

LISA2-RS-PIN

~19° spot beam. 6.8 mm high variant with location pin installation.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 9.9 mm |
| Height | 6.8 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

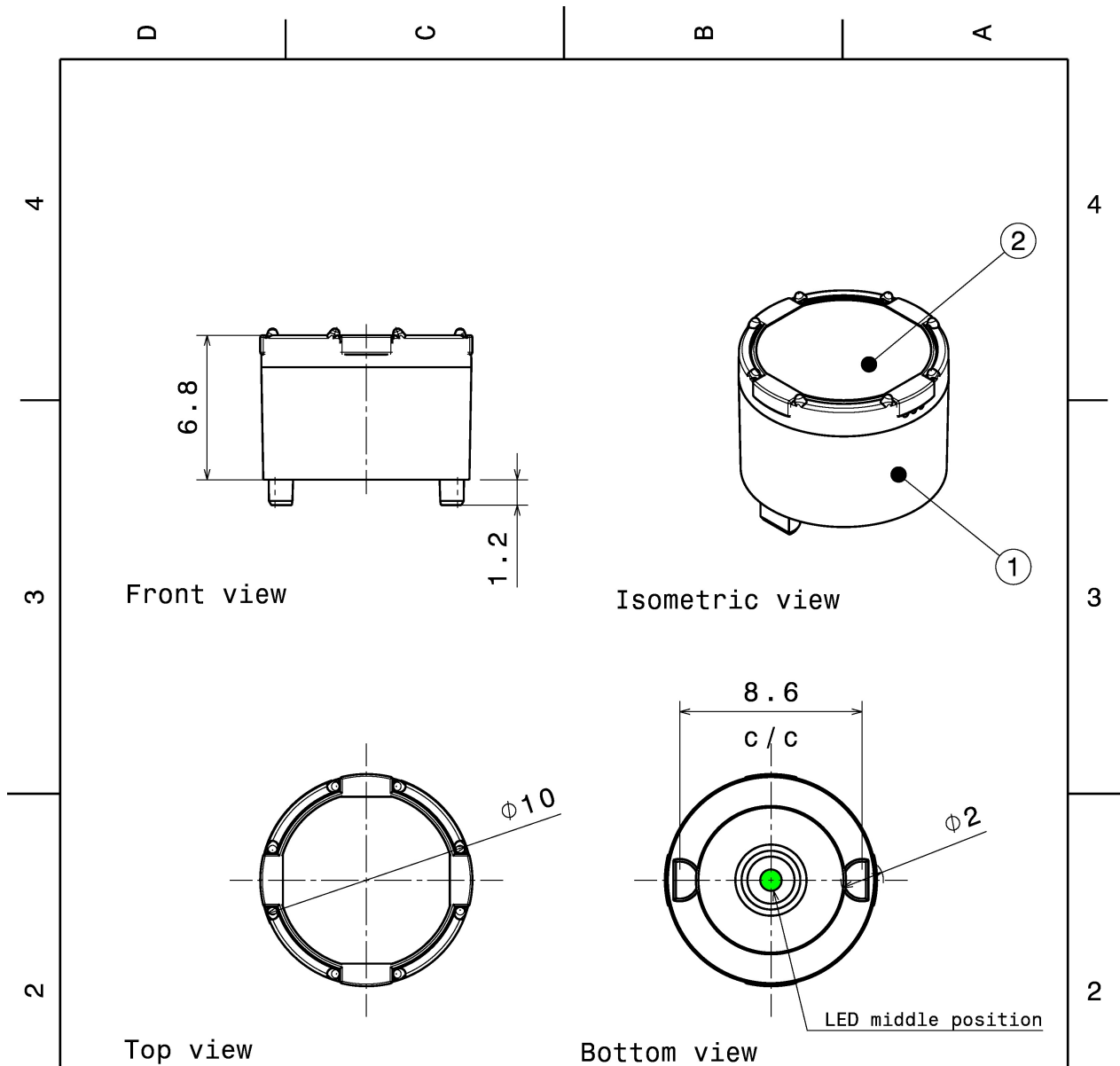
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|---------------|-------------|----------|--------|--------|
| LISA2-RS | Single lens | PMMA | clear | |
| LISA2-HLD-PIN | Holder | PC | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------------------|-------------|------------|-----|-----|-----------------|
| FP11055_LISA2-RS-PIN | Single lens | 2000 | 300 | 100 | 1.4 |
| » Box size: 310 x 230 x 60 mm | | | | | |






| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|---------------|----------|--------|
| 1 | F10989 | LISA2-HLD-PIN | PC | black |
| 2 | - | LISA2_lens | PMMA | |

