

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 ⓘ

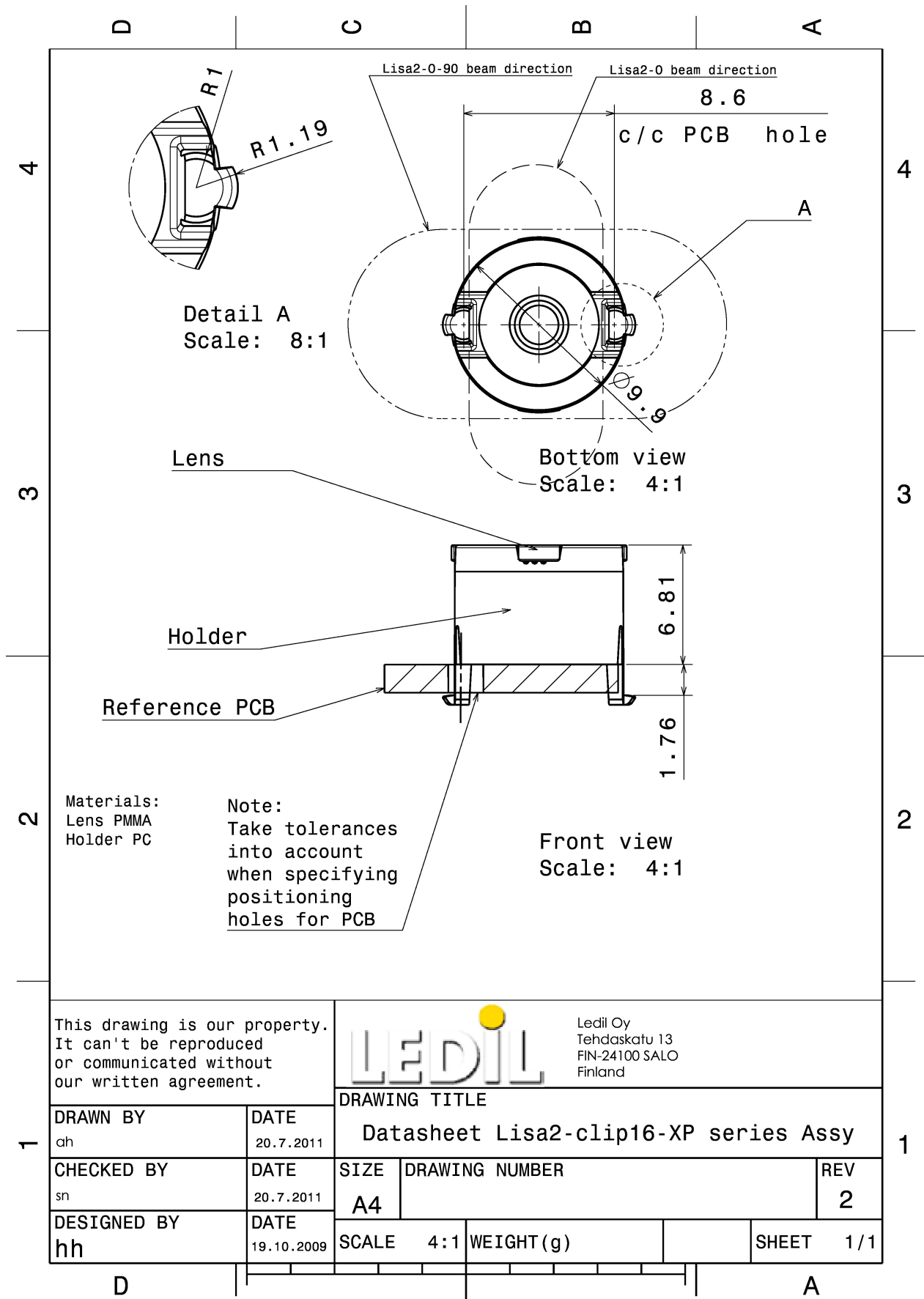


MATERIAL SPECIFICATIONS:

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:					



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

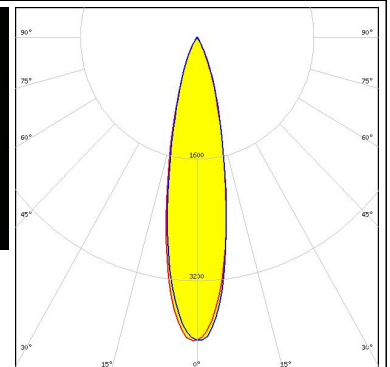
PHOTOMETRIC DATA (MEASURED):

	
LED	XP-E
FWHM / FWTM	24.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

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

	
LED	LUXEON Z
FWHM / FWTM	19.0° / 41.0°
Efficiency	86 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

	
LED	LUXEON Z ES
FWHM / FWTM	23.0° / 48.0°
Efficiency	87 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED SFH 4170S
FWHM / FWTM 13.0° / 37.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

OSRAM Opto Semiconductors

LED SFH 4180S
FWHM / FWTM 13.0° / 36.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SHARP

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

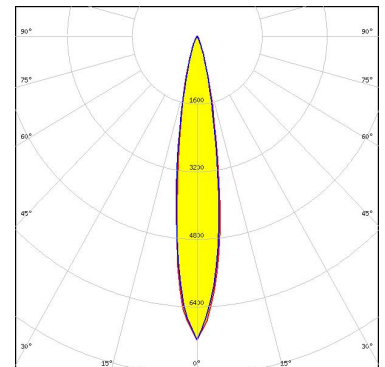
PHOTOMETRIC DATA (SIMULATED):



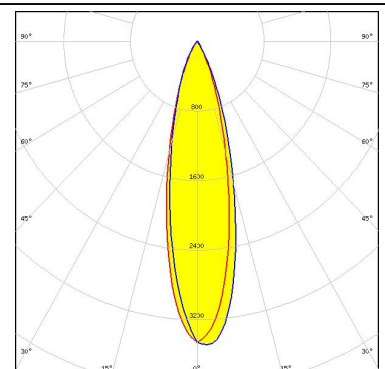
LED XQ-E HD
 FWHM / FWTM 27.5° / 63.0°
 Efficiency 91 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HI
 FWHM / FWTM 17.0° / 35.0°
 Efficiency 89 %
 Peak intensity 7.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SFH 4770S
 FWHM / FWTM 25.0° / 52.0°
 Efficiency 92 %
 Peak intensity 3.5 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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