

## LISA2-RS-PIN

~19° spot beam optimized for LUXEON Rebel.  
6.6 mm high variant with location pin installation.

### SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 9.9     |
| Height         | 6.6 mm    |
| Fastening      | glue, pin |
| ROHS compliant | yes ⓘ     |

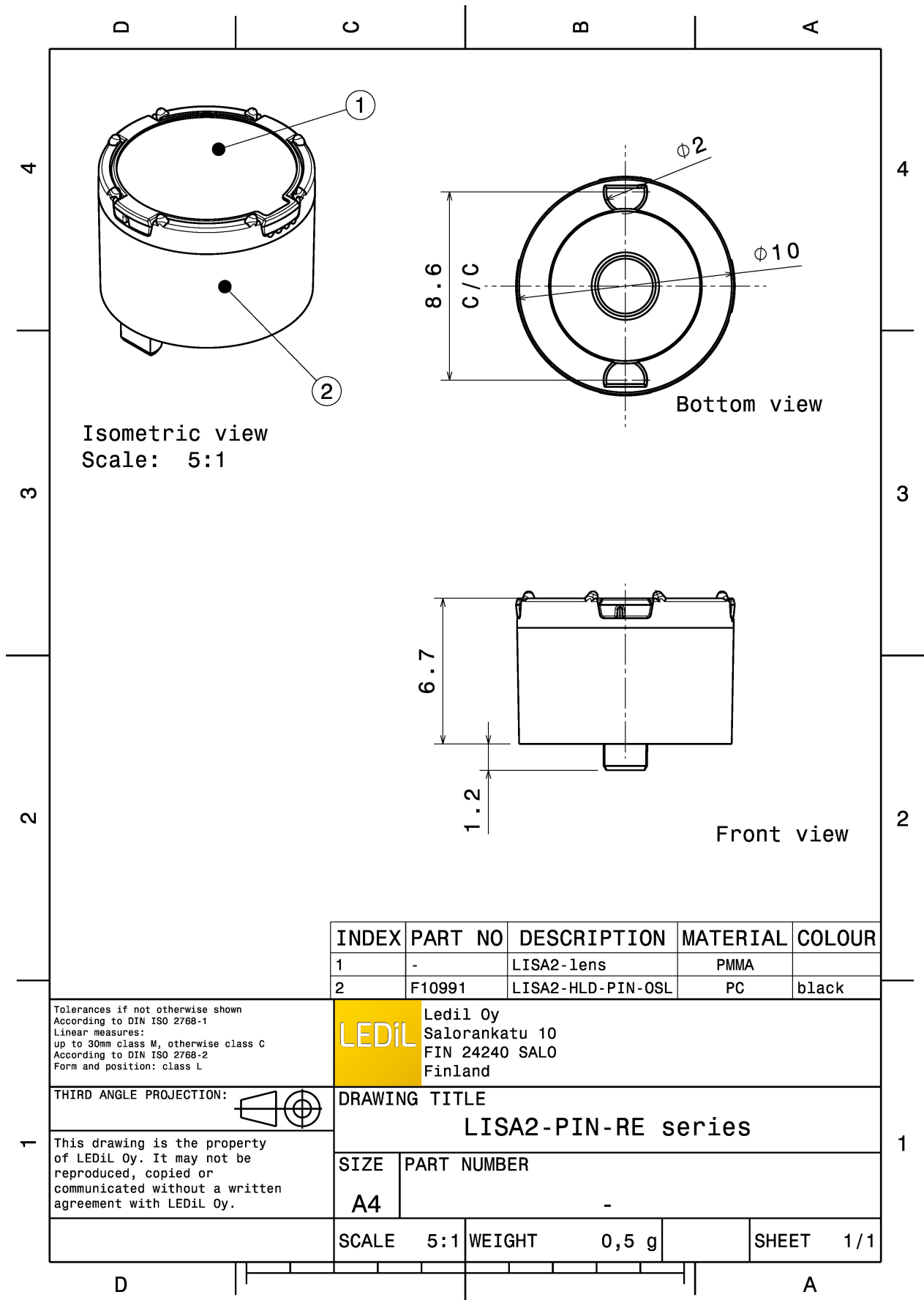


### MATERIALS:

| Component        | Type        | Material | Colour | Finish | Length (mm) |
|------------------|-------------|----------|--------|--------|-------------|
| LISA2-RS         | Single lens | PMMA     | clear  |        |             |
| LISA2-HLD-PIN-RE | Holder      | PC       | black  |        |             |

### ORDERING INFORMATION:

| Component            |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|----------------------|-------------|------------|-----|-----|-----------------|
| FP11056_LISA2-RS-PIN | Single lens | 2000       | 300 | 100 | 1.4             |
| » Box size:          |             |            |     |     |                 |



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

#### LUMILEDS

LED LUXEON A  
FWHM / FWTM 23.0° / 48.0°  
Efficiency 91 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



[Light distribution files](#)