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION: 

DRAWING TITLE

Lisa2-PIN-XP assembly

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SIZE PART NUMBER

A4

-

SCALE

4:1

WEIGHT

0,5 g

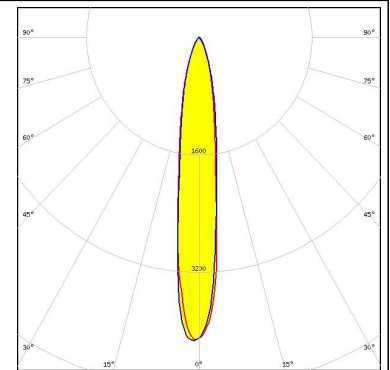
SHEET

1/1

PHOTOMETRIC DATA (MEASURED):

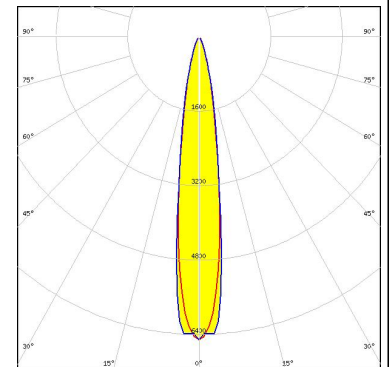
CREE 

LED XD16
 FWHM 15.0°
 Efficiency 70 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



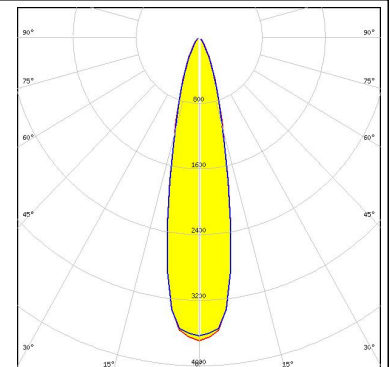
CREE 

LED XP-E
 FWHM 16.0°
 Efficiency 90 %
 Peak intensity 6.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



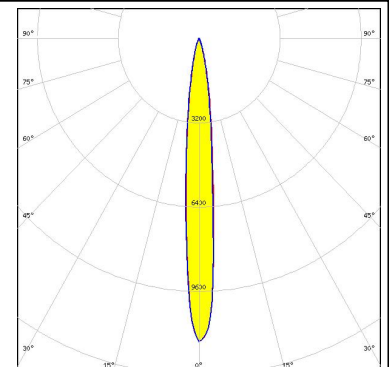
CREE 

LED XP-G
 FWHM 24.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

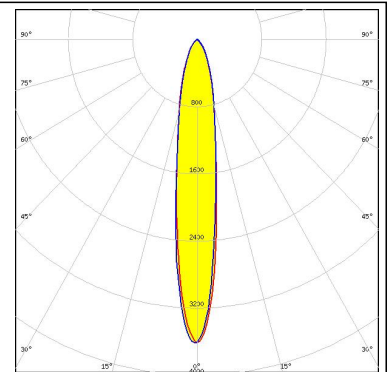
LED XQ-E HI
 FWHM 11.0°
 Efficiency 86 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



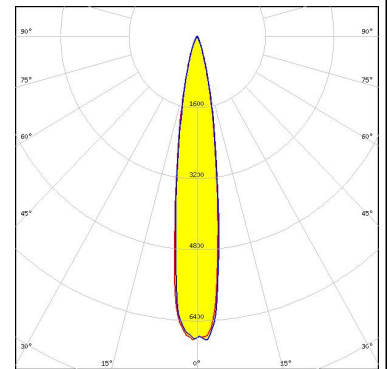
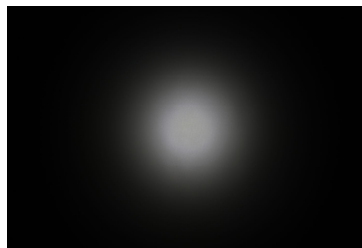
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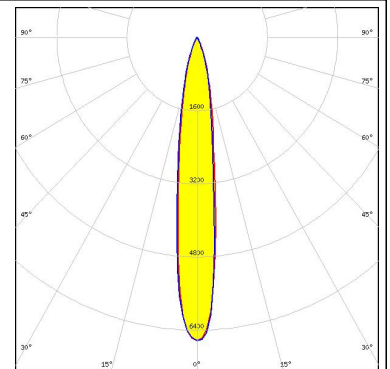
LED XT-E
 FWHM 16.0°
 Efficiency 77 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



