

## EMILY-M2

~30° medium beam. 14.88 mm high lens.

### SPECIFICATION:

|                |   |
|----------------|---|
| Dimensions     | Ø 26.0  |
| Height         | 14.9 mm   |
| Fastening      | tape, pin   |
| ROHS compliant | yes  |

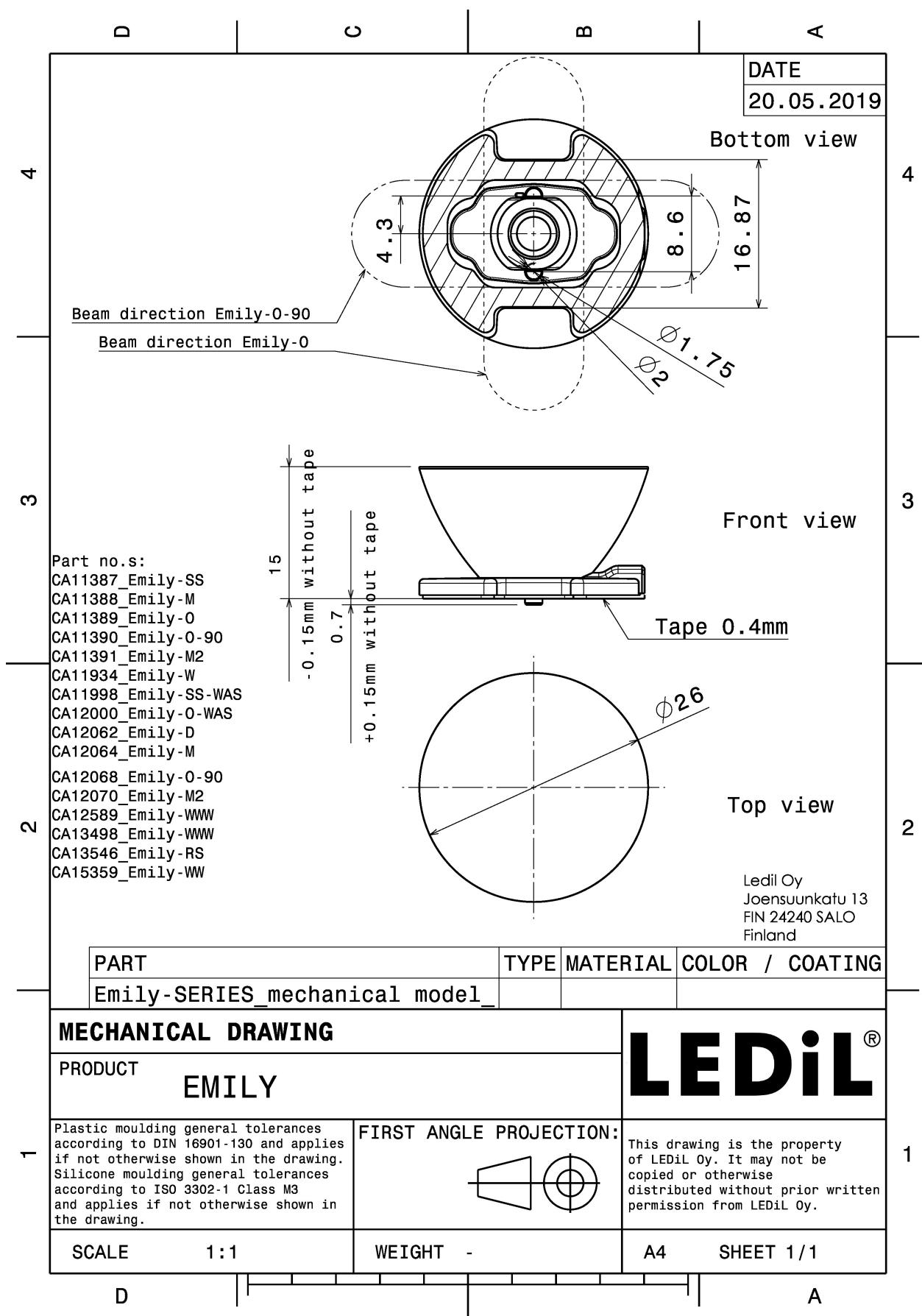


### MATERIALS:

| Component    | Type        | Material   | Colour | Finish | Length (mm) |
|--------------|-------------|------------|--------|--------|-------------|
| EMILY-M2     | Single lens | PMMA       | clear  |        |             |
| SPUTNIK-TAPE | Tape        | Acryl tape | black  |        |             |

