

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 ⓘ

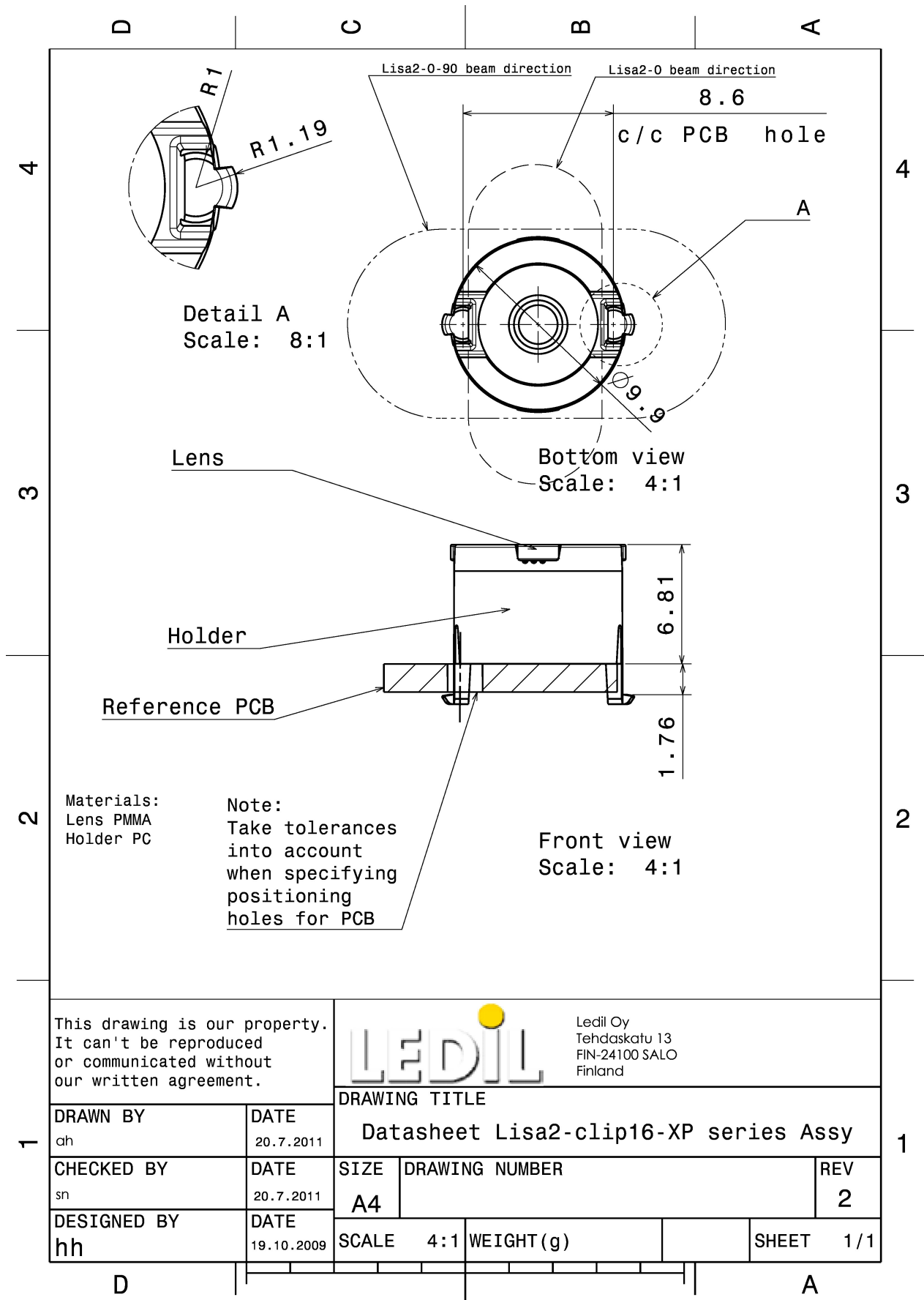


MATERIAL SPECIFICATIONS:

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:					



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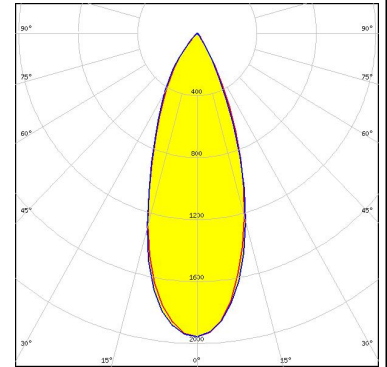
DRAWN BY ch		DATE 20.7.2011	DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy		
CHECKED BY sn	DATE 20.7.2011	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY hh	DATE 19.10.2009	SCALE 4:1	WEIGHT (g)	SHEET 1/1	

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

PHOTOMETRIC DATA (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:

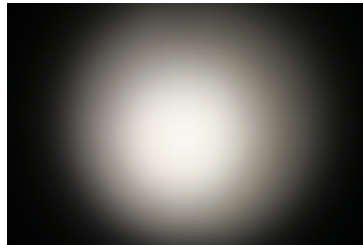
LUMILEDS

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

PHOTOMETRIC DATA (MEASURED):

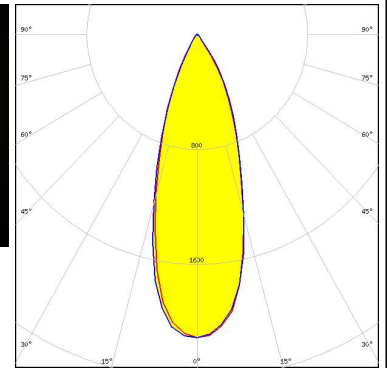
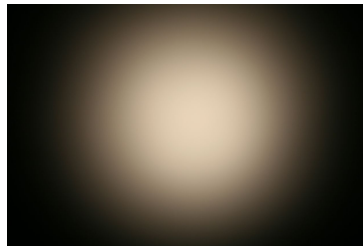
LUMILEDS

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:



LUMILEDS

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:



OSRAM Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 26.0° / 61.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

OSRAM Opto Semiconductors

LED SFH 4180S
FWHM / FWTM 26.0° / 61.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

PHOTOMETRIC DATA (MEASURED):

SHARP

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

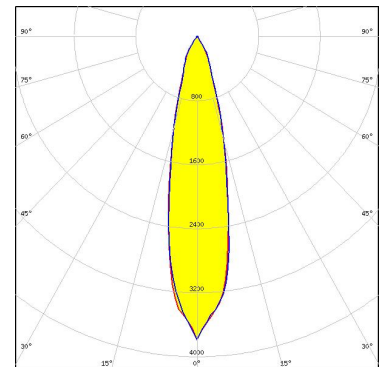
PHOTOMETRIC DATA (SIMULATED):



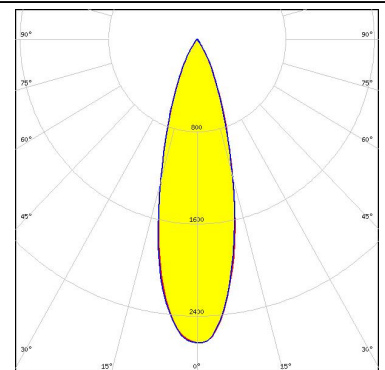
LED XQ-E HD
FWHM / FWTM 49.0° / 80.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



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:

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