

LISA2-M-PIN

~20° medium beam. 6.8 mm high variant with location pin installation.

SPECIFICATION:

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



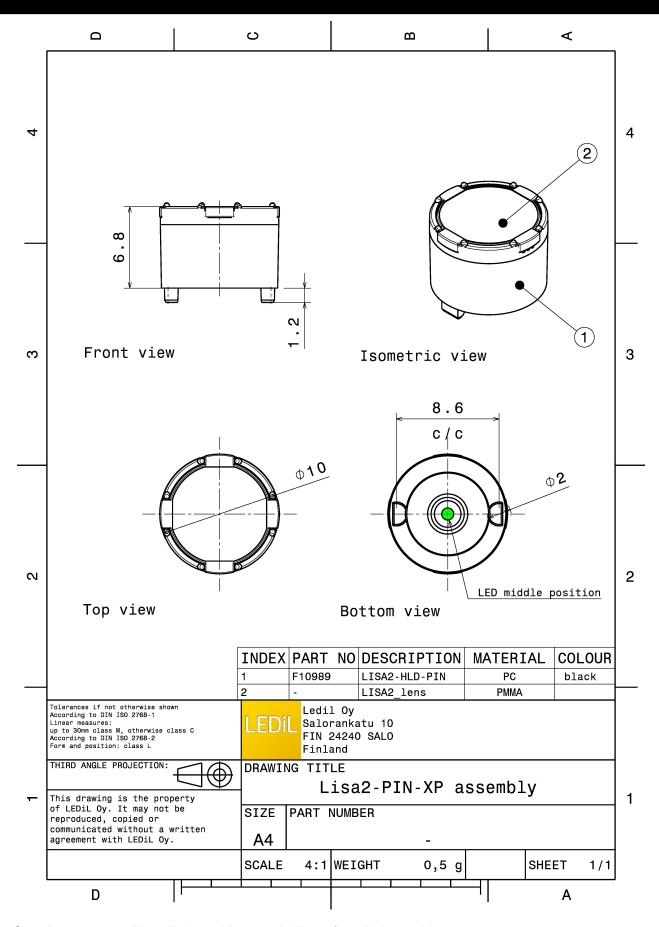
MATERIALS:

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

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------|-------------|------------|-----|-----|-----------------|
| FP13028_LISA2-M-PIN | Single lens | 2000 | | 100 | 1.4 |
| » Box size: | | | | | |

