

## EMILY-M2

~30° medium beam. 14.88 mm high lens.

### SPECIFICATION:

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

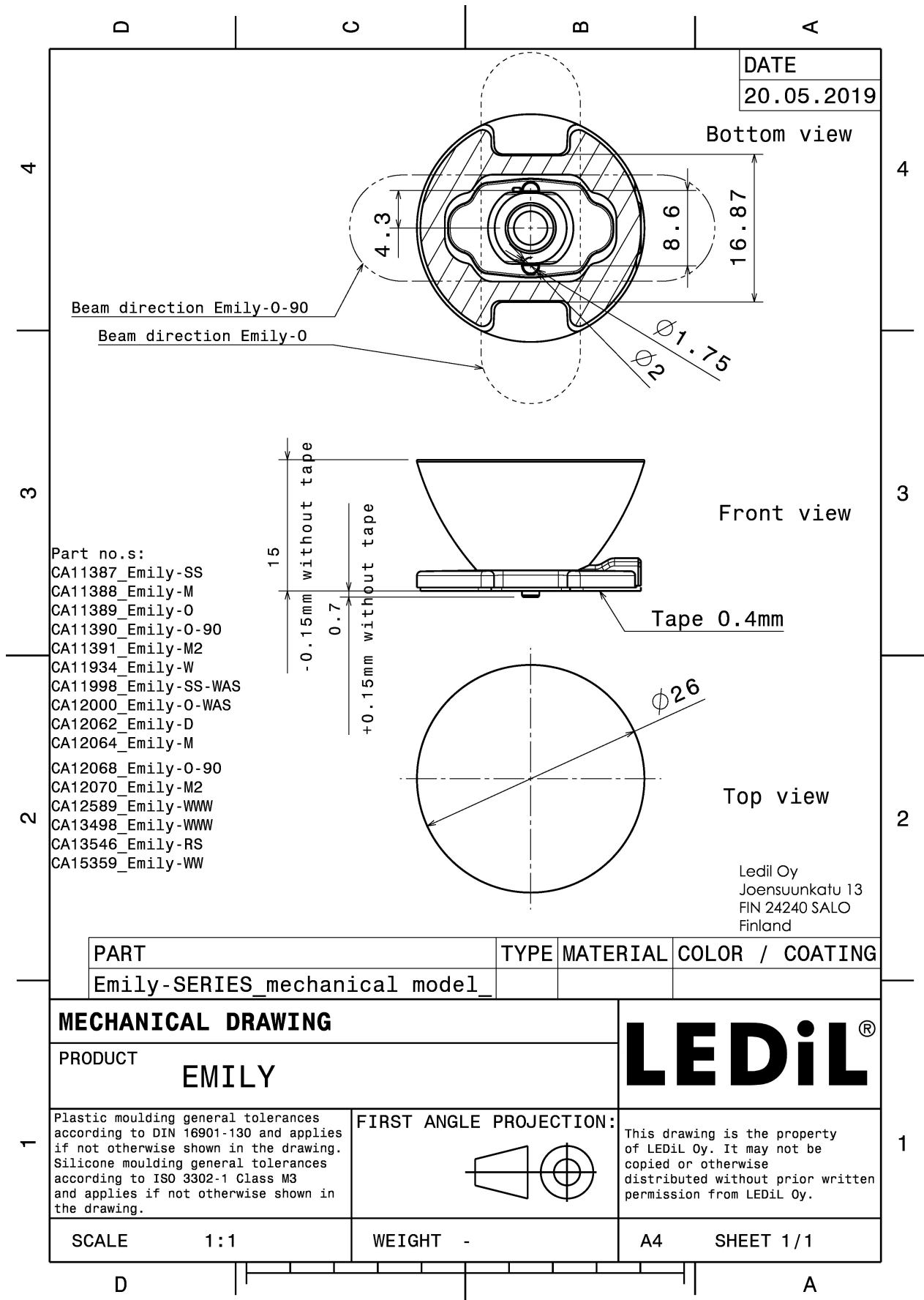
### MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-M2	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

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



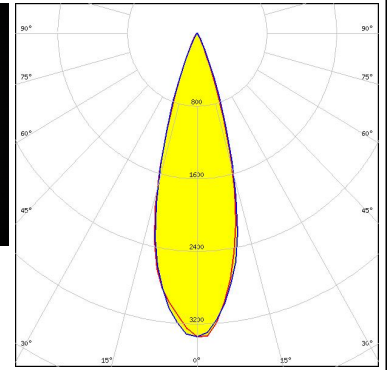
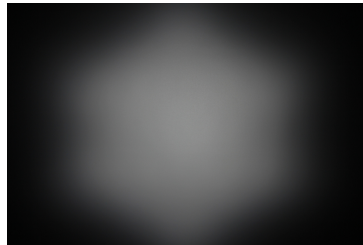


