

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 ⓘ

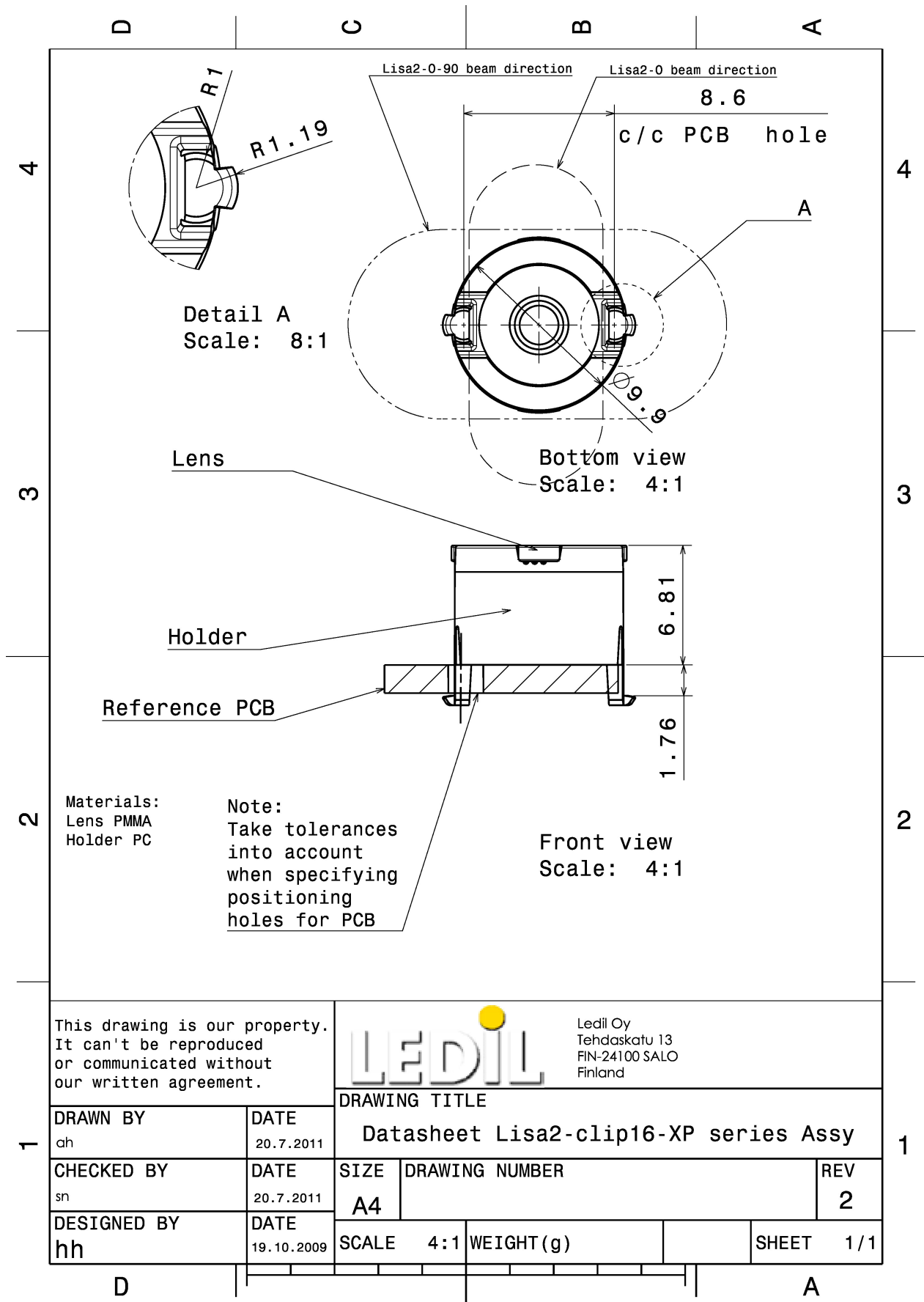


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LISA2-W	Single lens	PMMA	clear		9.9
LISA2-HLD-CLIP16-XP	Holder	PC	black		9.9