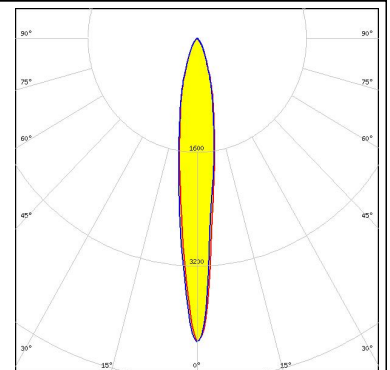
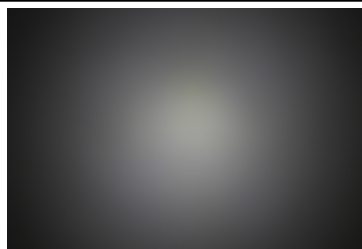
LED LUXEON C
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Z ES
 FWHM 15.0°
 Efficiency 84 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxE17A
 FWHM 13.0°
 Efficiency 72 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

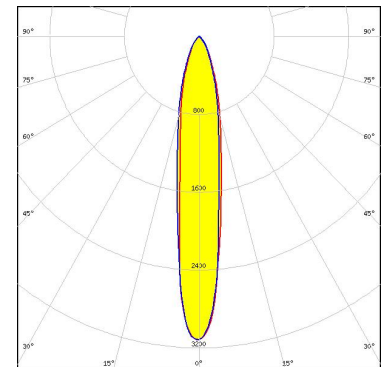
OSRAM

Opto Semiconductors

LED SFH 4180S
FWHM 9.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SAMSUNG

LED LH181B
FWHM 16.0°
Efficiency 71 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



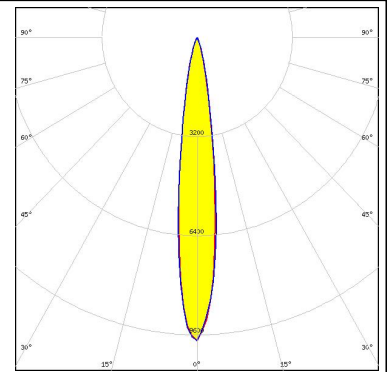
SHARP

LED Double Dome (GM2BB)
FWHM 18.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:

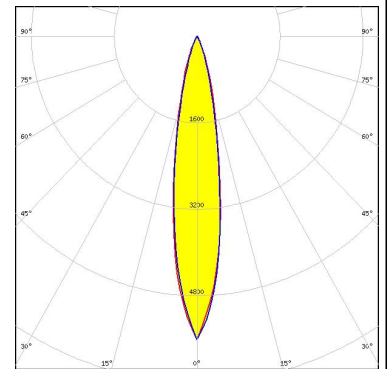
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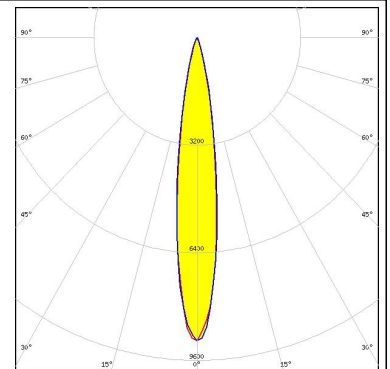
LED XQ-E HD
FWHM 14.5°
Efficiency 91 %
Peak intensity 10.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



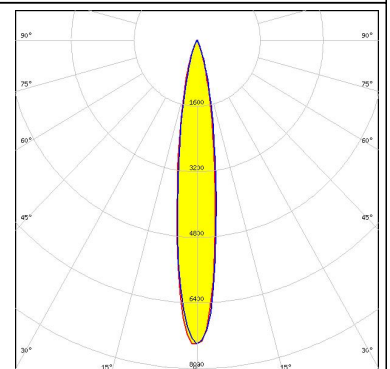
LED OSOLON Square EC
FWHM 18.0°
Efficiency 90 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSOLON SSL 150
FWHM 16.0°
Efficiency 92 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



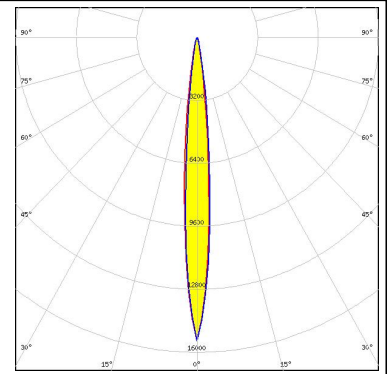
LED OSOLON SSL 80
FWHM 16.0°
Efficiency 90 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

| | |
|----------------------|-----------|
| LED | SFH 4170S |
| FWHM | 10.0° |
| Efficiency | 77 % |
| LEDs/each optic | 1 |
| Light colour | IR |
| 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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