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

##### CREE → LED

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



##### CREE → LED

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

##### CREE → LED

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

##### LUMILEDS

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

### OPTICAL RESULTS (MEASURED):



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

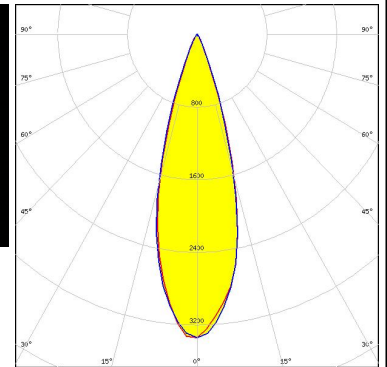


LED NVSxx19A  
FWHM / FWTM 28.0° / 48.0°  
Efficiency 88 %  
Peak intensity 2.9 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



Ospto Semiconductors

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



Ospto Semiconductors

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

## OPTICAL RESULTS (MEASURED):

### **OSRAM** Opto Semiconductors

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



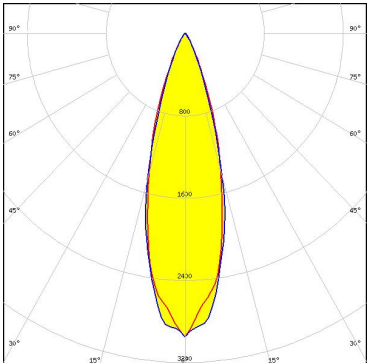
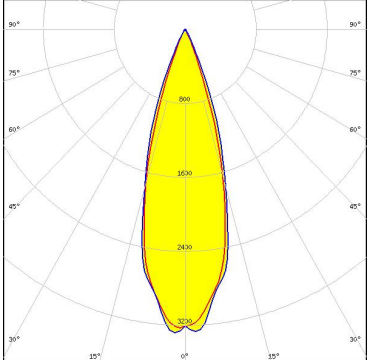

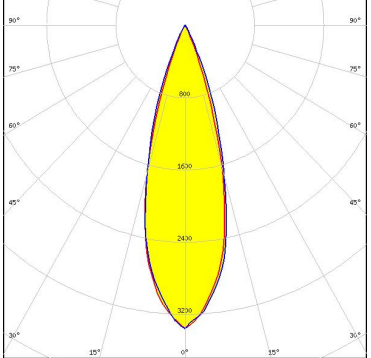
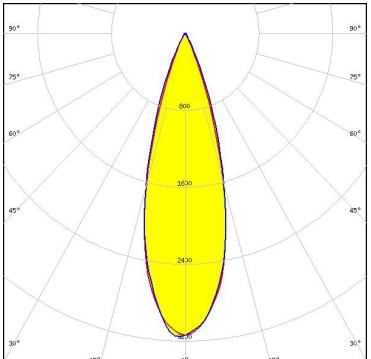
### SEOUL SEMICONDUCTOR

LED Z5  
FWHM / FWTM 28.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

### **SHARP**

LED Double Dome (GM2BB)  
FWHM / FWTM 28.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

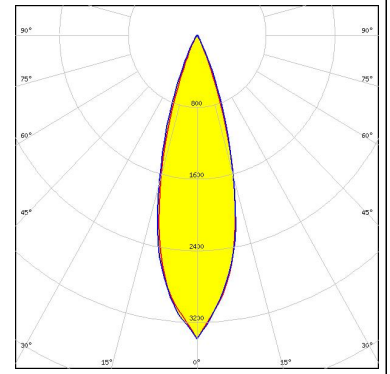
### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NCSxx19B            FWHM / FWTM 28.0°            Efficiency 89 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ P 3030            FWHM / FWTM 31.0° / 49.0°            Efficiency 96 %            Peak intensity 3.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSOLON Square CSSRM2/CSSRM3            FWHM / FWTM 30.0° / 49.0°            Efficiency 94 %            Peak intensity 3.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 
<p><b>SAMSUNG</b></p> <p>LED LH351B            FWHM / FWTM 30.0° / 50.0°            Efficiency 93 %            Peak intensity 3.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

## 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	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:

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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