

## EMILY-M

~20° medium beam. 14.85 mm high lens.

### SPECIFICATION:

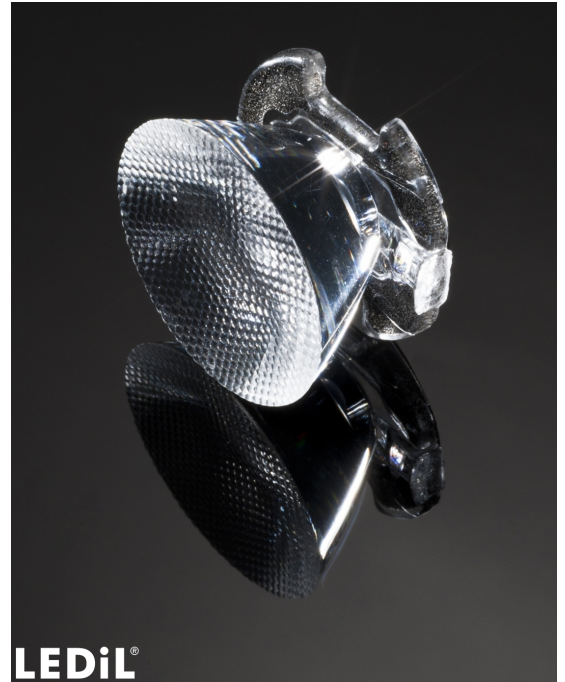
Dimensions	Ø 26.0 mm
Height	14.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

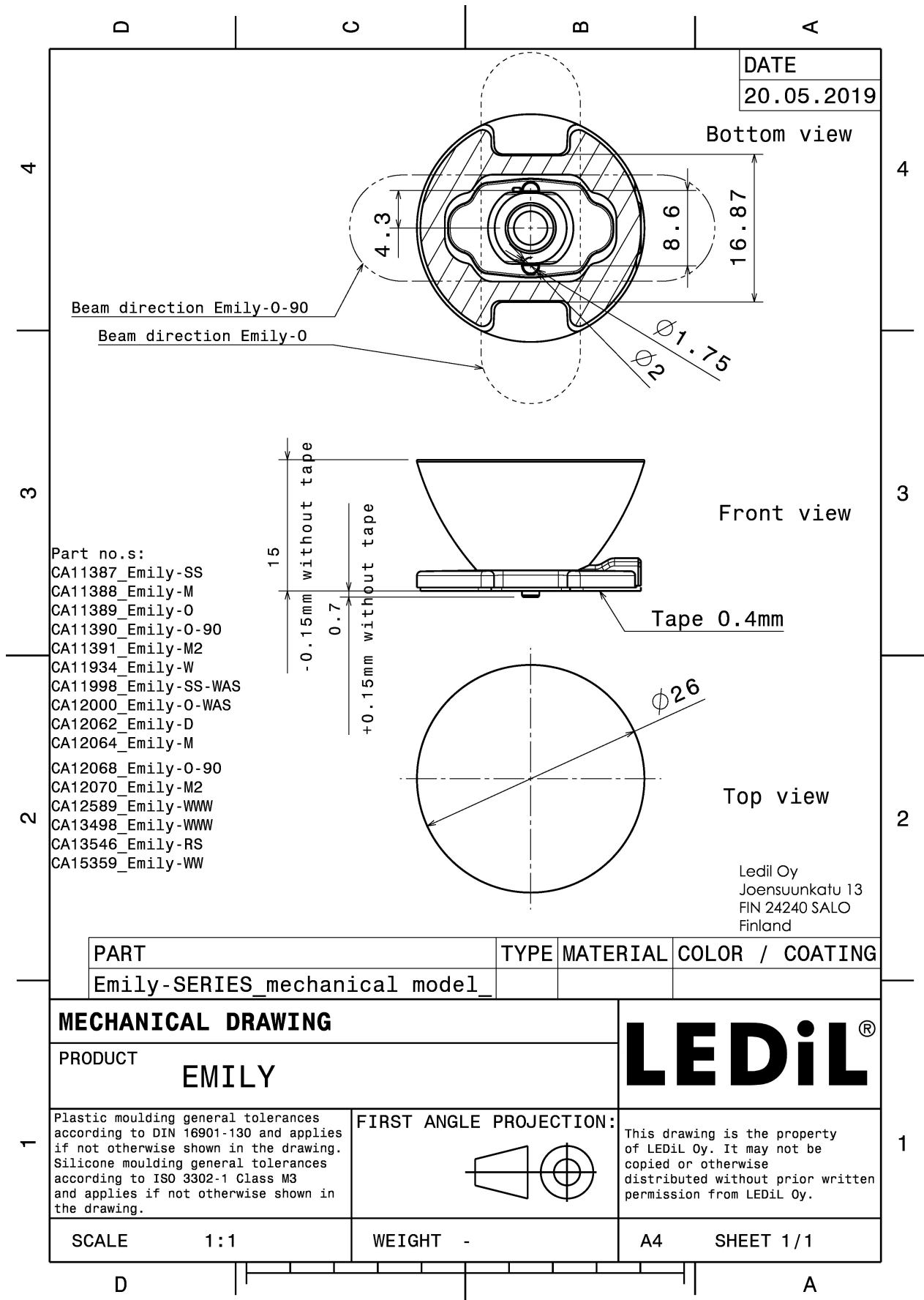
### MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-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					



