

LISA2-O-90-CLIP

~20° x 50° turned oval 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 ⓘ

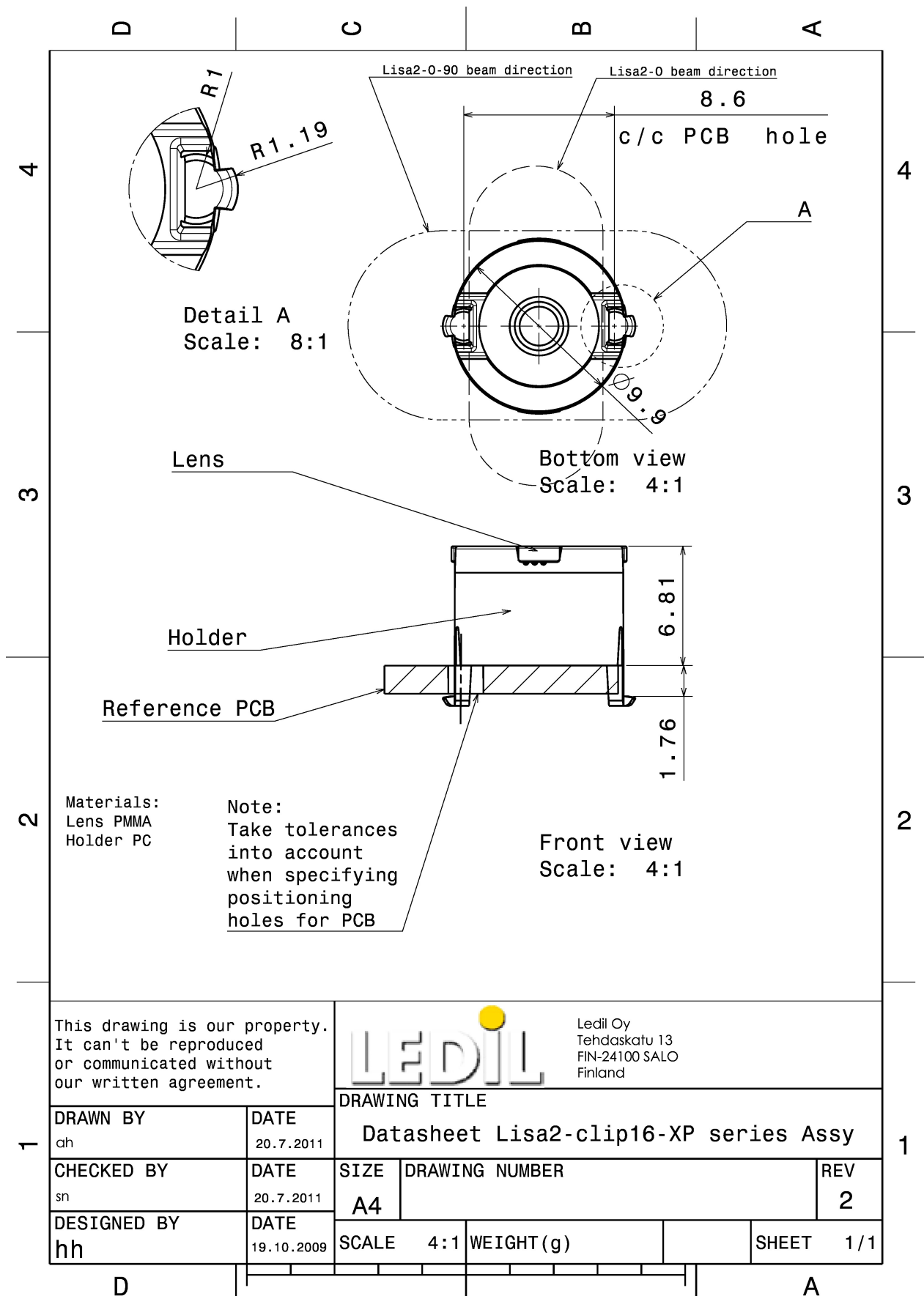
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11856_LISA2-O-90-CLIP	Single lens	2000		100	1.4
» Box size:					

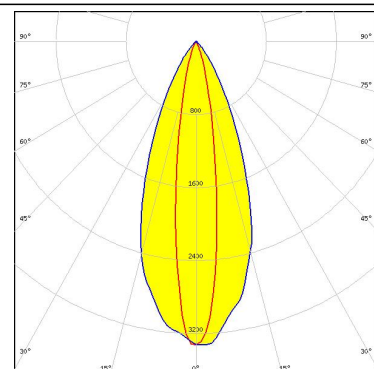




PHOTOMETRIC DATA (MEASURED):



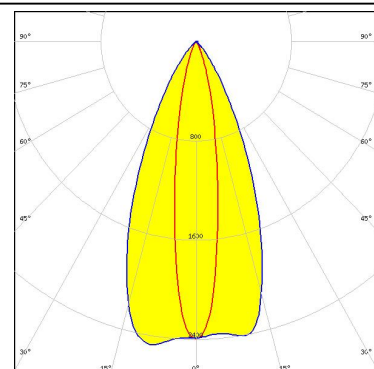
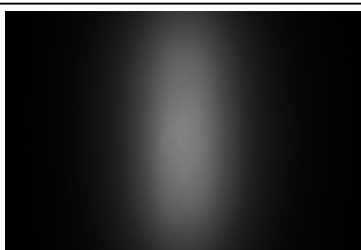
LED XP-E
FWHM 48.0 + 18.0°
Efficiency 83 %
LEDs/each optic 1
Light colour White
Required components:



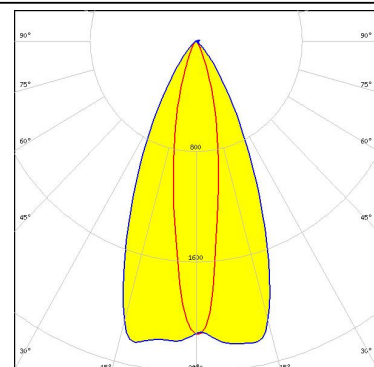
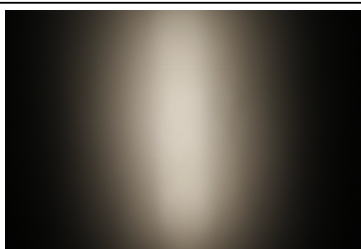
LED XP-G
FWHM 48.0 + 18.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM 17.0 + 47.0°
Efficiency 80 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Z ES
FWHM 18.0 + 49.0°
Efficiency 80 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED SFH 4170S
FWHM 13.0 + 46.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

OSRAM
Opto Semiconductors

LED SFH 4180S
FWHM 13.0 + 48.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

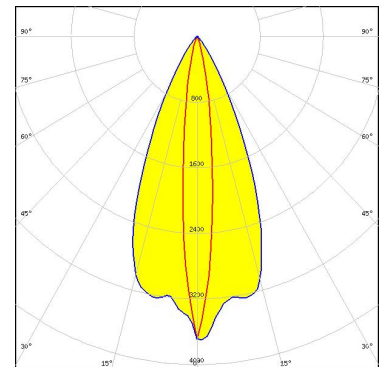
PHOTOMETRIC DATA (SIMULATED):



LED XQ-E HD
FWHM 40.0 + 13.0°
Efficiency 86 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XQ-E HI
FWHM 46.0 + 11.0°
Efficiency 83 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Double Dome (GM2BB)
FWHM 48.0 + 20.0°
Efficiency %
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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