ORDERING INFORMATION:

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

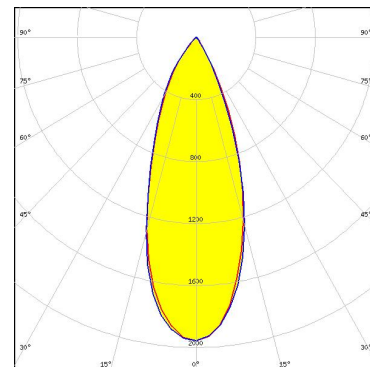


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



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



Light distribution files



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

Light distribution files



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

Light distribution files

OPTICAL RESULTS (MEASURED):

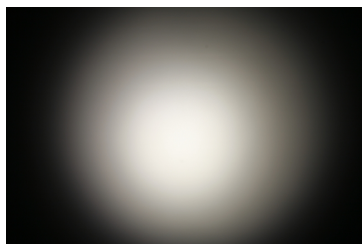


LED LUXEON Rebel ES
 FWHM / FWTM 46.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files



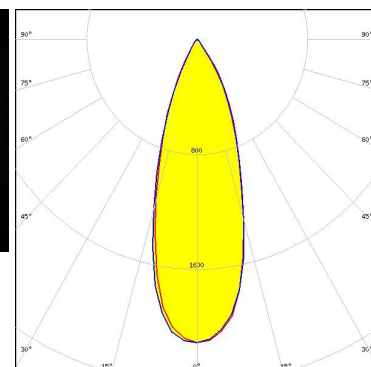
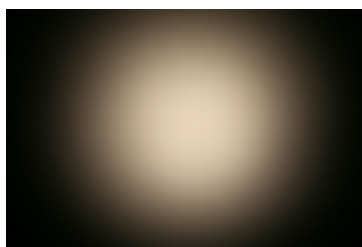
LED LUXEON Z
 FWHM / FWTM 27.0° / 60.0°
 Efficiency 87 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON Z ES
 FWHM / FWTM 35.0° / 64.0°
 Efficiency 87 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

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

Light distribution files

OSRAM
Opto Semiconductors

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

Light distribution files

SHARP

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

Light distribution files

OPTICAL RESULTS (SIMULATED):

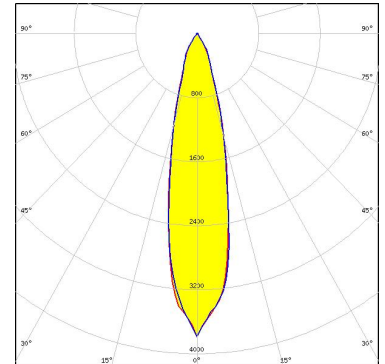


LED	XQ-E HD
FWHM / FWTM	49.0° / 80.0°
Efficiency	90 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



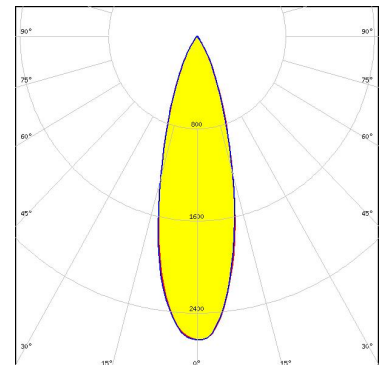
LED	XQ-E HI
FWHM / FWTM	23.0° / 52.0°
Efficiency	89 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	NCSxE17A
FWHM / FWTM	30.0° / 57.0°
Efficiency	84 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

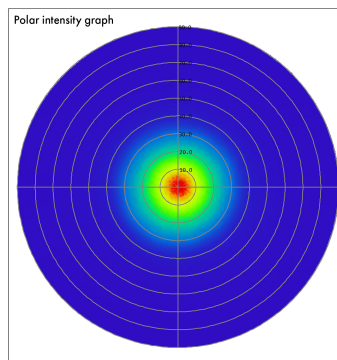


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 29.0° / 60.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

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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