

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 ⓘ

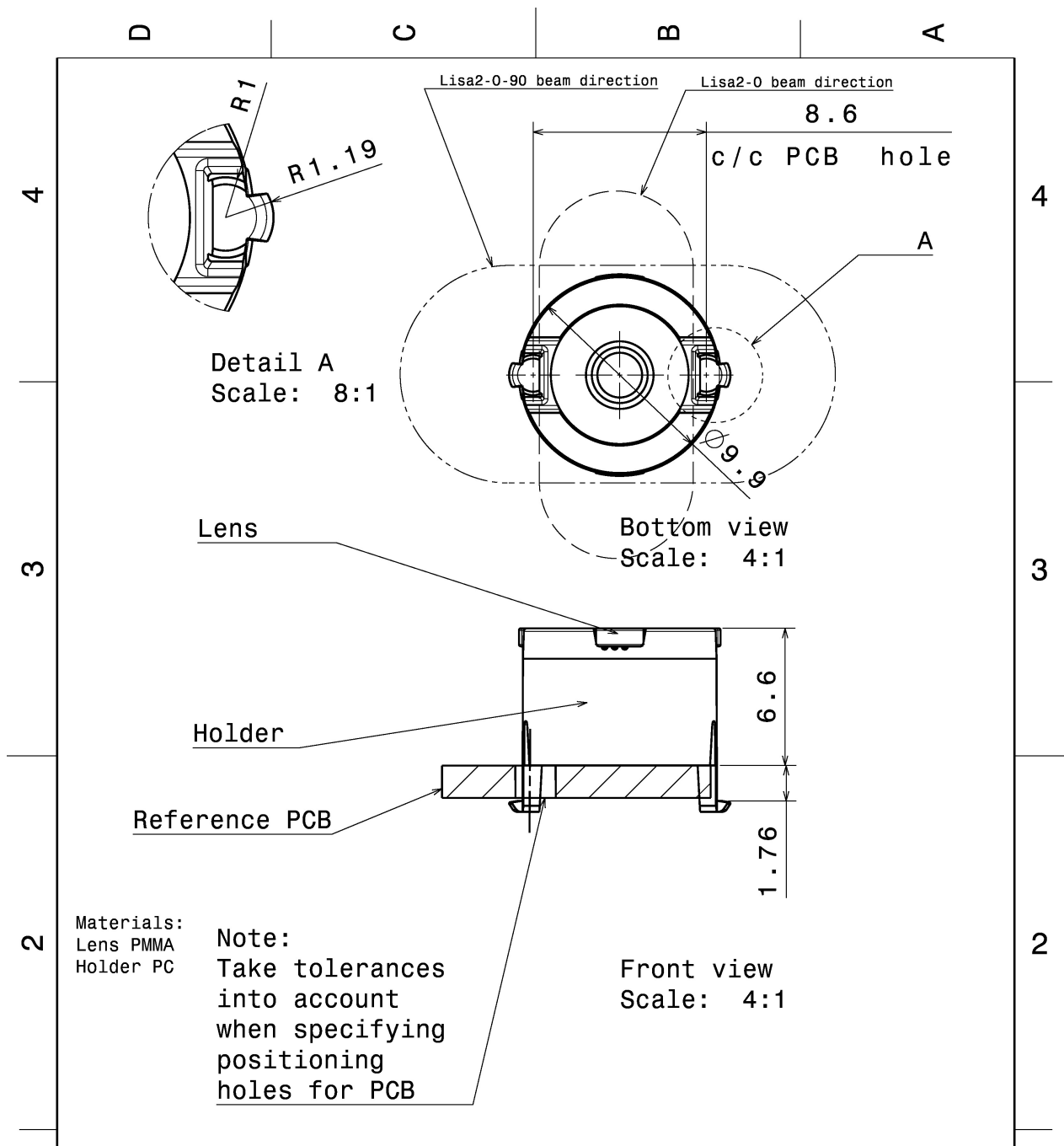
MATERIAL SPECIFICATIONS:

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:					



Materials:
Lens PMMA
Holder PC

Note:
Take tolerances into account when specifying positioning holes for PCB

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DRAWN BY ch		DATE 20.7.2011		DRAWING TITLE Datasheet Lisa2-clip16-Rebel series Assy			
CHECKED BY sn		DATE 20.7.2011		SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY hh		DATE 19.10.2009		SCALE 4:1	WEIGHT (g)	SHEET 1/1	

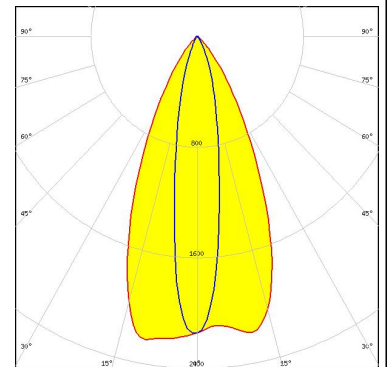
PHOTOMETRIC DATA (MEASURED):

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:

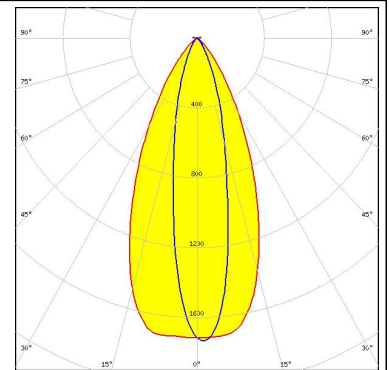
NICHIA

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

PHOTOMETRIC DATA (MEASURED):

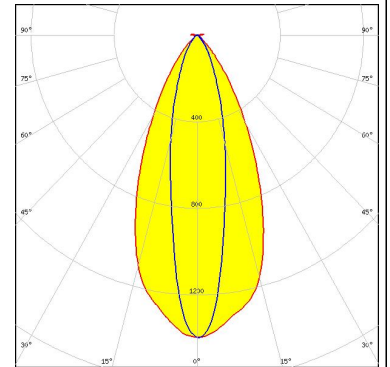
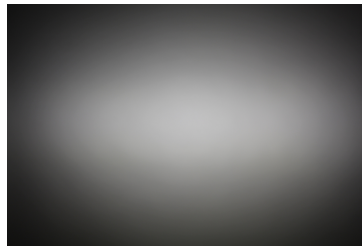
OSRAM
Opto Semiconductors

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:



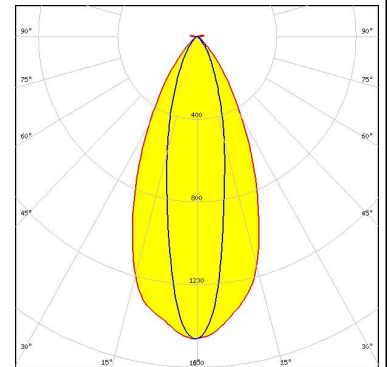
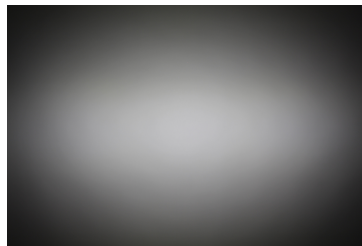
SAMSUNG

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):



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:

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