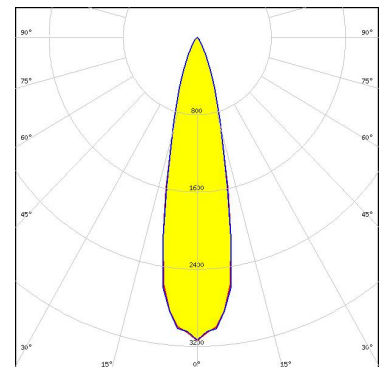
#### LUMILEDS

LED LUXEON Rebel  
FWHM / FWTM 18.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM / FWTM 24.0° / 50.0°  
Efficiency 91 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

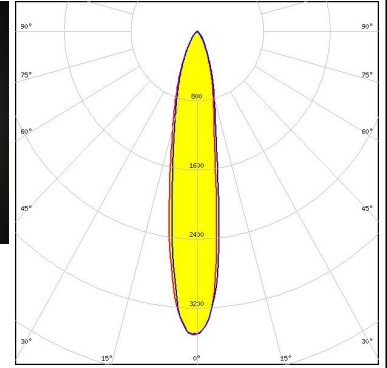


[Light distribution files](#)

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

LED LH181B  
FWHM / FWTM 18.0° / 50.0°  
Efficiency 80 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

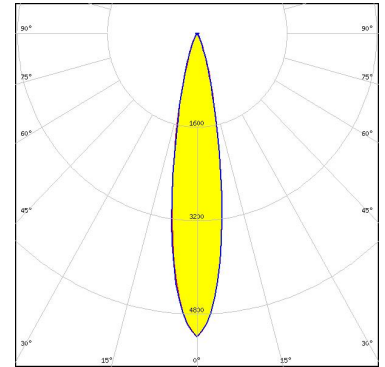


Light distribution files

### OPTICAL RESULTS (SIMULATED):



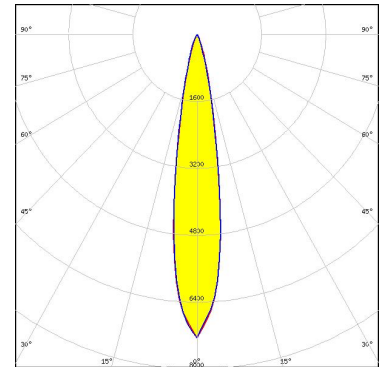
LED XD16  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 85 %  
Peak intensity 5.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



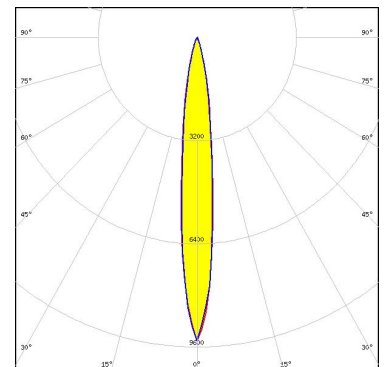
LED LUXEON Rebel  
FWHM / FWTM 18.0° / 34.0°  
Efficiency 92 %  
Peak intensity 7.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

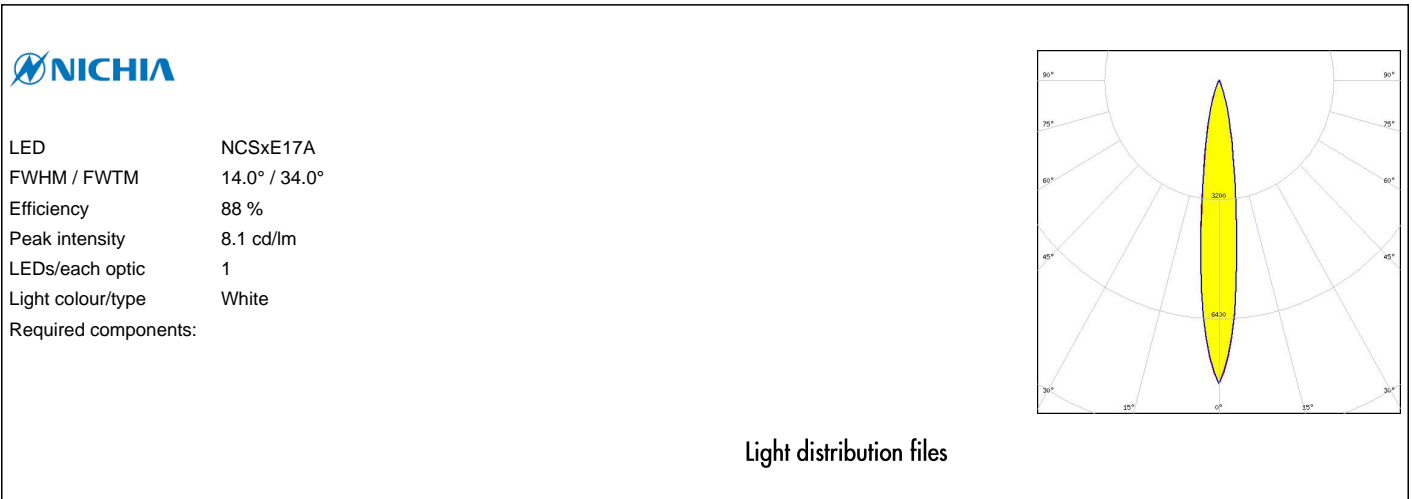


LED NCSWE13A  
FWHM / FWTM 12.0° / 30.0°  
Efficiency 82 %  
Peak intensity 9.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### OPTICAL RESULTS (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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