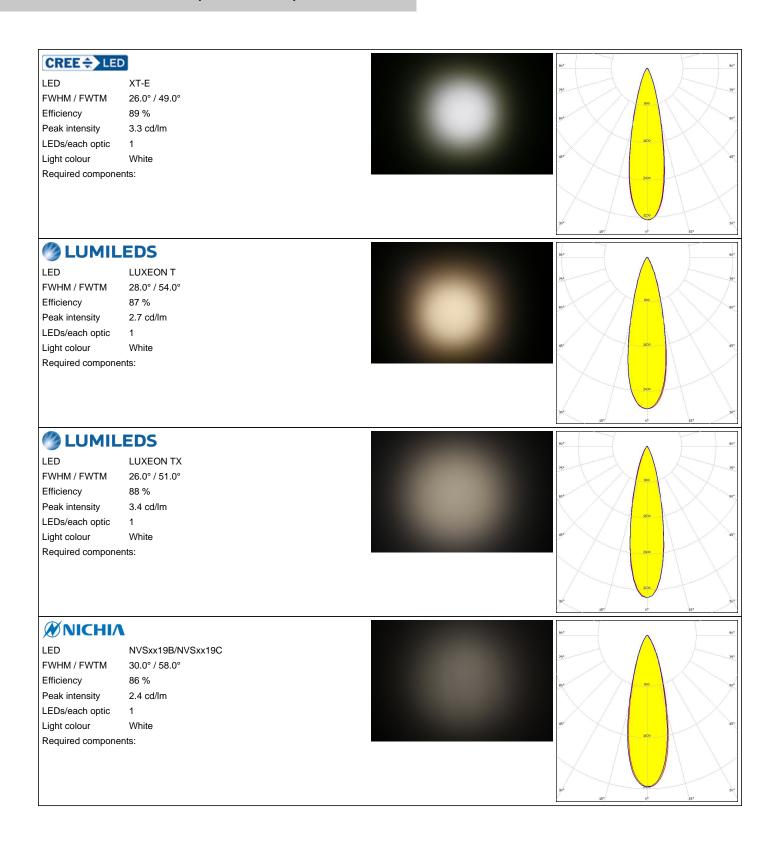
LEDIL®



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



OPTICAL RESULTS (MEASURED):





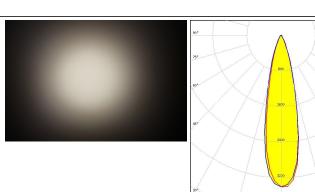
OPTICAL RESULTS (MEASURED):

OSRAM

LED OSLON Square EC

 $\begin{array}{lll} \text{FWHM / FWTM} & 26.0^{\circ} / 49.0^{\circ} \\ \text{Efficiency} & 84 \% \\ \text{Peak intensity} & 3.4 \text{ cd/lm} \\ \text{LEDs/each optic} & 1 \end{array}$

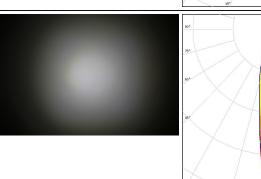
Light colour White Required components:



SAMSUNG

LED LH181B
FWHM / FWTM 20.0° / 53.0°
Efficiency 78 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1

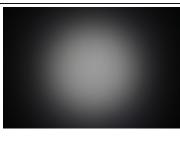
Light colour White Required components:

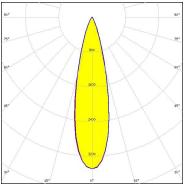


SAMSUNG

LED LH351Z
FWHM / FWTM 26.0° / 50.0°
Efficiency 87 %

Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour White Required components:





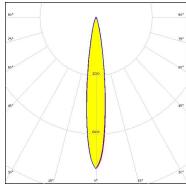


OPTICAL RESULTS (SIMULATED):

MUMILEDS

LED LUXEON IR Compact

FWHM / FWTM 15.0° / 31.0°
Efficiency 85 %
LEDs/each optic 1
Light colour IR
Required components:

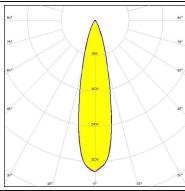


MUMILEDS

LED LUXEON Rebel ES

FWHM / FWTM 24.0° / 49.0°
Efficiency 90 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

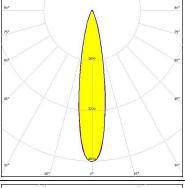


ELUMINUS

LED SST-20 FWHM / FWTM 20.0° / 42.0°

Efficiency 89 %
Peak intensity 4.8 cd/lm

Peak intensity 4.8 cd/
LEDs/each optic 1
Light colour White
Required components:

