

LISA3CSP-M-PIN

~25° medium beam

TECHNICAL SPECIFICATIONS:

| | |
|----------------|---|
| Dimensions | Ø 10.0 mm |
| Height | 7.2 mm |
| Fastening | pin |
| ROHS compliant | yes  |

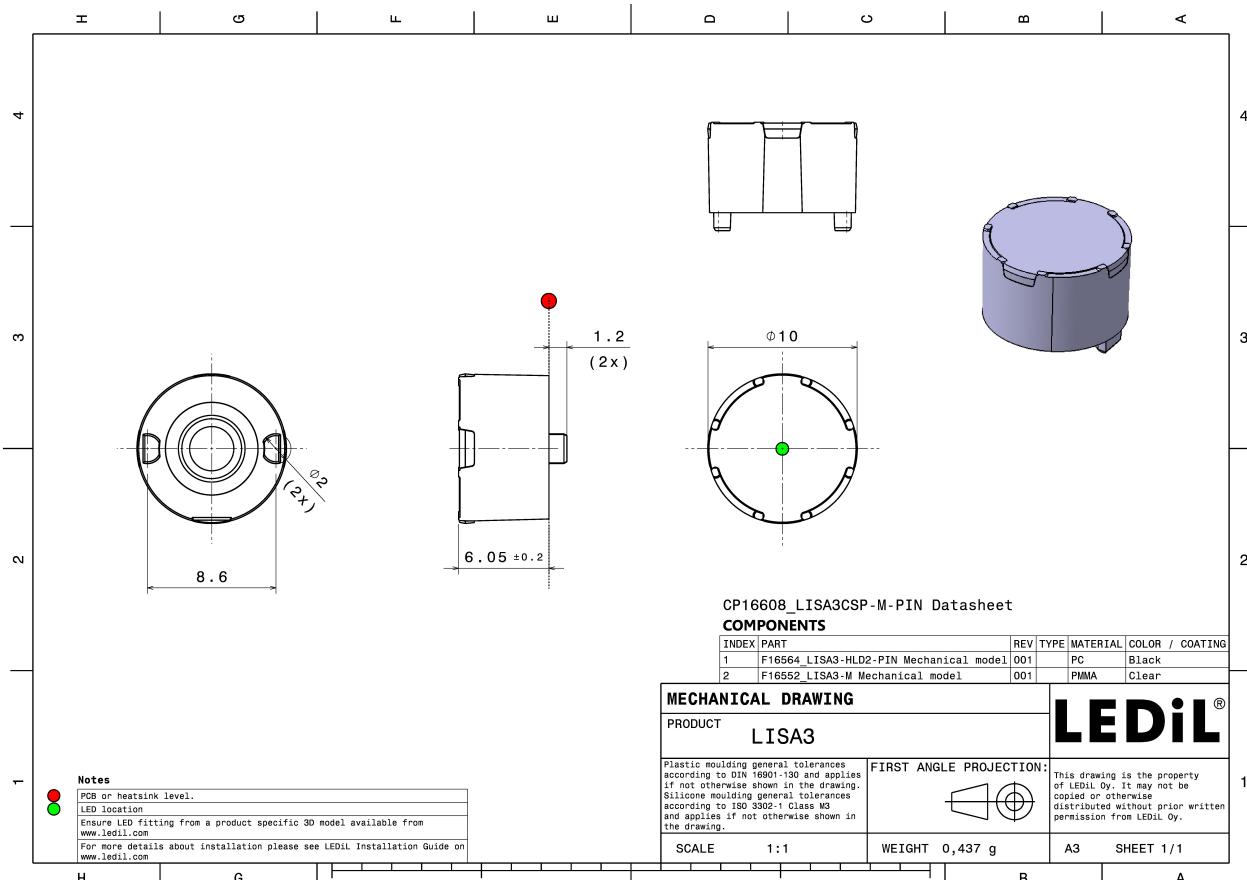


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|----------------|-------------|----------|--------|--------|
| LISA3-M | Single lens | PMMA | clear | |
| LISA3-HLD2-PIN | Holder | PC | black | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|-------------|------------|-----|-----|-----------------|
| FP16608_LISA3CSP-M-PIN » Box size: 310 x 230 x 60 mm | Single lens | 2000 | 300 | 100 | 1.3 |

