

## LISA2-M-CLIP

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

### TECHNICAL SPECIFICATIONS:

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

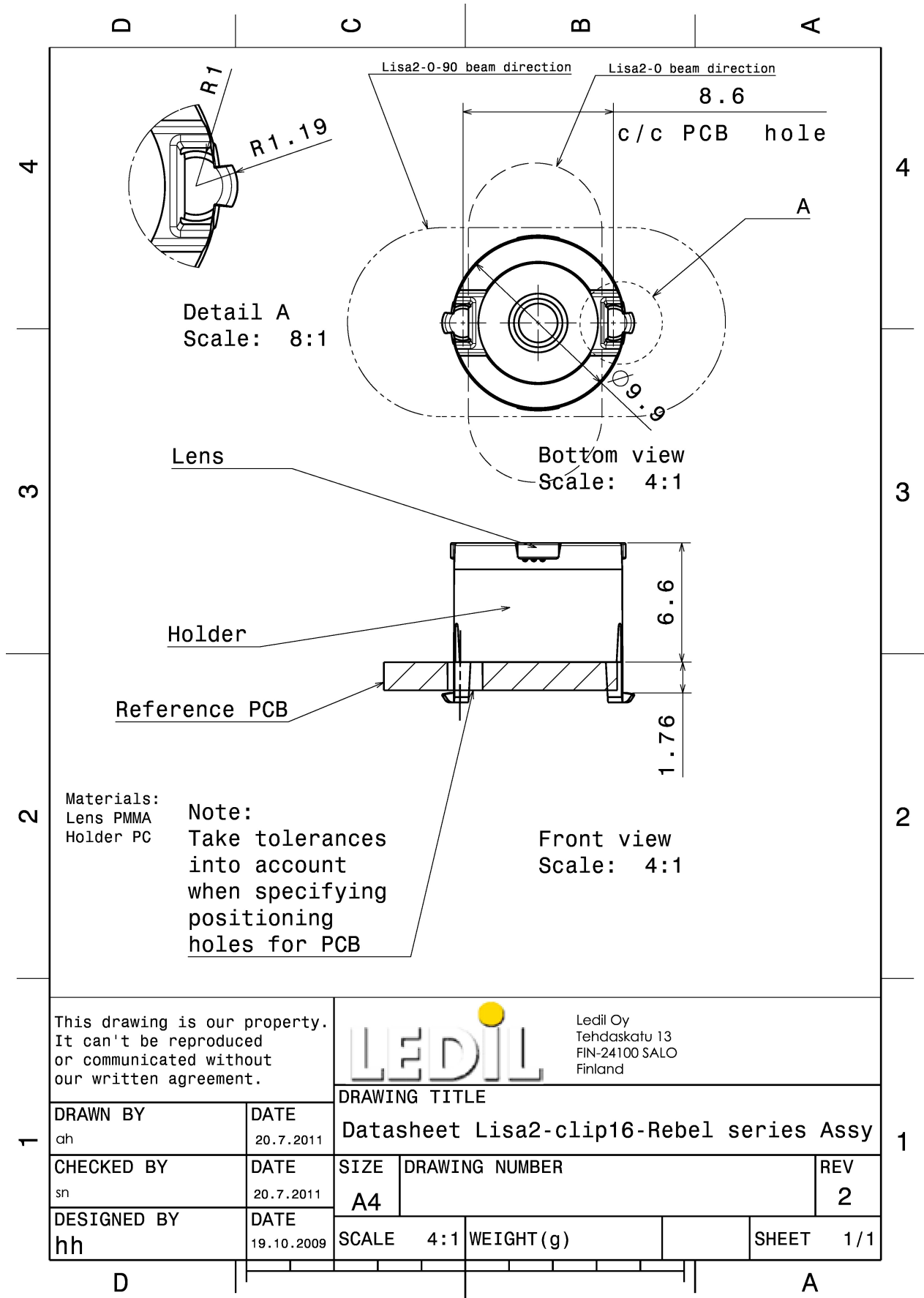


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-M	Single lens	PMMA	clear	
LISA2-HLD-CLIP16-RE	Holder	PC	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FP11072_LISA2-M-CLIP	Single lens	2000	300	100	1.4
» Box size:					

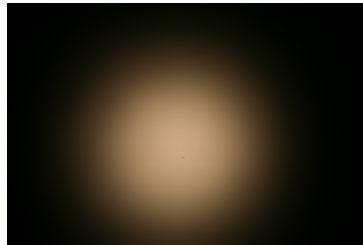


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

LED LUXEON A  
FWHM / FWTM 32.0° / 58.0°  
Efficiency 91 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

LED LUXEON Rebel  
FWHM / FWTM 25.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

LED LUXEON Rebel ES  
FWHM / FWTM 35.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:

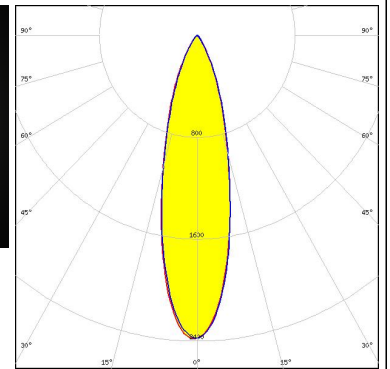
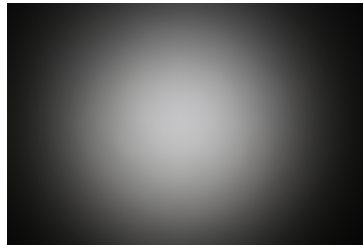
##### NICHIA

LED NCSxx19A  
FWHM / FWTM 26.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

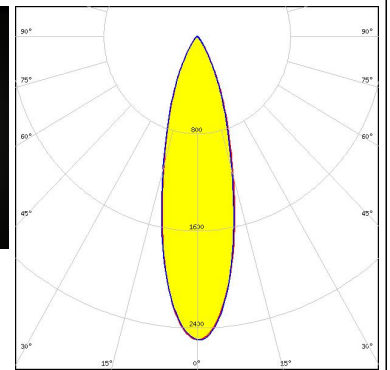
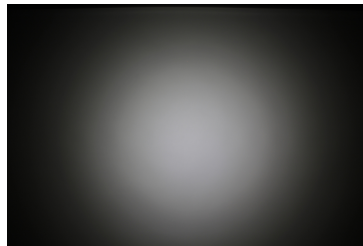
### SAMSUNG

LED LH181A  
 FWHM / FWTM 27.0° / 57.0°  
 Efficiency 75 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





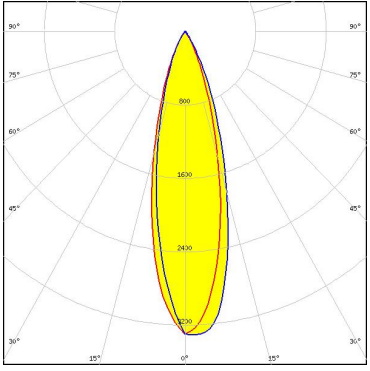
### SAMSUNG

LED LH181B  
 FWHM / FWTM 28.0° / 59.0°  
 Efficiency 83 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

	
LED	NVSxx19A
FWHM / FWTM	28.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
	
LED	SFH 4770S
FWHM / FWTM	27.0° / 54.0°
Efficiency	94 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### 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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