LISA2-O-CLIP

~45° x 20° oval beam optimized for LUXEON Rebel. 6.6 mm high variant with clip installation.

TECHNICAL SPECIFICATIONS:

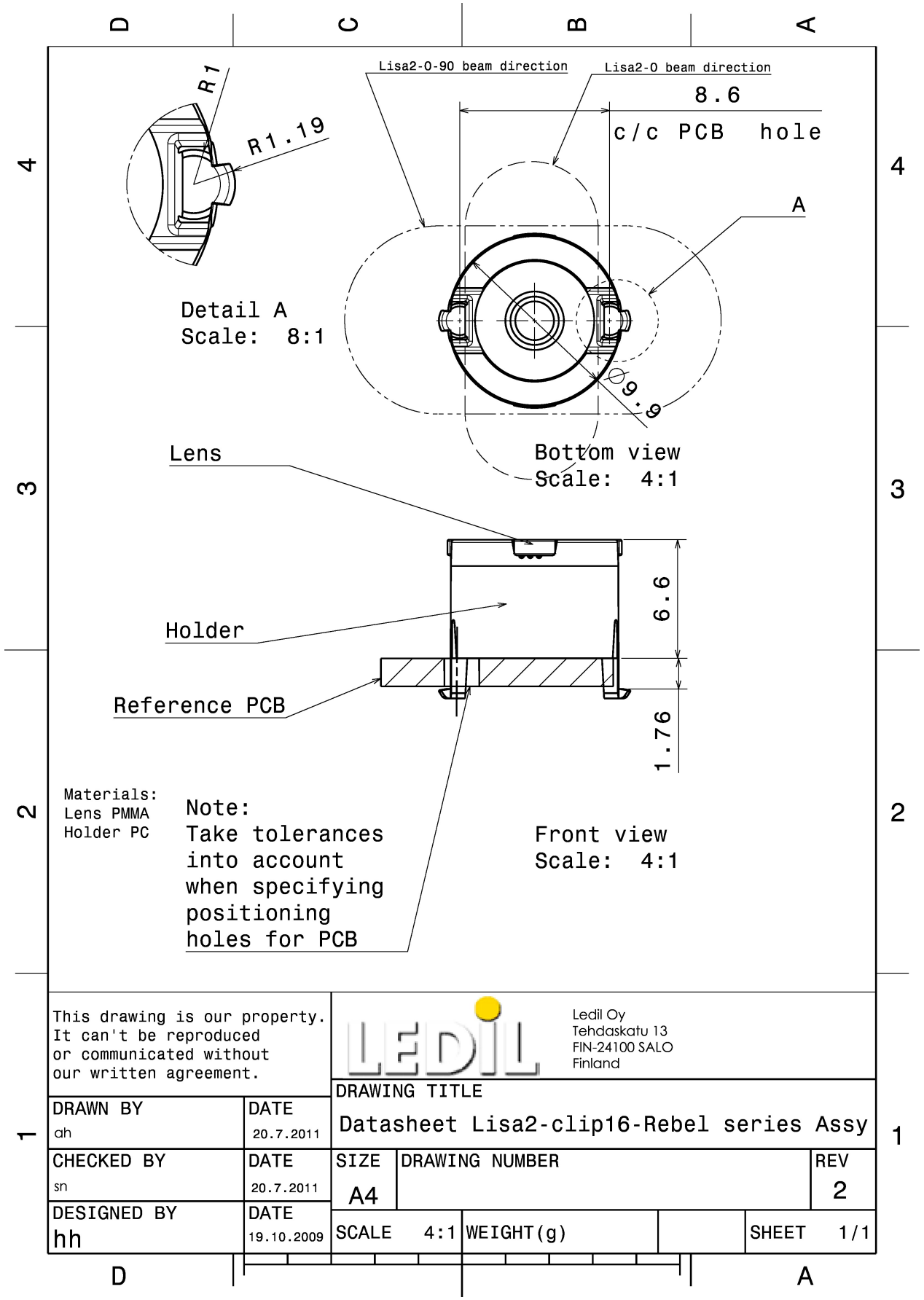
Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	glue, clips
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11122_LISA2-O-CLIP	Single lens	2000	300	100	1.4
» Box size:					



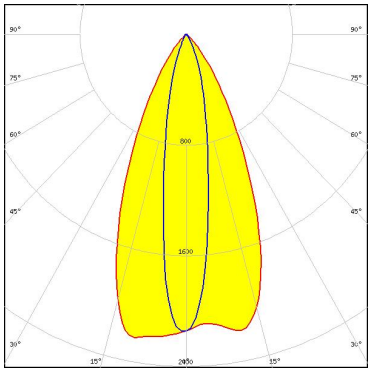
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON A
FWHM	44.0 + 23.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Rebel
FWHM	48.0 + 19.0°
Efficiency	83 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON Rebel ES
FWHM	44.0 + 23.0°
Efficiency	81 %
LEDs/each optic	1
Light colour	White
Required components:	

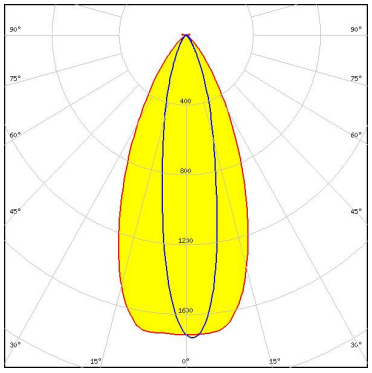
NICHIA

LED	NCSxx19A
FWHM	20.0 + 48.0°
Efficiency	75 %
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

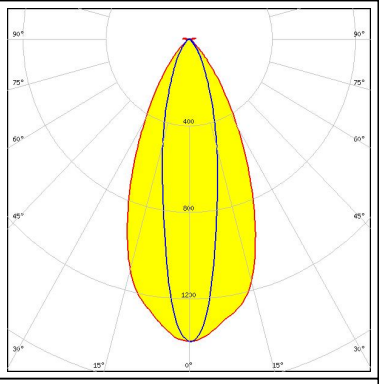
OSRAM
Opto Semiconductors

LED	OSLON Square PC
FWHM	48.0 + 21.0°
Efficiency	75 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



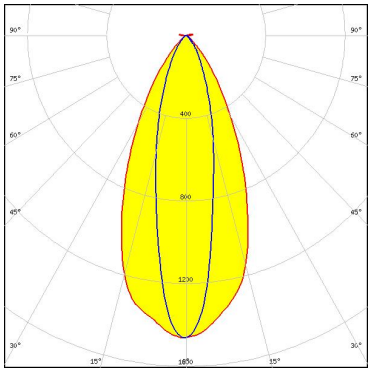
SAMSUNG

LED	LH181A
FWHM	48.0 + 22.0°
Efficiency	64 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH181B
FWHM	48.0 + 23.0°
Efficiency	69 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NVSxx19A
FWHM	20.0 + 48.0°
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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