

LISA2-W-CLIP

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

SPECIFICATION:

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

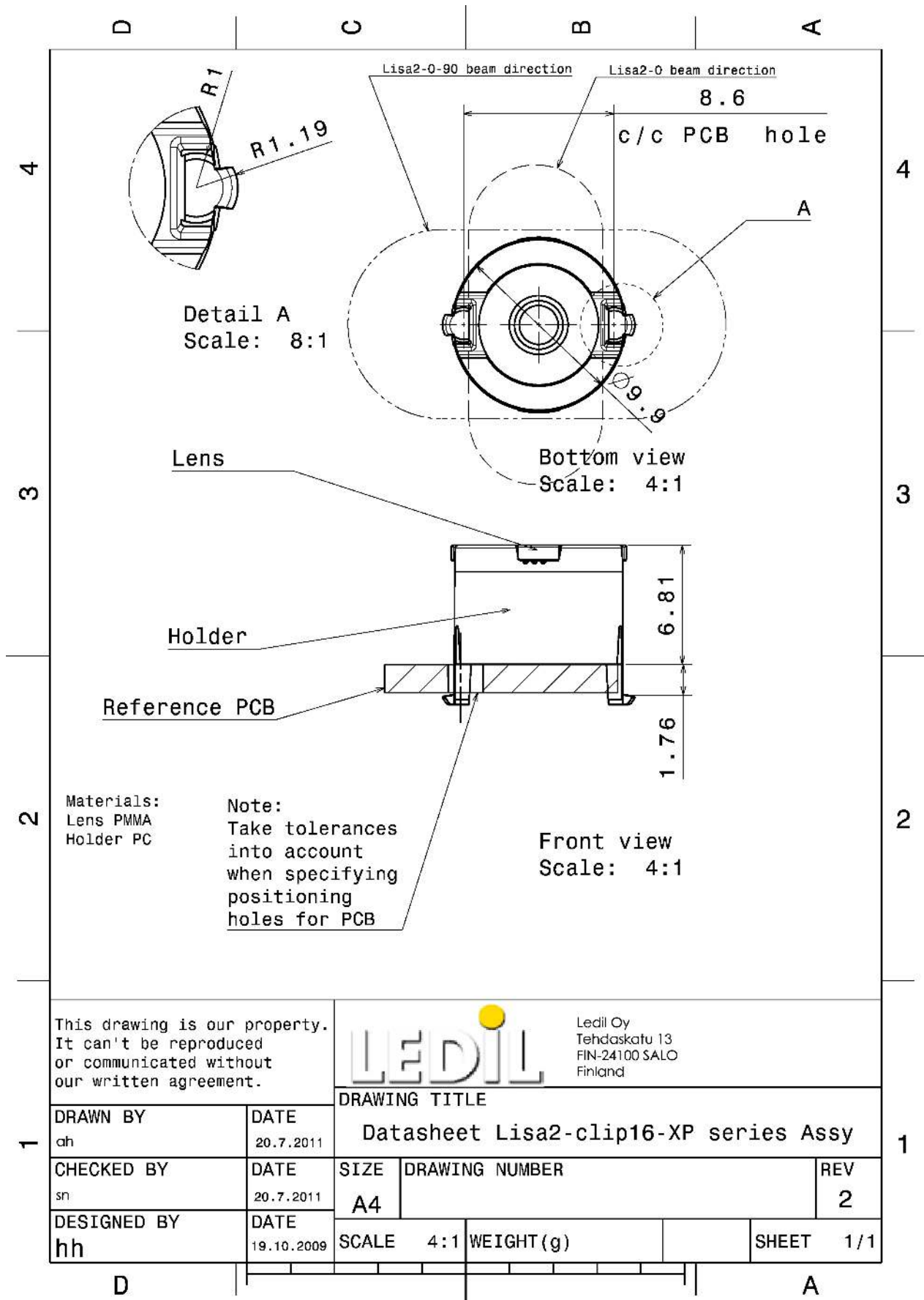


MATERIALS:

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

ORDERING INFORMATION:

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



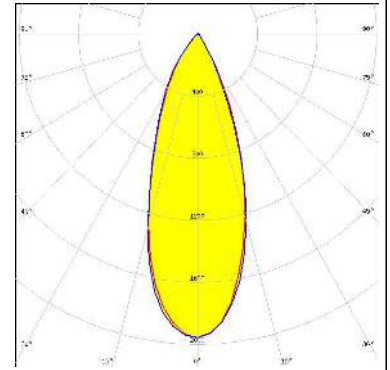
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DRAWN BY ah		DATE 20.7.2011		DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy	
CHECKED BY sn		DATE 20.7.2011		SIZE A4	DRAWING NUMBER
DESIGNED BY hh		DATE 19.10.2009		SCALE 4:1	WEIGHT (g)
				SHEET	1/1

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

OPTICAL RESULTS (MEASURED):

CREE LED

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



CREE LED

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


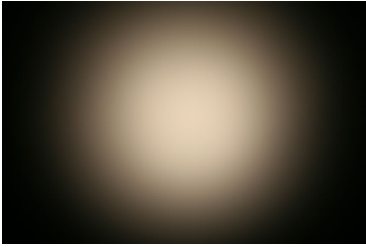
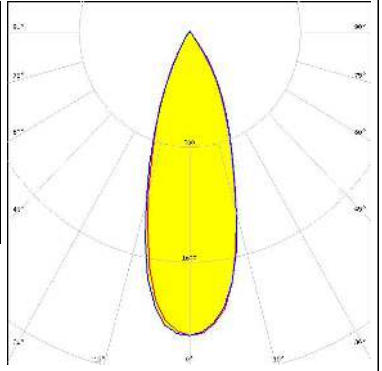
LUMILEDS

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

LUMILEDS

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

OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON Z FWHM / FWTM 27.0° / 60.0° Efficiency 87 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON Z ES FWHM / FWTM 35.0° / 64.0° Efficiency 87 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED SFH 4170S FWHM / FWTM 26.0° / 61.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED SFH 4180S FWHM / FWTM 26.0° / 61.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>	

OPTICAL RESULTS (MEASURED):

SHARP

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

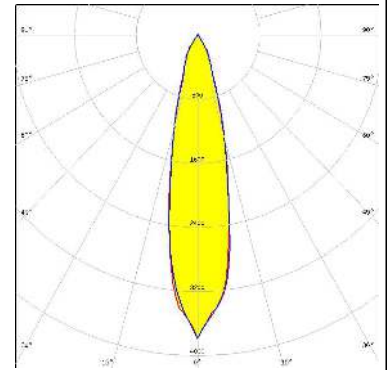
OPTICAL RESULTS (SIMULATED):

CREE LED

LED XQ-E HD
FWHM / FWTM 49.0° / 80.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

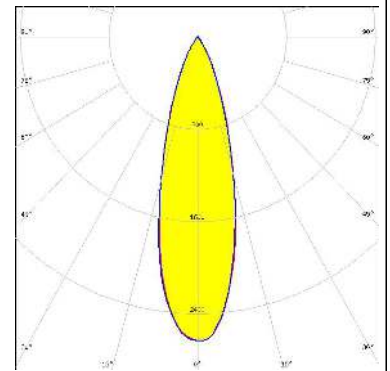
CREE LED

LED XQ-E HI
FWHM / FWTM 23.0° / 52.0°
Efficiency 89 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NCSxE17A
FWHM / FWTM 30.0° / 57.0°
Efficiency 84 %
Peak intensity 2.6 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:

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.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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