LISA2-WWW-CLIP

~80° wide beam optimized for CREE XP-E. 7.0 mm high variant with clip installation.



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes

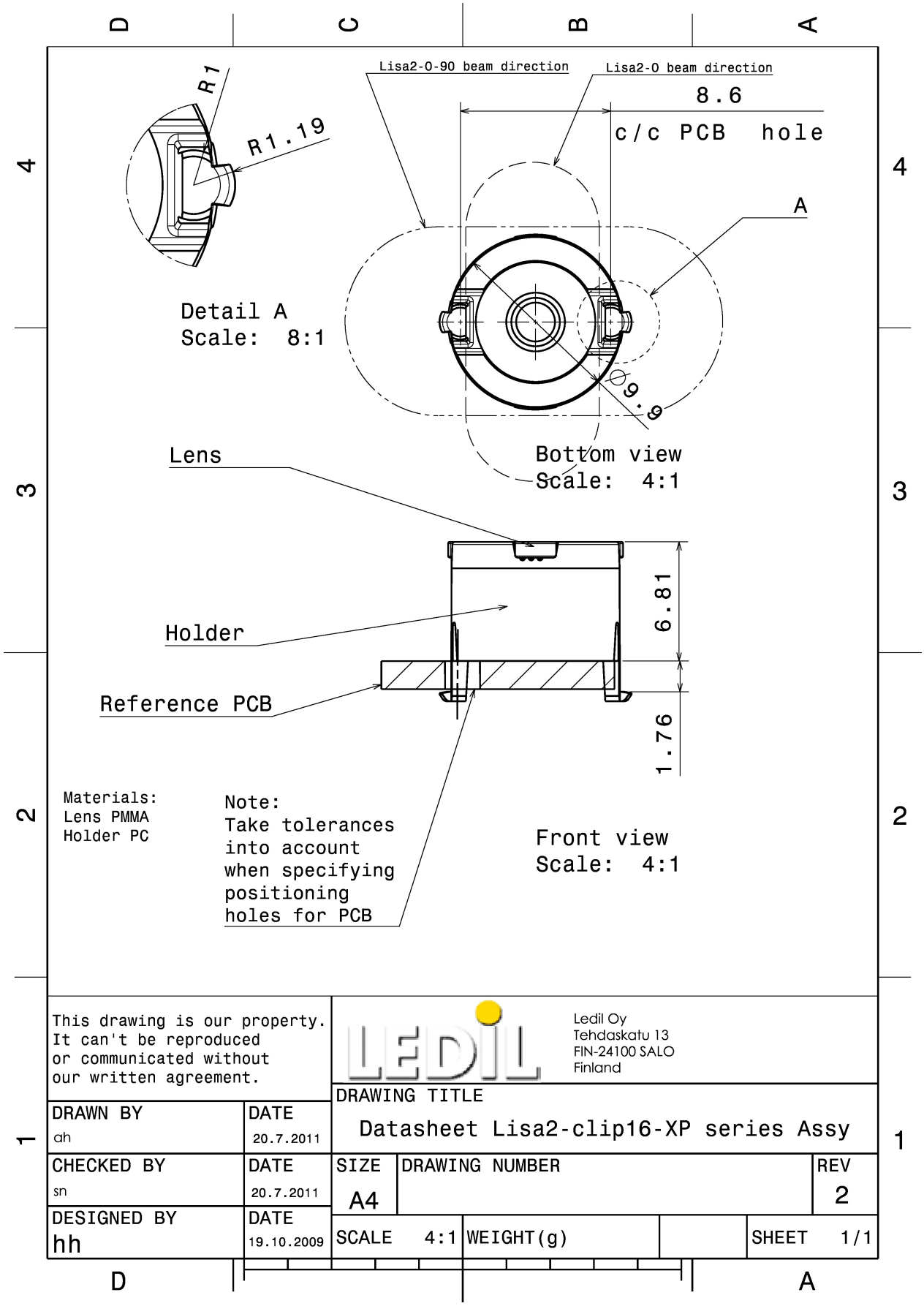
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11431_LISA2-WWW-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.



See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

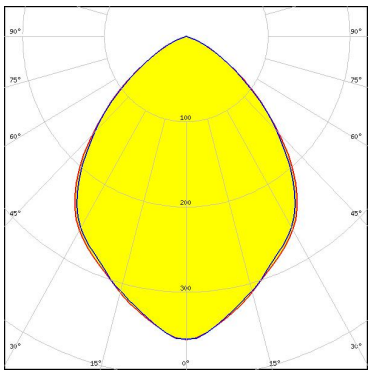
CREE LED

LED	XP-E
FWHM / FWTM	84.0°
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

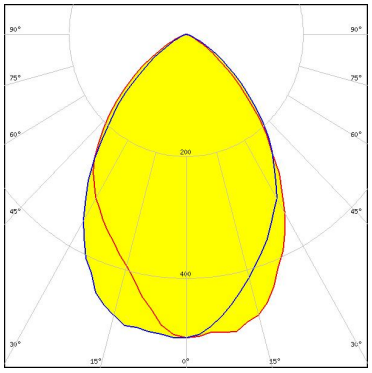
LED	XP-G
FWHM / FWTM	86.0°
Efficiency	72 %
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON Rebel ES
FWHM / FWTM	74.0° / 113.0°
Efficiency	73 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





OSRAM
Opto Semiconductors

LED	SFH 4170S
FWHM / FWTM	76.0° / 116.0°
Efficiency	%
LEDs/each optic	1
Light colour	IR
Required components:	

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PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	SFH 4180S
FWHM / FWTM	75.0° / 114.0°
Efficiency	%
LEDs/each optic	1
Light colour	IR

Required components:

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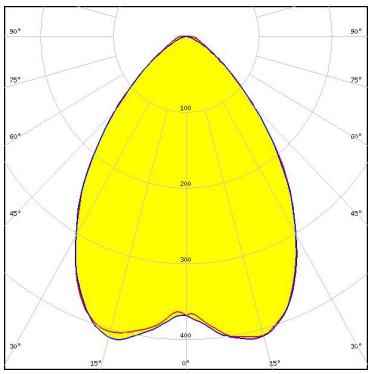
PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	XQ-E HD
FWHM / FWTM	70.0° / 126.0°
Efficiency	81 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

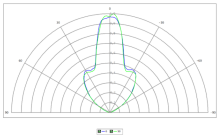
NICHIA

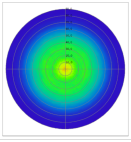
LED	NCSxE17A
FWHM / FWTM	78.0° / 118.0°
Efficiency	73 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	

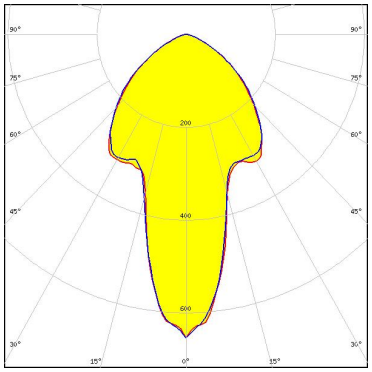


OSRAM
Opto Semiconductors

LED	SFH 4716S
FWHM / FWTM	35.0° / 126.0°
Efficiency	84 %
LEDs/each optic	1
Light colour	IR
Required components:	







SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	70.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	70.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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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:

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