

## LISA2-W-CLIP

~35° wide beam optimized for CREE XP-E. 6.8 mm high variant with clip installation.

### TECHNICAL SPECIFICATIONS:

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

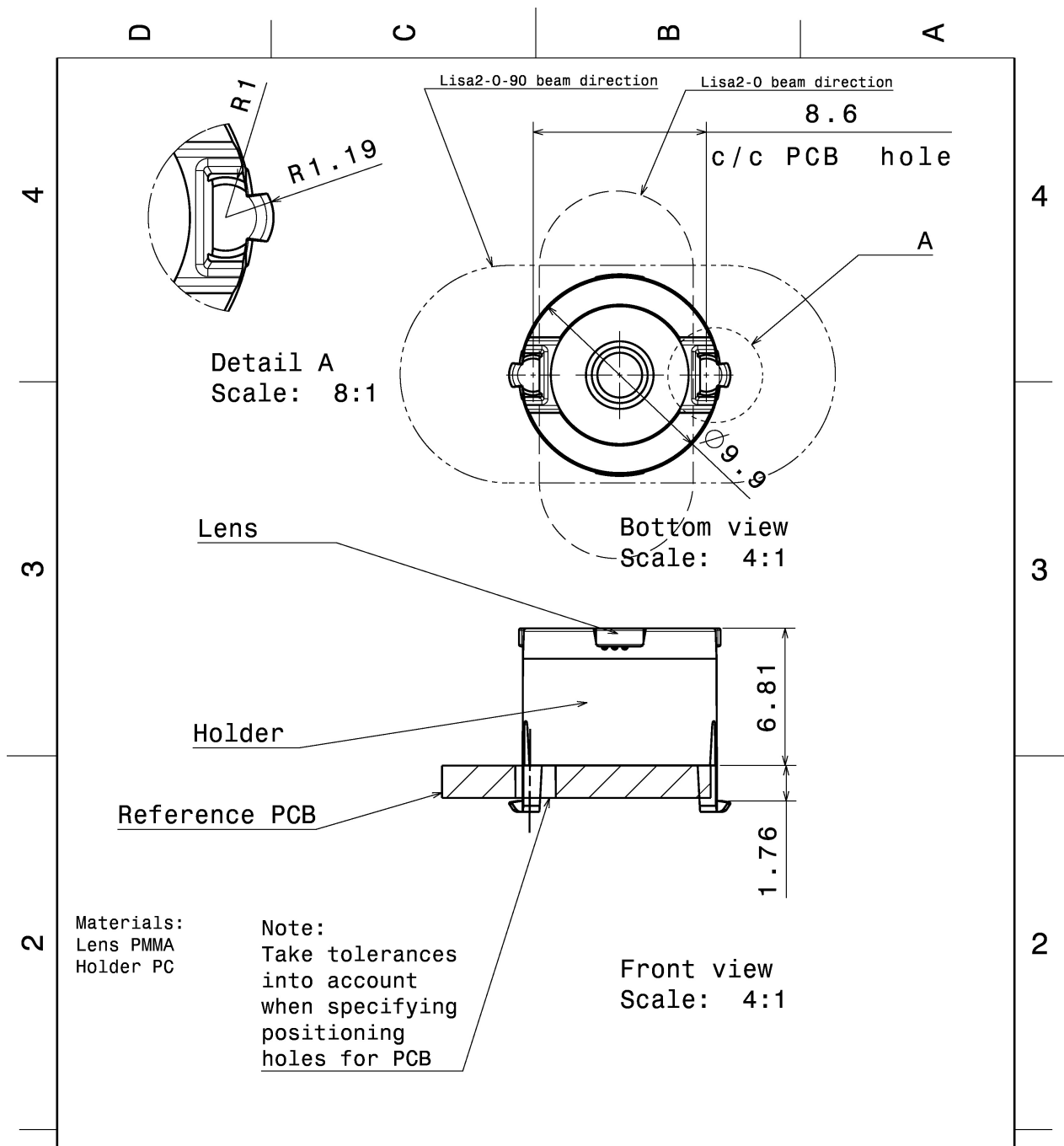
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11076_LISA2-W-CLIP	Single lens	2000	300	100	1.4
» Box size:					



Materials:  
Lens PMMA  
Holder PC

Note:  
Take tolerances into account when specifying positioning holes for PCB

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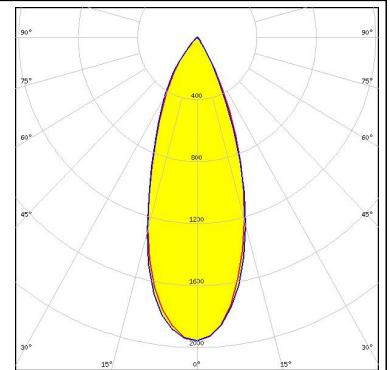
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DRAWN BY ch		DATE 20.7.2011		DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy			
CHECKED BY sn		DATE 20.7.2011		SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY hh		DATE 19.10.2009		SCALE 4:1	WEIGHT (g)	SHEET 1/1	

#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 37.0°  
Efficiency 90 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE

LED XP-G  
FWHM 48.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:


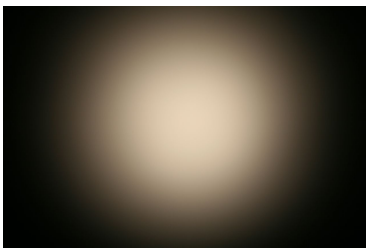
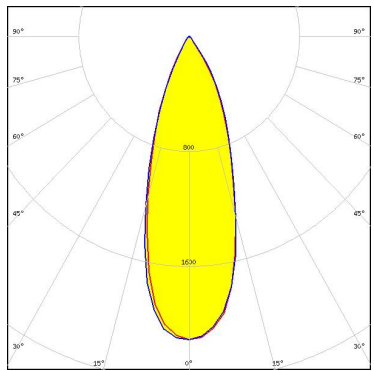
#### LUMILEDS

LED LUXEON A  
FWHM 48.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 46.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:

**PHOTOMETRIC DATA (MEASURED):**

<p><b>LUMILEDS</b></p> <p>LED LUXEON Z            FWHM 27.0°            Efficiency 87 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON Z ES            FWHM 35.0°            Efficiency 87 %            Peak intensity 2.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4170S            FWHM 26.0°            Efficiency %            LEDs/each optic 1            Light colour IR            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4180S            FWHM 26.0°            Efficiency %            LEDs/each optic 1            Light colour IR            Required components:</p>	

## PHOTOMETRIC DATA (MEASURED):

### SHARP

LED	Double Dome (GM2BB)
FWHM	44.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

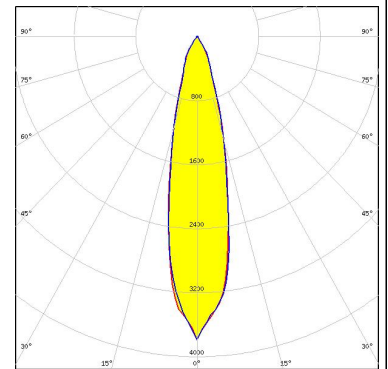
#### PHOTOMETRIC DATA (SIMULATED):

**CREE** 

LED XQ-E HD  
FWHM 49.0°  
Efficiency 90 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

**CREE** 

LED XQ-E HI  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 3.6 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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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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