


## EMILY-SS

~11° smooth spot beam. 14.82 mm high lens.

### TECHNICAL SPECIFICATIONS:

|                |   |
|----------------|---|
| Dimensions     | Ø 26.0 mm   |
| Height         | 14.8 mm   |
| Fastening      | tape, pin   |
| ROHS compliant | yes  |

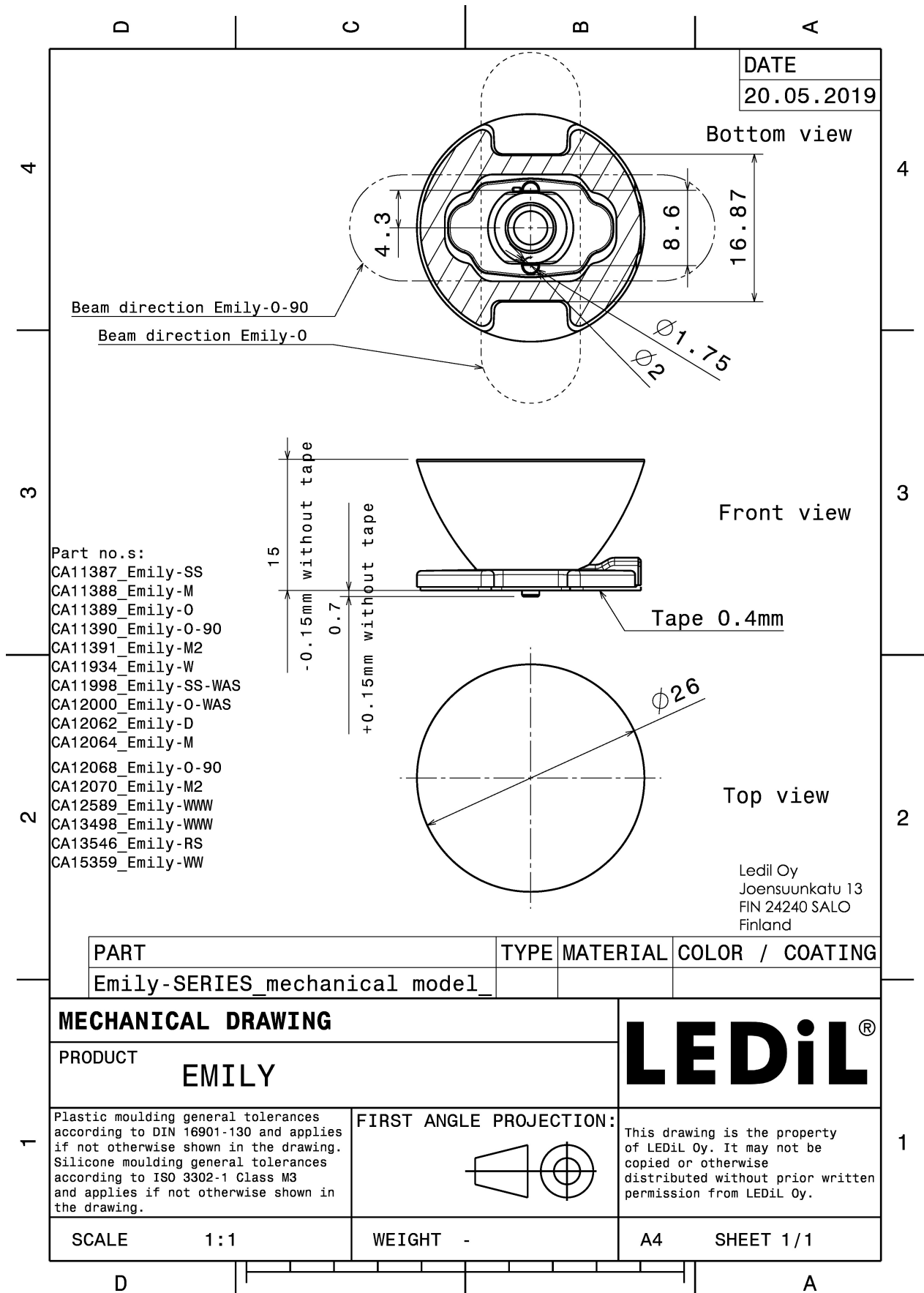
### MATERIAL SPECIFICATIONS:

| Component    | Type        | Material | Colour | Finish |
|--------------|-------------|----------|--------|--------|
| EMILY-SS     | Single lens | PMMA     | clear  |        |
| SPUTNIK-TAPE | Tape        | PU tape  | black  |        |



### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA11387_EMILY-SS               | Single lens | 1690       | 260 | 130 | 10.4            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



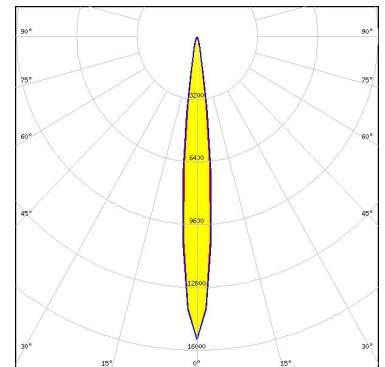
### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 10.0°  
Efficiency 93 %  
Peak intensity 17.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

LED XP-G  
FWHM 11.0°  
Efficiency 93 %  
Peak intensity 15.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON Rebel  
FWHM 10.0°  
Efficiency 93 %  
Peak intensity 15.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

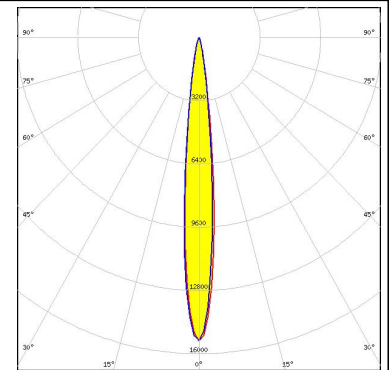
#### NICHIA

LED NCSxx19A  
FWHM 11.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (MEASURED):



LED NCSxx19B  
FWHM 12.0°  
Efficiency 87 %  
Peak intensity 15.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 13.0°  
Efficiency 91 %  
Peak intensity 11.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors


LED OSOLON SSL 150  
FWHM 12.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors

LED OSOLON SSL 80  
FWHM 11.0°  
Efficiency 88 %  
Peak intensity 6.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (MEASURED):

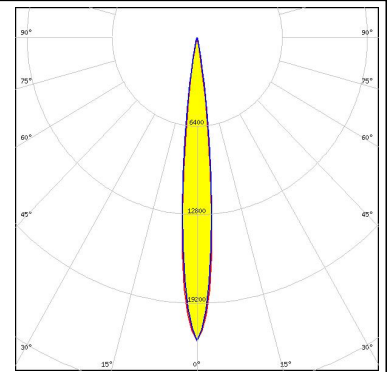
|  |                     |
|--|---------------------|
| <br>SEOUL SEMICONDUCTOR |                     |
| LED  | Z5                  |
| FWHM   | 10.0°               |
| Efficiency   | %                   |
| LEDs/each optic  | 1                   |
| Light colour   | White               |
| Required components:   |                     |
| <b>SHARP</b>   |                     |
| LED  | Double Dome (GM2BB) |
| FWHM   | 10.0°               |
| Efficiency   | 94 %                |
| LEDs/each optic  | 1                   |
| Light colour   | White               |
| Required components:   |                     |

### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

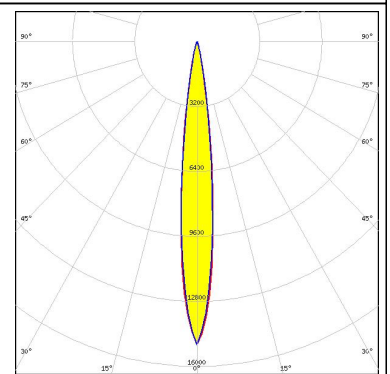
Opto Semiconductors

LED OSTAR Projection Compact (Kx.CSLNM1.xx)  
FWHM 12.0°  
Efficiency 96 %  
Peak intensity 21.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LH351B  
FWHM 12.0°  
Efficiency 94 %  
Peak intensity 14.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### 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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