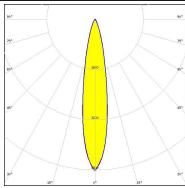


WNICHIA

LED NCSxx19B
FWHM / FWTM 19.0° / 42.0°
Efficiency 85 %

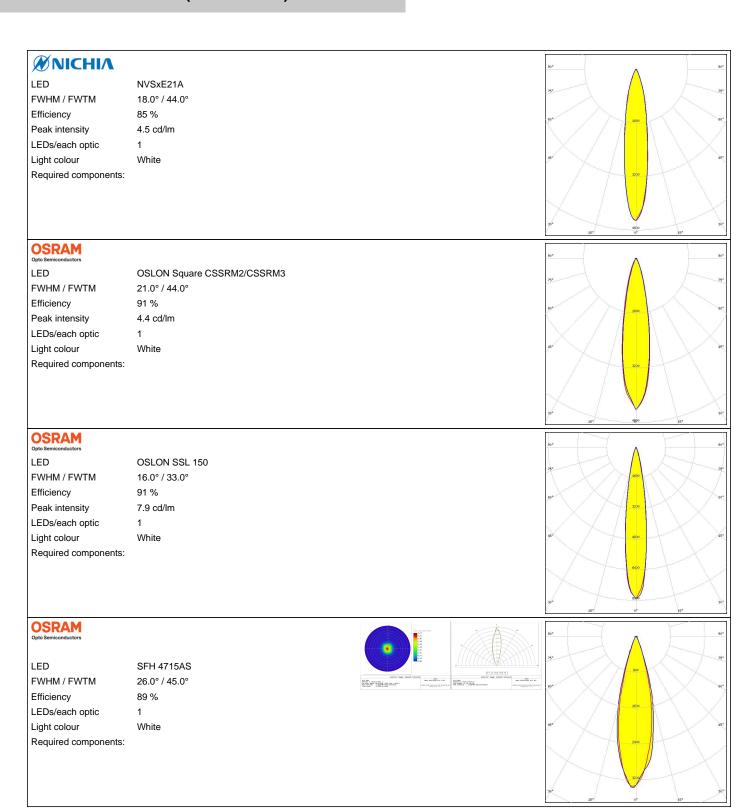
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



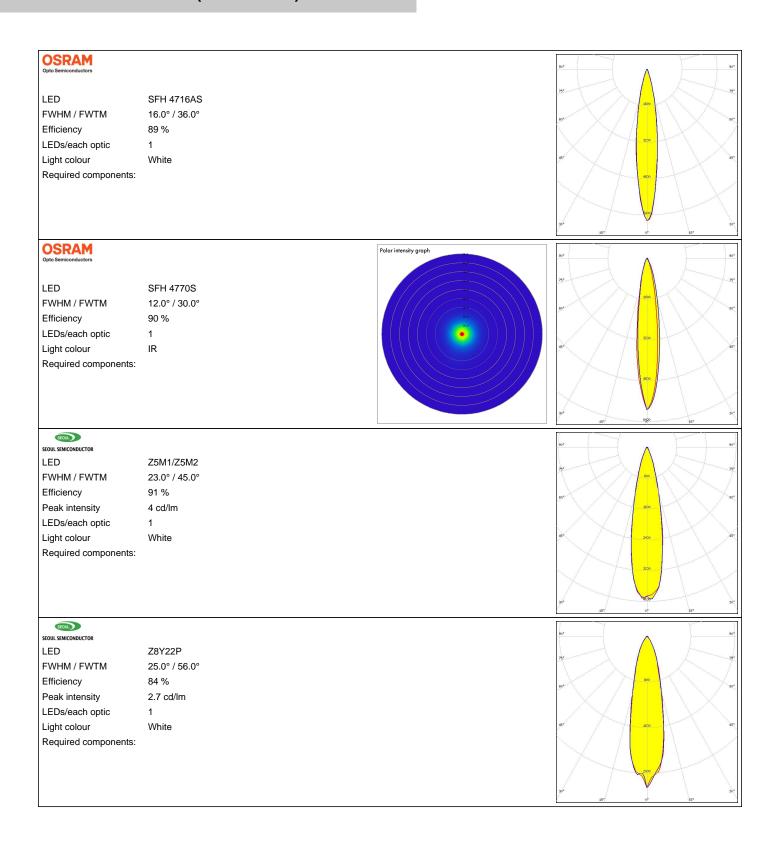


OPTICAL RESULTS (SIMULATED):





OPTICAL RESULTS (SIMULATED):





PRODUCT DATASHEET FP13028_LISA2-M-PIN

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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