### ORDERING INFORMATION:

| Component  | Qty in box  | MOQ  | MPQ | Box weight (kg) |      |
|--|-------------|------|-----|-----------------|------|
| CA11391_EMILY-M2<br>» Box size: 480 x 280 x 300 mm | Single lens | 1690 | 260 | 130             | 10.6 |

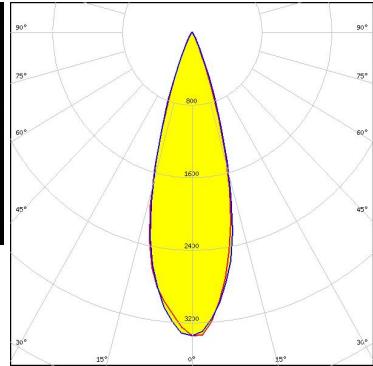
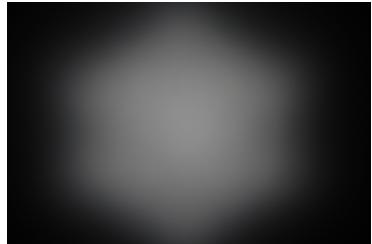


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):



LED XB-H  
 FWHM / FWTM 30.0° / 47.0°  
 Efficiency 89 %  
 Peak intensity 3.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-E  
 FWHM / FWTM 29.0° / 47.0°  
 Efficiency 92 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Light distribution files



LED XP-G  
 FWHM / FWTM 29.0° / 44.0°  
 Efficiency 92 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Light distribution files

## OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel  
FWHM / FWTM 28.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



LED NCSxx19A  
FWHM / FWTM 30.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



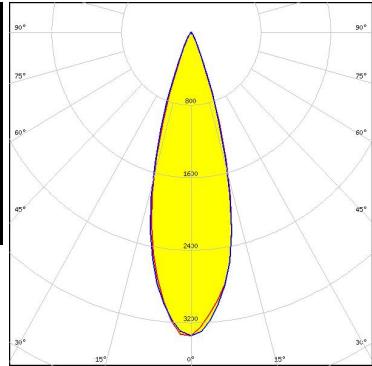
LED NVSxx19A  
FWHM / FWTM 28.0° / 48.0°  
Efficiency 88 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)

## OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square EC  
FWHM / FWTM 30.0° / 47.0°  
Efficiency 89 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 30.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 28.0°  
Efficiency 85 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

## OPTICAL RESULTS (MEASURED):

|   |
|---|
|  SEOUL SEMICONDUCTOR |
| LED Z5  |
| FWHM / FWTM 28.0°   |
| Efficiency %  |
| LEDs/each optic 1   |
| Light colour/type White   |
| Required components:  |
| Light distribution files  |

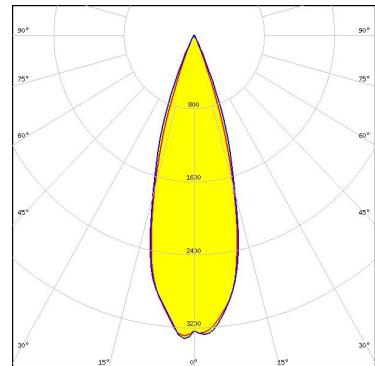
|                          |
|--------------------------|
| <b>SHARP</b>             |
| LED Double Dome (GM2BB)  |
| FWHM / FWTM 28.0°        |
| Efficiency %             |
| LEDs/each optic 1        |
| Light colour/type White  |
| Required components:     |
| Light distribution files |

## OPTICAL RESULTS (SIMULATED):



|                   |               |
|-------------------|---------------|
| LED               | XP-E          |
| FWHM / FWTM       | 31.0° / 48.0° |
| Efficiency        | 93 %          |
| Peak intensity    | 3.4 cd/lm     |
| LEDs/each optic   | 1             |
| Light colour/type | White         |

Required components:

