

## EMILY-M

~20° medium beam. 14.85 mm high lens.

### TECHNICAL SPECIFICATIONS:

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

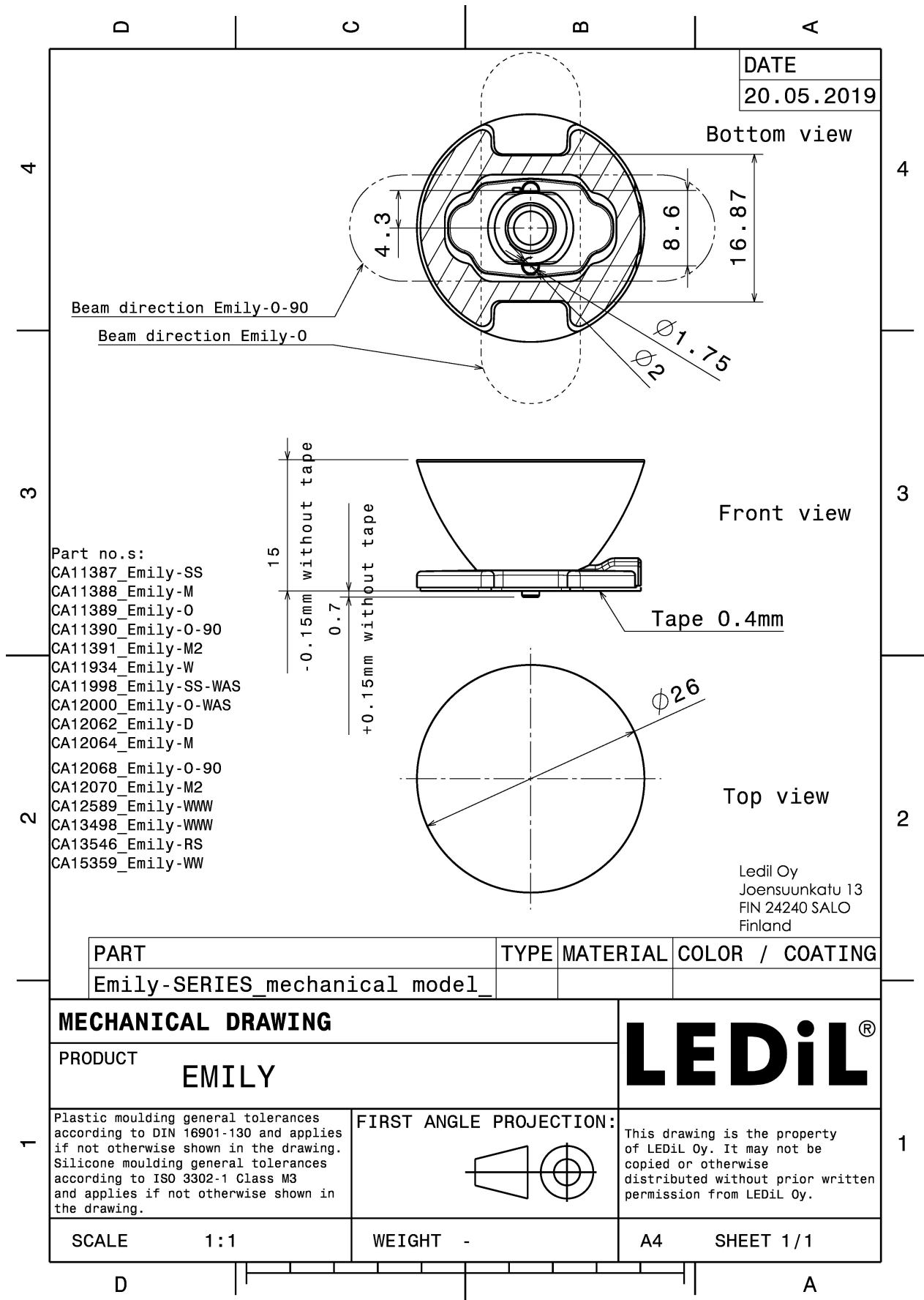
### MATERIAL SPECIFICATIONS:

| Component    | Type        | Material     | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| EMILY-M      | Single lens | PMMA         | clear  |        |
| SPUTNIK-TAPE | Tape        | Acrylic foam | black  |        |

### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA11388_EMILY-M                | Single lens | 1690       | 260 | 130 | 10.4            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



