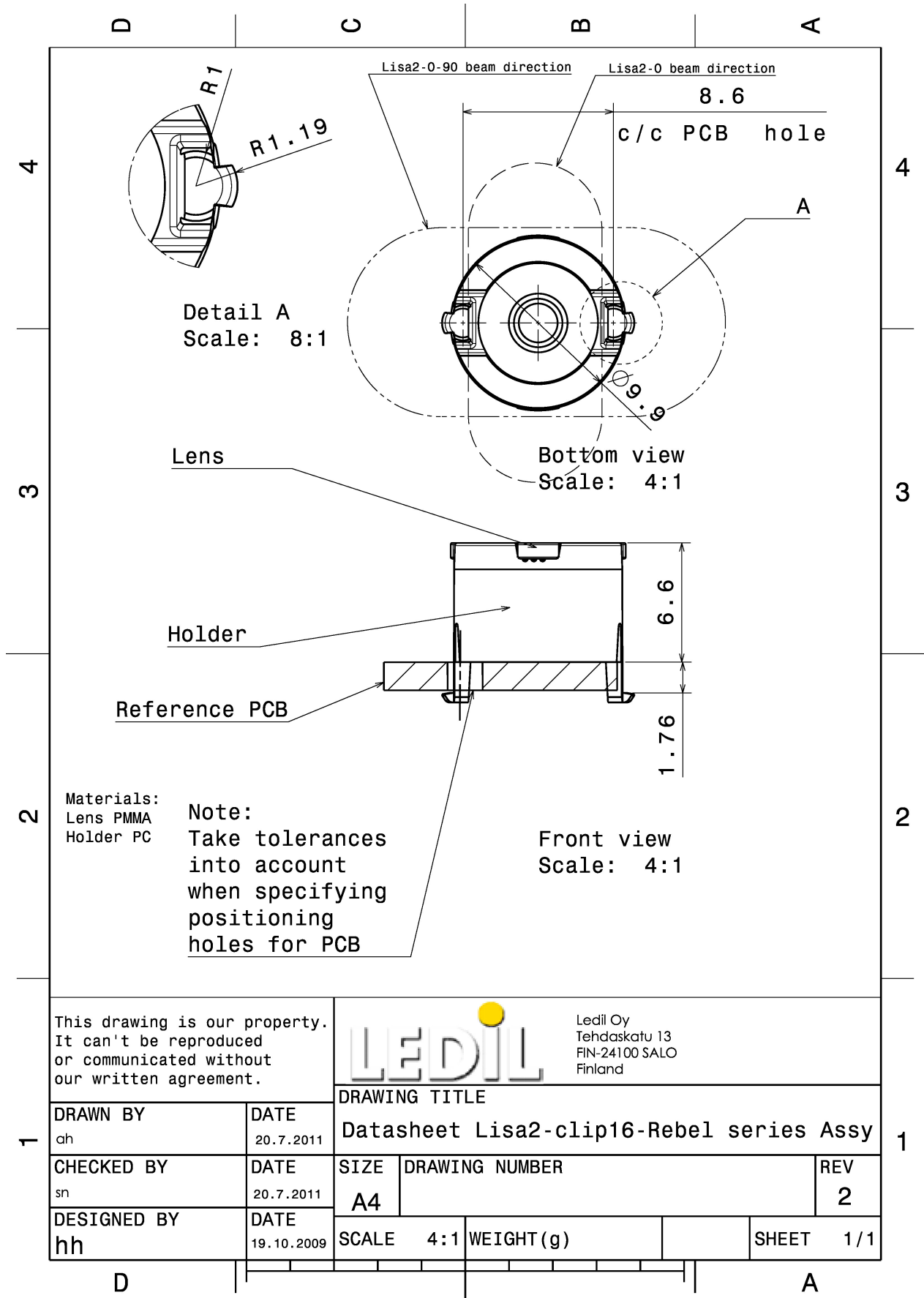


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA2-O-XP	Single lens	PMMA	clear		9.9
LISA2-HLD-CLIP16-RE	Holder	PC	black		9.9

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11122_LISA2-O-CLIP	Single lens	2000	300	100	1.4
» Box size:					



