

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 ⓘ |

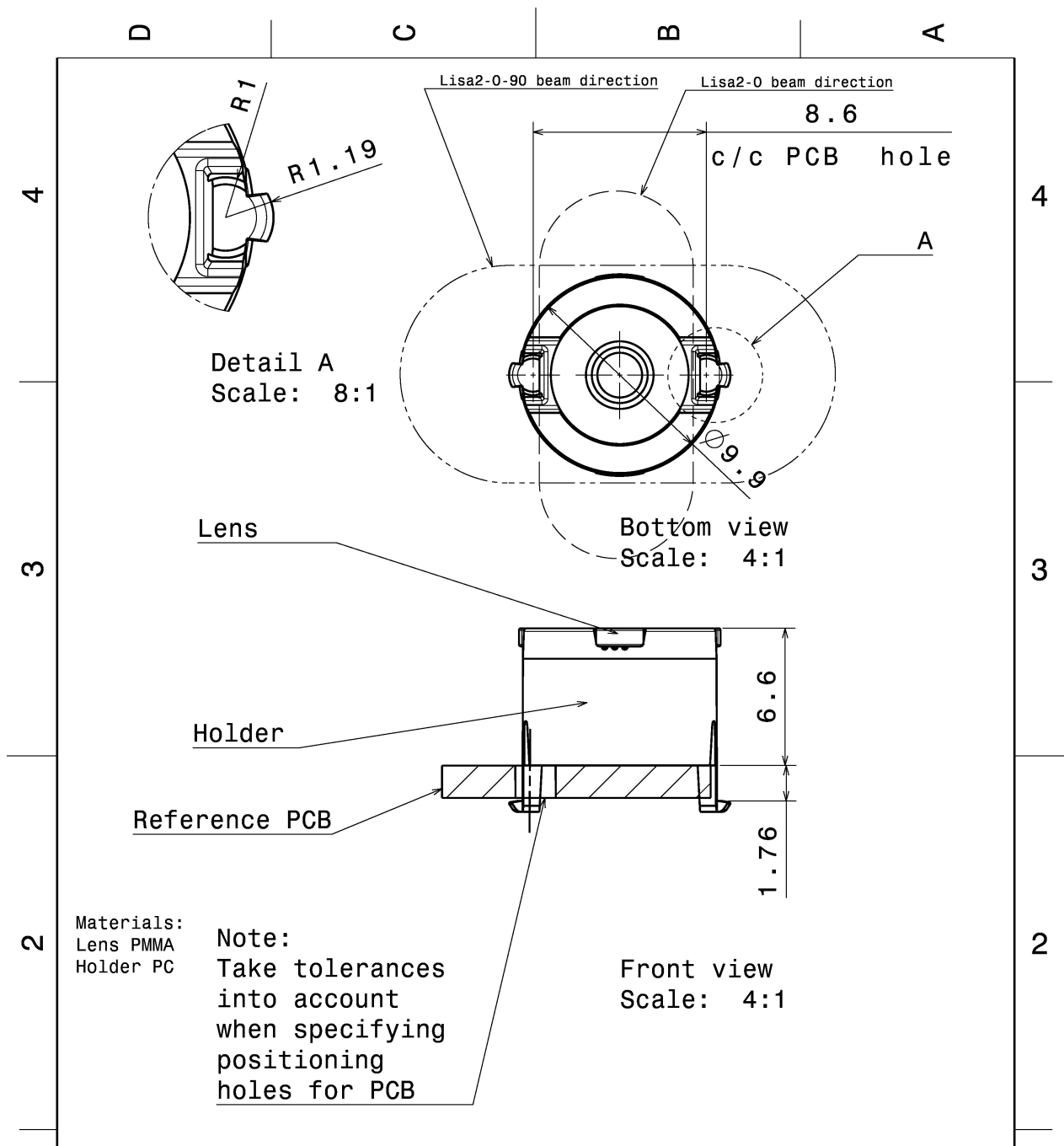
MATERIAL SPECIFICATIONS:

| 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

| | | | | | |
|---|---------------------------|---------------------|-----------------------|--|-----------------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. | | LEDiL | | Ledil Oy Tehdaskatu 13 FIN-24100 SALO Finland | |
| DRAWING TITLE | | | | | |
| Datasheet Lisa2-clip16-Rebel series Assy | | | | | |
| DRAWN BY ch | DATE 20.7.2011 | SIZE A4 | DRAWING NUMBER | | REV 2 |
| CHECKED BY sn | DATE 20.7.2011 | SCALE 4:1 | WEIGHT (g) | SHEET 1/1 | |
| DESIGNED BY hh | DATE 19.10.2009 | | | | |

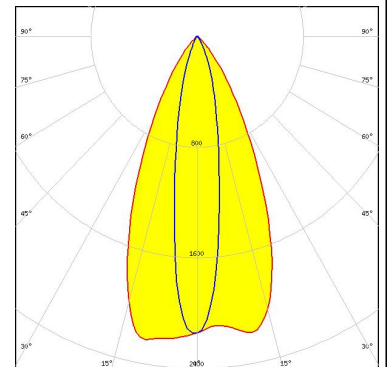
PHOTOMETRIC DATA (MEASURED):

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:

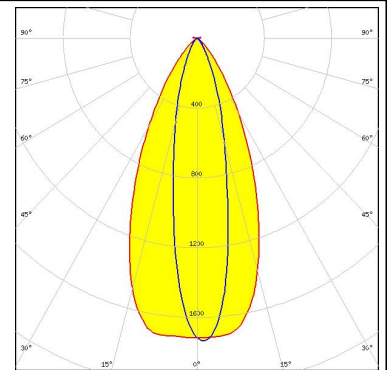
NICHIA

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

PHOTOMETRIC DATA (MEASURED):

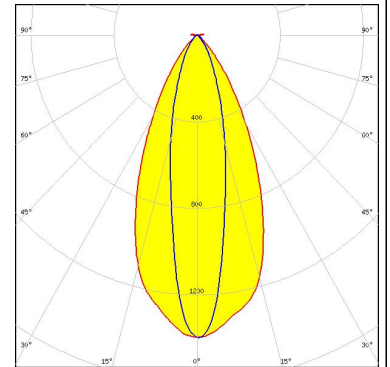
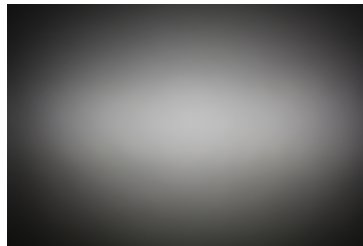
OSRAM
Opto Semiconductors

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:



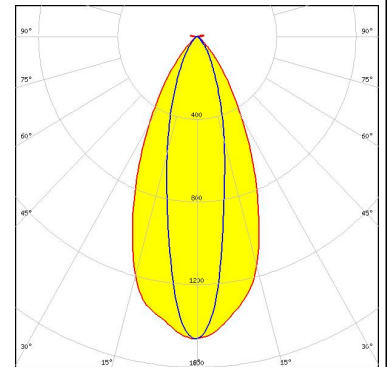
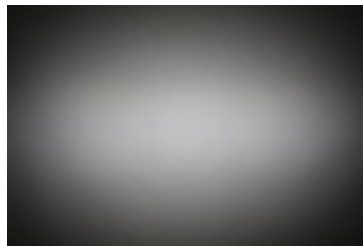
SAMSUNG

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9