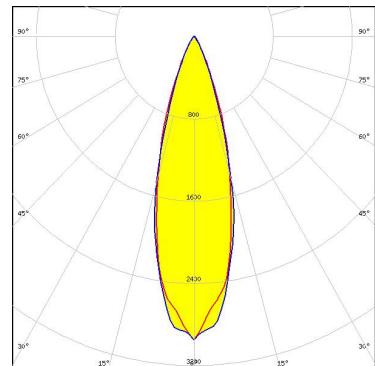


Light distribution files



|                   |           |
|-------------------|-----------|
| LED               | NCSxx19B  |
| FWHM / FWTM       | 28.0°     |
| Efficiency        | 89 %      |
| Peak intensity    | 2.9 cd/lm |
| LEDs/each optic   | 1         |
| Light colour/type | White     |

Required components:

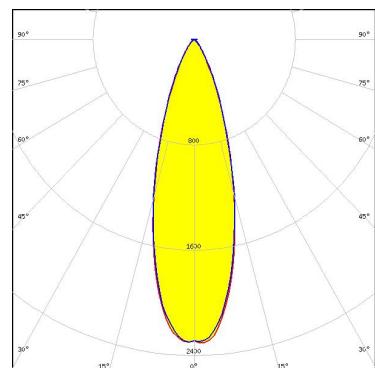


Light distribution files



|                   |               |
|-------------------|---------------|
| LED               | NVSxE21A      |
| FWHM / FWTM       | 32.0° / 61.0° |
| Efficiency        | 92 %          |
| Peak intensity    | 2.3 cd/lm     |
| LEDs/each optic   | 4             |
| Light colour/type | White         |

Required components:



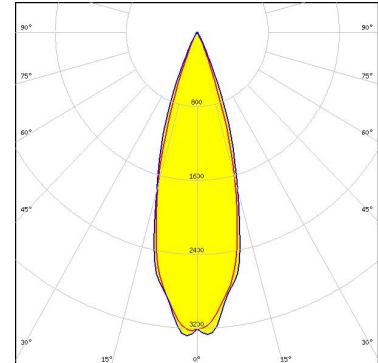
Light distribution files

## OPTICAL RESULTS (SIMULATED):

### OSRAM

Opto Semiconductors

LED OSCONIQ P 3030  
FWHM / FWTM 31.0° / 49.0°  
Efficiency 96 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

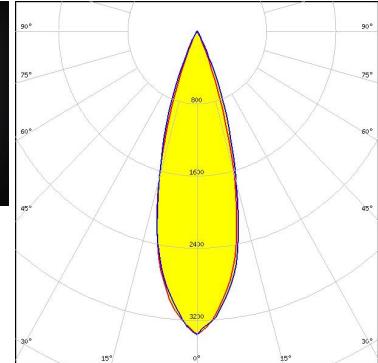
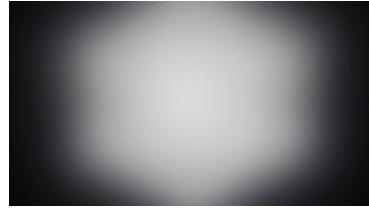


Light distribution files

### OSRAM

Opto Semiconductors

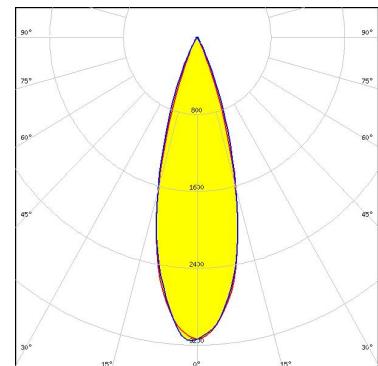
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 30.0° / 49.0°  
Efficiency 94 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### SAMSUNG

LED LH351B  
FWHM / FWTM 30.0° / 50.0°  
Efficiency 93 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

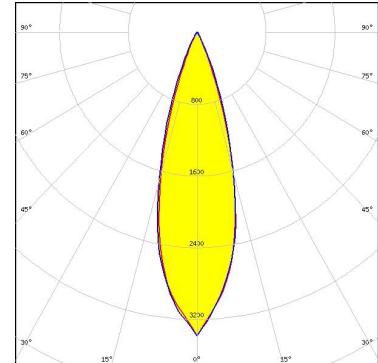


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 29.0° / 50.0°  
Efficiency 94 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

## 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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