LISA2-M-CLIP

~20° medium 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

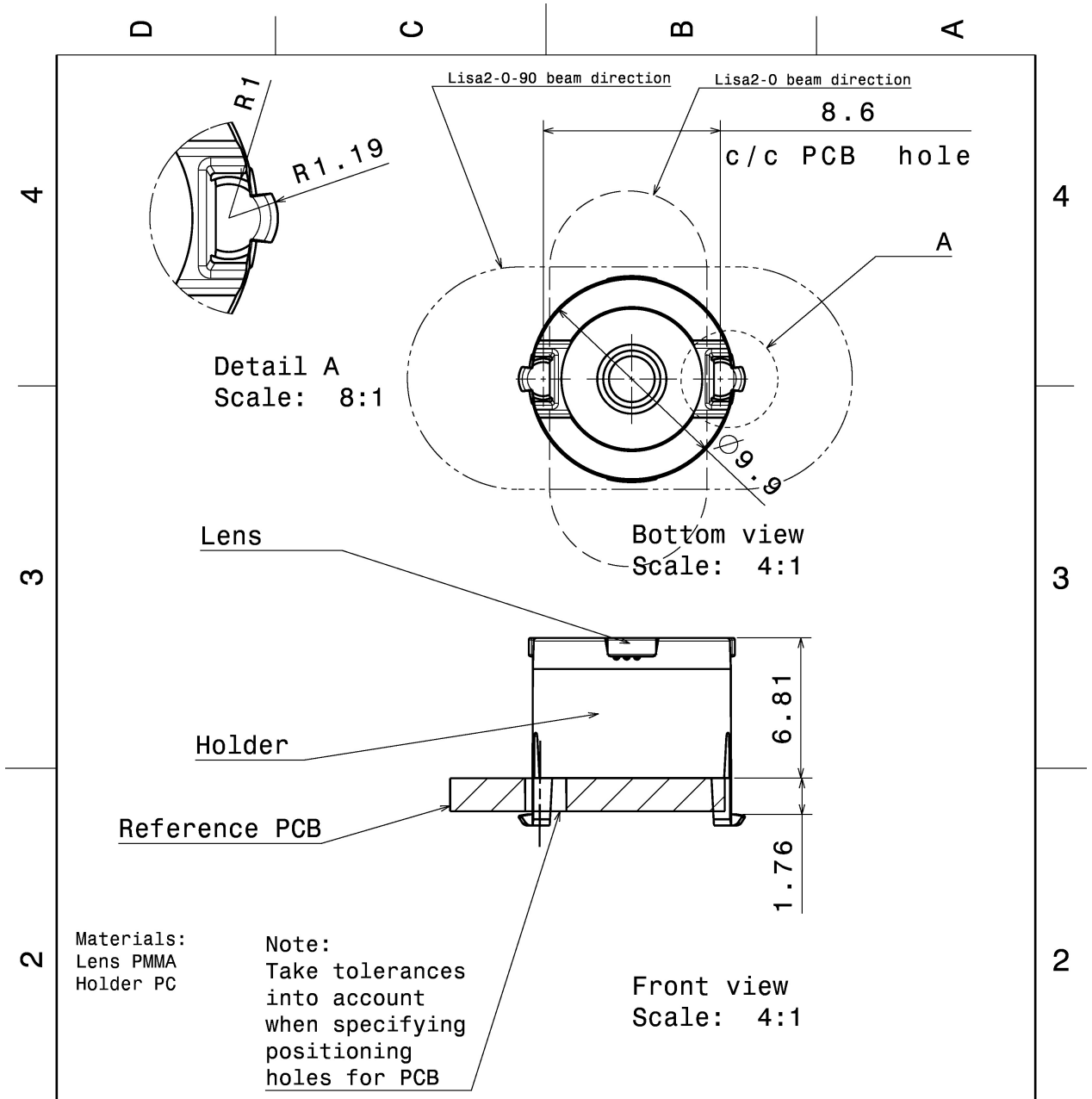
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11075_LISA2-M-CLIP	Single lens	2000	300	100	1.4
» Box size:					

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



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: ah	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	24.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G
FWHM	34.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

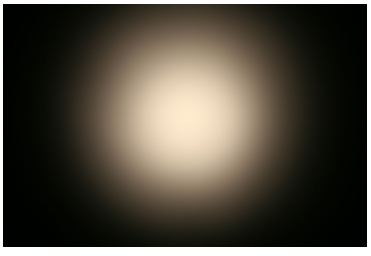
LUMILEDS

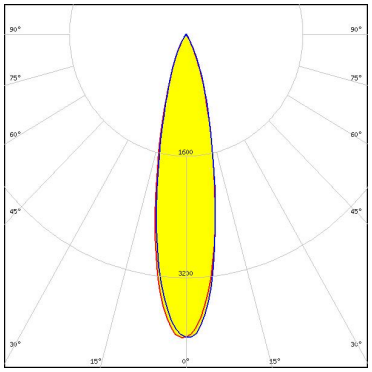
LED	LUXEON Z
FWHM	19.0°
Efficiency	86 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON Z ES
FWHM	23.0°
Efficiency	87 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	SFH 4170S
FWHM	13.0°
Efficiency	%
LEDs/each optic	1
Light colour	IR
Required components:	

OSRAM
Opto Semiconductors

LED	SFH 4180S
FWHM	13.0°
Efficiency	%
LEDs/each optic	1
Light colour	IR
Required components:	

SHARP

LED	Double Dome (GM2BB)
FWHM	28.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

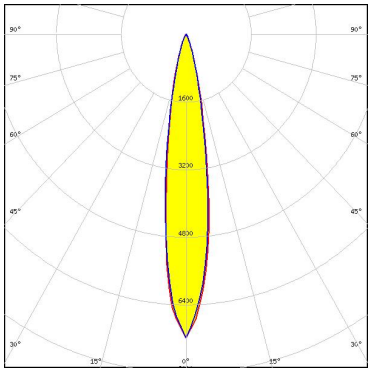
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XQ-E HD
FWHM	27.5°
Efficiency	91 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

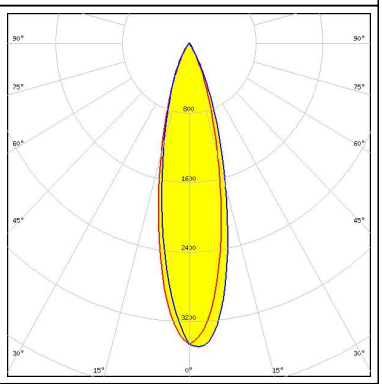
CREE

LED	XQ-E HI
FWHM	17.0°
Efficiency	89 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	SFH 4770S
FWHM	25.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.