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**DRAWING TITLE**

Datasheet Lisa2-clip16-Rebel series Assy

**DRAWN BY**  
ch  
**DATE**  
20.7.2011

**CHECKED BY**  
sn  
**DATE**  
20.7.2011

**DESIGNED BY**  
hh  
**DATE**  
19.10.2009

<b>SIZE</b> A4	<b>DRAWING NUMBER</b>	<b>REV</b> 2
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<b>SCALE</b> 4:1	<b>WEIGHT (g)</b>	<b>SHEET</b> 1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

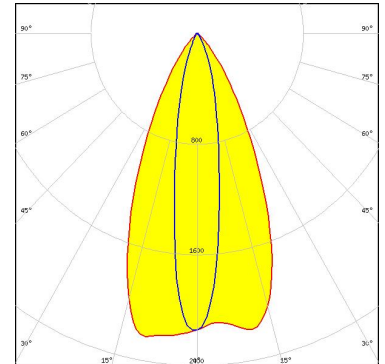


LED LUXEON A  
FWHM / FWTM 44.0 + 23.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



LED LUXEON Rebel  
FWHM / FWTM 48.0 + 19.0°  
Efficiency 83 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel ES  
FWHM / FWTM 44.0 + 23.0°  
Efficiency 81 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

### OPTICAL RESULTS (MEASURED):

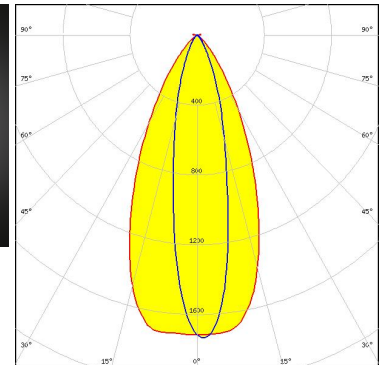
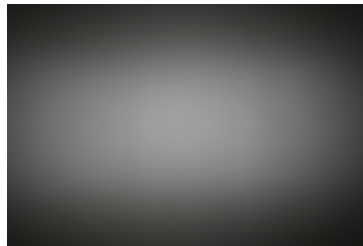


LED NCSxx19A  
FWHM / FWTM 20.0 + 48.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



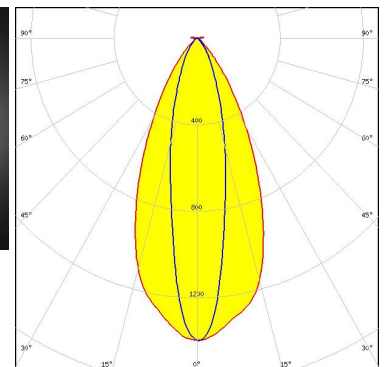
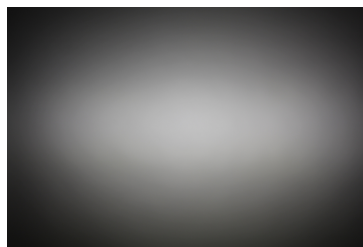
LED OSLOM Square PC  
FWHM / FWTM 48.0 + 21.0° / 82.0 + 52.0°  
Efficiency 75 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LH181A  
FWHM / FWTM 48.0 + 22.0° / 82.0 + 58.0°  
Efficiency 64 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

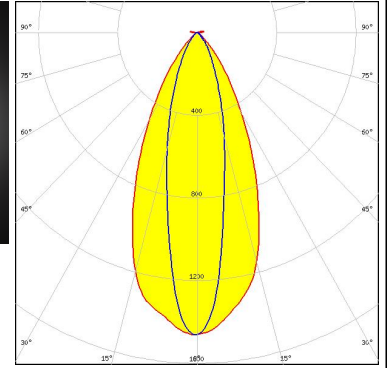
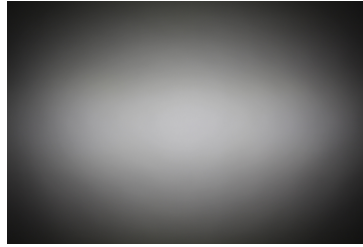


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

LED LH181B  
FWHM / FWTM 48.0 + 23.0° / 83.0 + 60.0°  
Efficiency 69 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

## OPTICAL RESULTS (SIMULATED):



LED	NVSxx19A
FWHM / FWTM	20.0 + 48.0°
Efficiency	%
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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