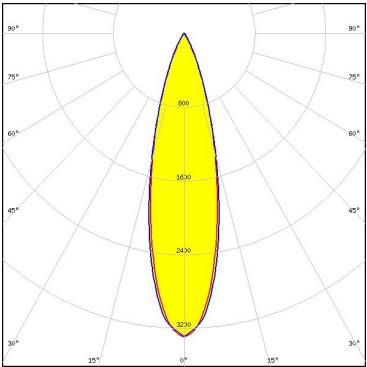
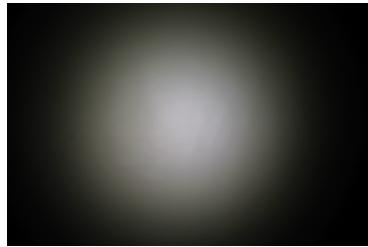


See also our general installation guide: www.ledil.com/installation_guide

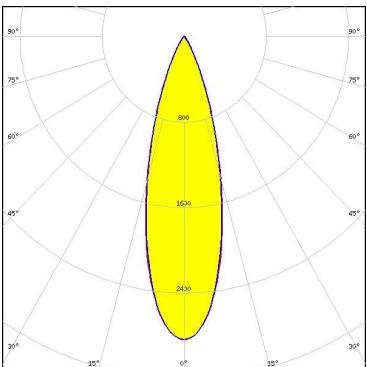
PHOTOMETRIC DATA (MEASURED):



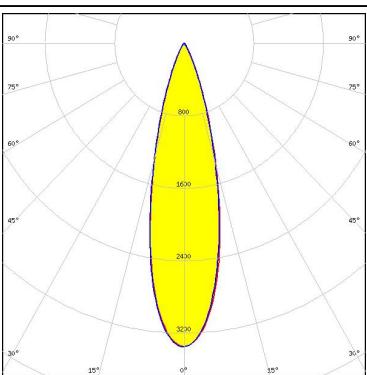
LED NCSxE17A
 FWHM / FWTM 27.0° / 51.0°
 Efficiency 89 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



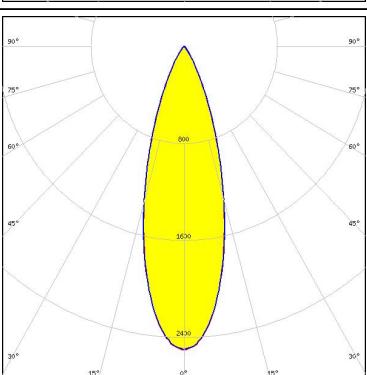
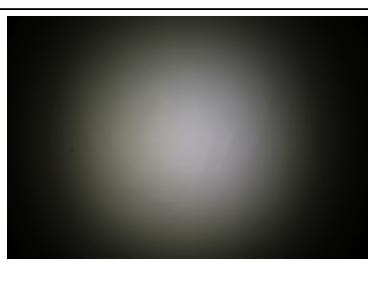
LED NVSxE21A
 FWHM / FWTM 30.0° / 55.0°
 Efficiency 90 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LH151B
 FWHM / FWTM 27.0° / 49.0°
 Efficiency 87 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



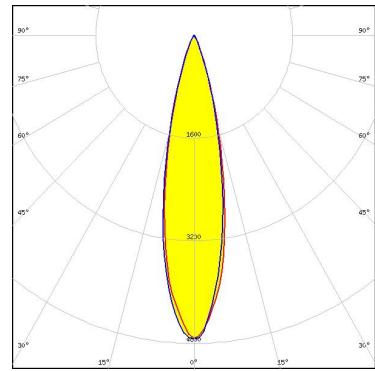
LED LH181B
 FWHM / FWTM 31.0° / 58.0°
 Efficiency 89 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

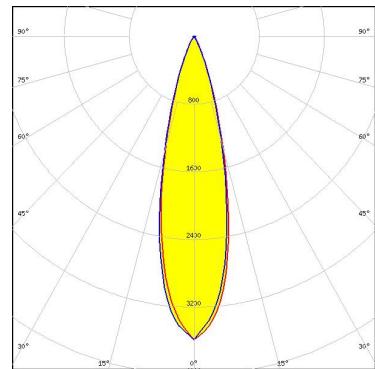
LUMILEDS

LED LUXEON CSP HL1
 FWHM / FWTM 23.0° / 43.0 + 42.0°
 Efficiency 95 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