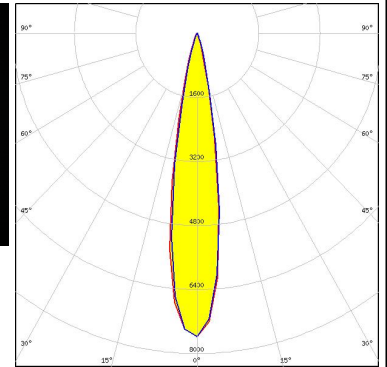


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

#### CREE → LED

LED XB-H  
 FWHM / FWTM 18.0° / 32.0°  
 Efficiency 89 %  
 Peak intensity 7.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE → LED

LED XP-E  
 FWHM / FWTM 18.0° / 27.0°  
 Efficiency 93 %  
 Peak intensity 7.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### CREE → LED

LED XP-G  
 FWHM / FWTM 18.0° / 30.0°  
 Efficiency 93 %  
 Peak intensity 7.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### LUMILEDS

LED LUXEON Rebel  
 FWHM / FWTM 18.0° / 29.0°  
 Efficiency 91 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### PHOTOMETRIC DATA (MEASURED):



LED NCSxx19A  
FWHM / FWTM 18.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:

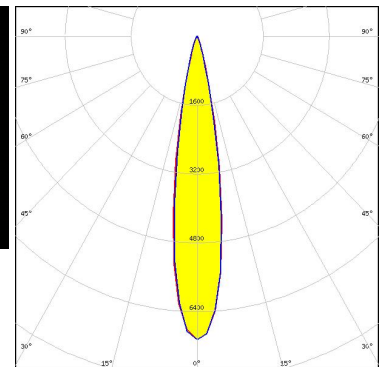


LED NVSxx19A  
FWHM / FWTM 18.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:



Ospto Semiconductors

LED OSLOM Square EC  
FWHM / FWTM 18.0° / 32.0°  
Efficiency 89 %  
Peak intensity 8.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Ospto Semiconductors

LED OSLOM SSL 150  
FWHM / FWTM 20.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (MEASURED):

### **OSRAM** Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 18.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



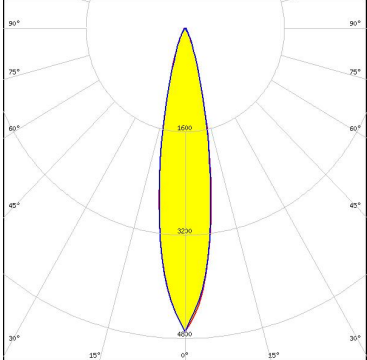
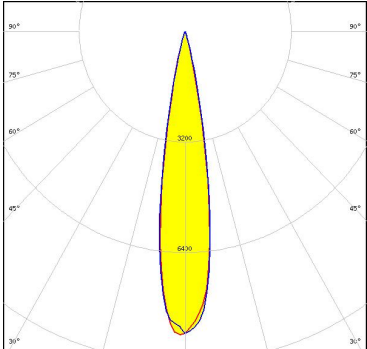
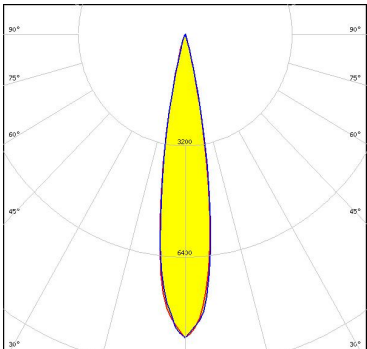
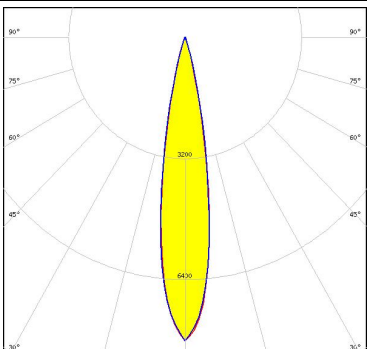
### SEOUL SEMICONDUCTOR

LED Z5  
FWHM / FWTM 18.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

### **SHARP**

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

### PHOTOMETRIC DATA (SIMULATED):

|   |   |
|---|---|
| <p><b>NICHIA</b></p> <p>LED: NCSxE17A<br/>           FWHM / FWTM: 20.0° / 41.0°<br/>           Efficiency: 91 %<br/>           Peak intensity: 4.7 cd/lm<br/>           LEDs/each optic: 4<br/>           Light colour: White<br/>           Required components:</p>   |    |
| <p><b>NICHIA</b></p> <p>LED: NCSxx19B<br/>           FWHM / FWTM: 18.0°<br/>           Efficiency: 91 %<br/>           Peak intensity: 8.7 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>   |   |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3<br/>           FWHM / FWTM: 18.0° / 30.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 8.7 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |  |
| <p><b>SAMSUNG</b></p> <p>LED: LH351B<br/>           FWHM / FWTM: 18.0° / 32.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 8 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>  |  |

### 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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