

## LISA2-WWW-CLIP

~80° wide beam optimized for LUXEON Rebel.  
6.6 mm high variant with clip installation.

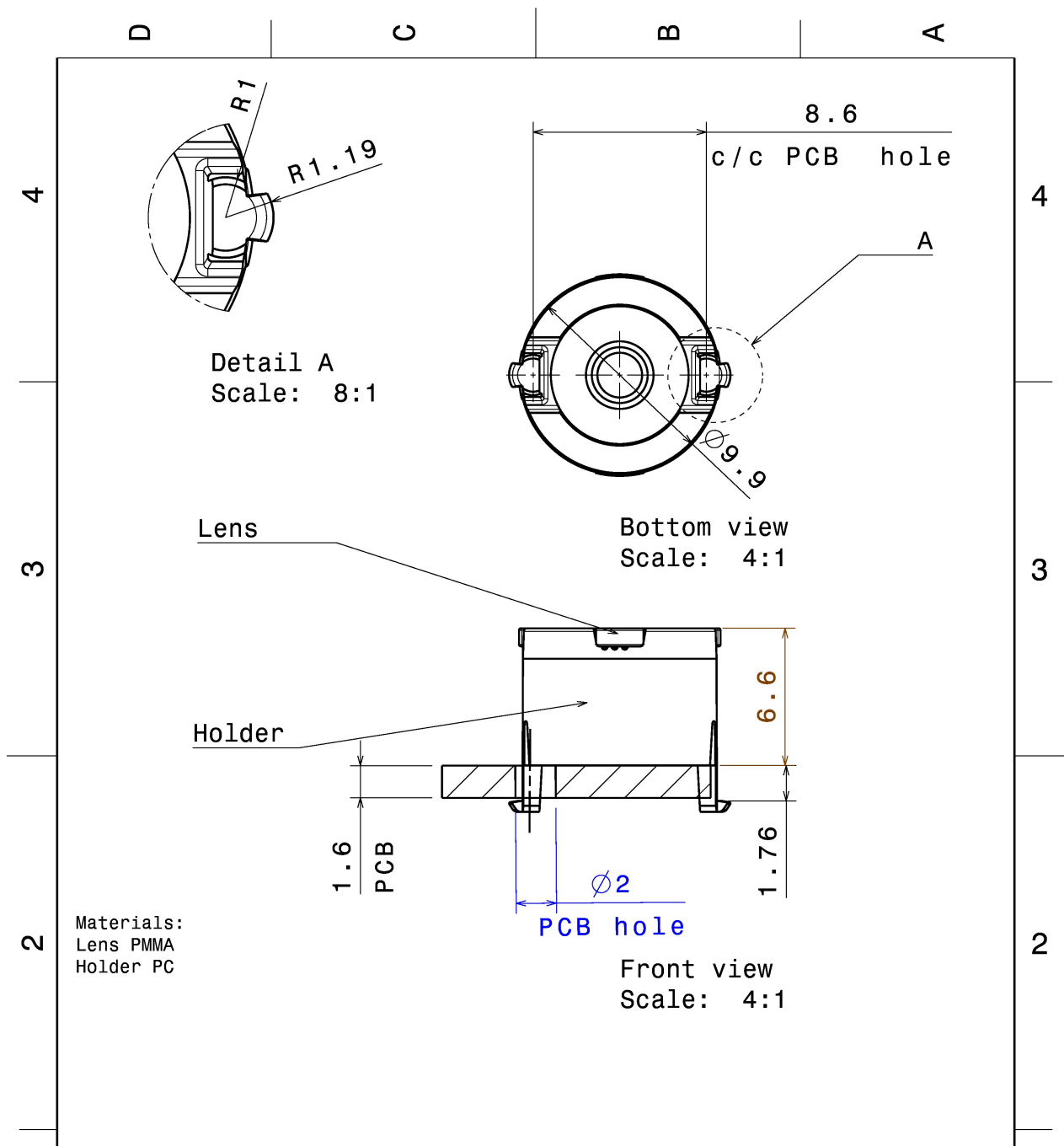
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-WWW	Lens	PMMA	clear
LISA2-HLD-CLIP16-RE	Holder	PC	black



Materials:  
Lens PMMA  
Holder PC

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L T F F e e i n n d  
LEDiL

DRAWN BY a		DATE 20.7.2011		DRAWING TITLE Datasheet Lisa2-clip16-Rebel series Assy			
CHECKED BY s n		DATE 20.7.2011		SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY hh		DATE 19.10.2009		SCALE 4:1	WEIGHT (g)	SHEET 1/1	

## PHOTOMETRIC DATA (MEASURED):

### LUMILEDS

LED LUXEON Rebel  
FWHM 80.0°  
Efficiency 79 %  
Peak intensity cd/lm  
Required components:

### NICHIA

LED NCSxx19A  
FWHM 76.0°  
Efficiency 79 %  
Peak intensity 0.470 cd/lm  
Required components:

### NICHIA

LED NVSxx19A  
FWHM 80.0°  
Efficiency 79 %  
Peak intensity 0.420 cd/lm  
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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