

LISA2-O-CLIP

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

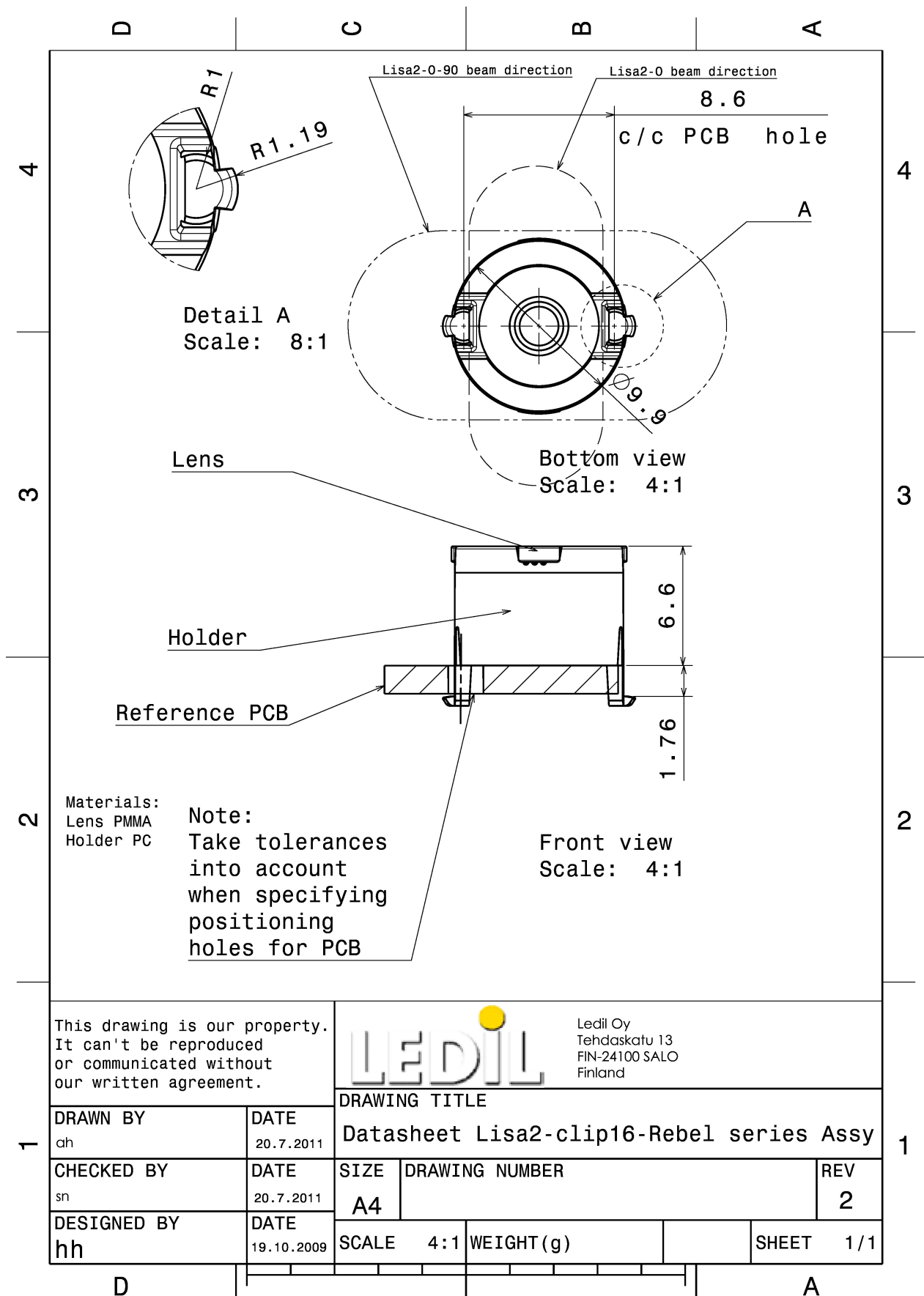
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	glue, clips
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



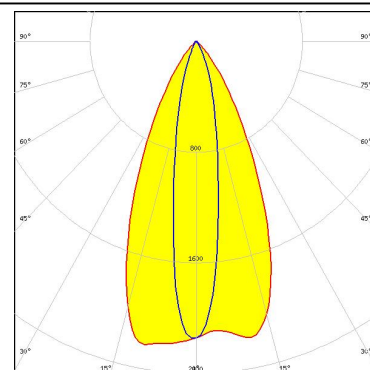
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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

LUMILEDS

LED LUXEON Rebel
FWHM 48.0 + 19.0°
Efficiency 83 %
Peak intensity 2.150 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

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

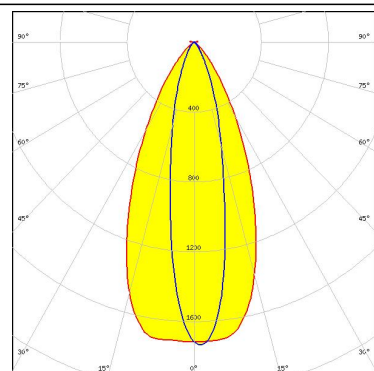
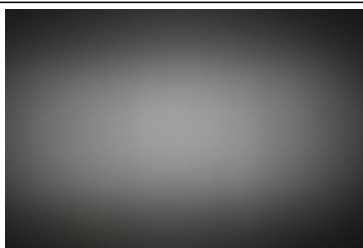
NICHIA

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

PHOTOMETRIC DATA (MEASURED):

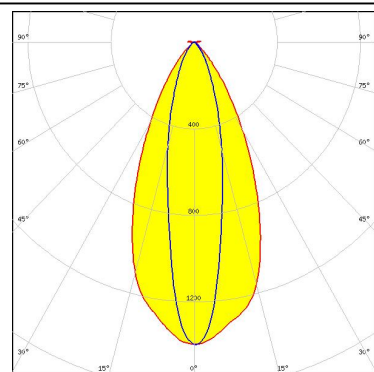
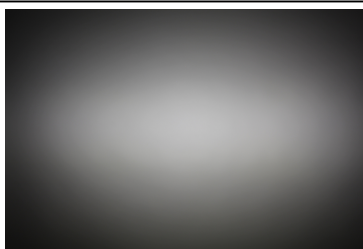
OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM $48.0 + 21.0^\circ$
Efficiency 75 %
Peak intensity 1.740 cd/lm
LEDs/each optic 1
Light colour White
Required components:



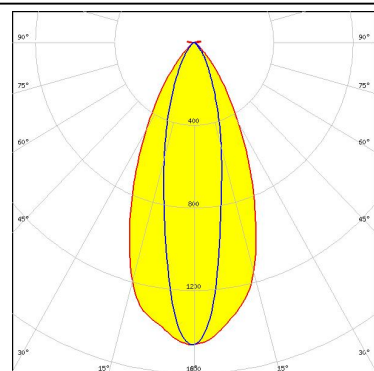
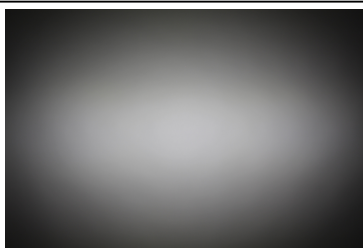
SAMSUNG

LED LH181A
FWHM $48.0 + 22.0^\circ$
Efficiency 64 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH181B
FWHM $48.0 + 23.0^\circ$
Efficiency 69 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED	NVSxx19A
FWHM	20.0 + 48.0°
Efficiency	%
Peak intensity	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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