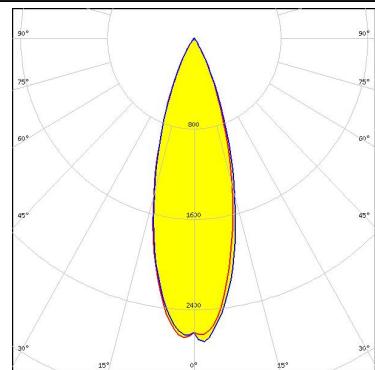
NICHIA

LED NFSWE11A
 FWHM / FWTM 26.0° / 47.0°
 Efficiency 82 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



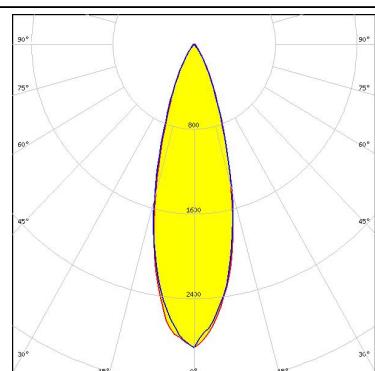
OSRAM

Opto Semiconductors
 LED OSCONIQ C 2424
 FWHM / FWTM 32.0° / 57.0°
 Efficiency 91 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

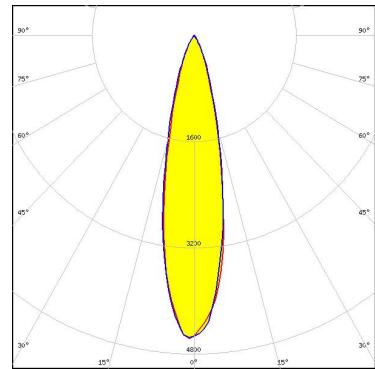
LED LH231B
 FWHM / FWTM 30.0° / 60.0°
 Efficiency 90 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

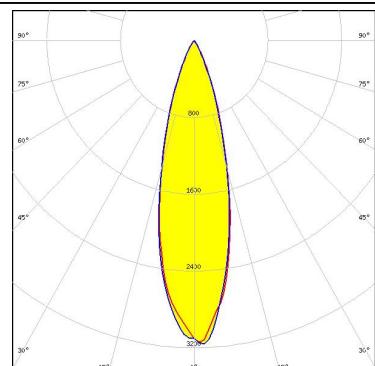
SAMSUNG

LED LM101B
 FWHM / FWTM 27.0° / 50.0°
 Efficiency 89 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



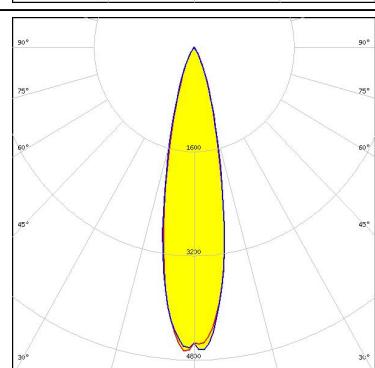
SEoul SEMICONDUCTOR

LED Z8Y11
 FWHM / FWTM 27.0° / 51.0°
 Efficiency 83 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



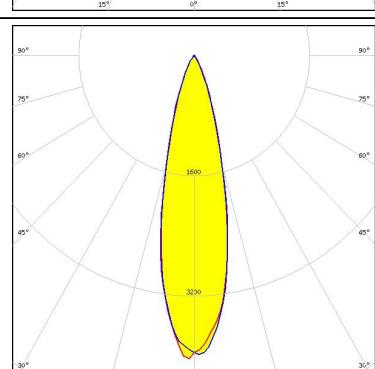
SEoul SEMICONDUCTOR

LED Z8Y15
 FWHM / FWTM 25.0° / 50.0°
 Efficiency 84 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEoul SEMICONDUCTOR

LED Z8Y19
 FWHM / FWTM 25.0° / 48.0°
 Efficiency 85 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



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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