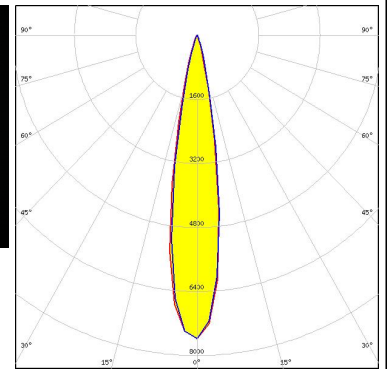


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



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:



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:



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:



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:

### OPTICAL RESULTS (MEASURED):



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

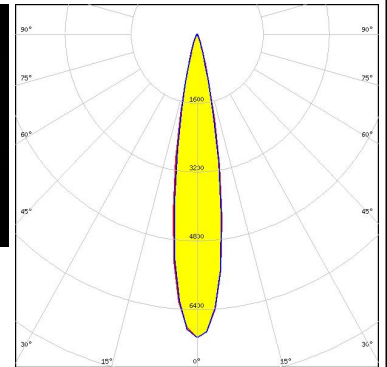


LED NVSxx19A  
FWHM / FWTM 18.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:



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:

## OPTICAL RESULTS (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:

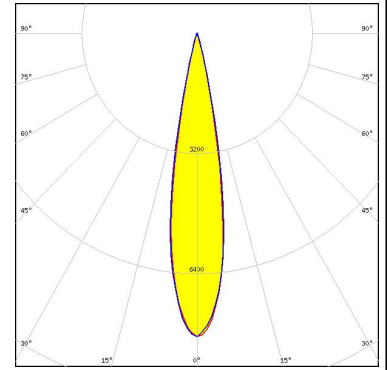
### **SHARP**

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

### OPTICAL RESULTS (SIMULATED):

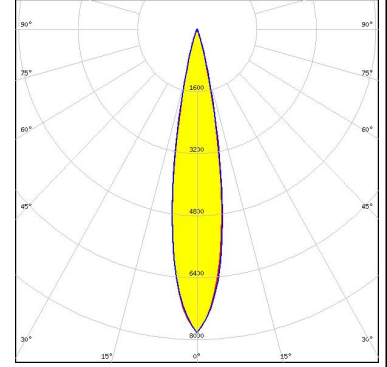
#### LUMILEDS

LED LUXEON C  
 FWHM / FWTM 20.0° / 30.0°  
 Efficiency 91 %  
 Peak intensity 8.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



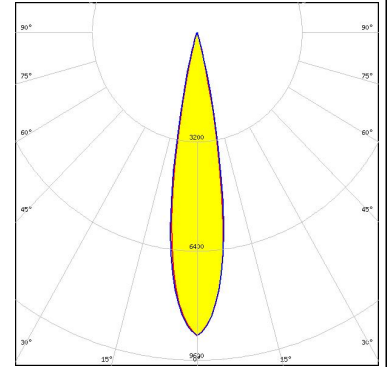
#### LUMILEDS

LED LUXEON HL2Z  
 FWHM / FWTM 18.0° / 32.0°  
 Efficiency 96 %  
 Peak intensity 7.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



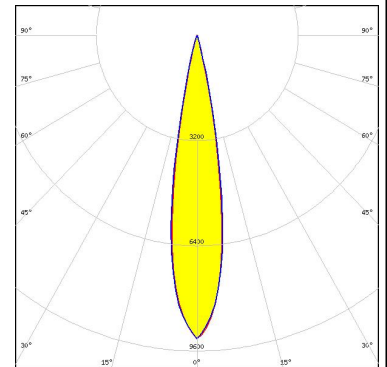
#### LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)  
 FWHM / FWTM 19.0° / 30.0°  
 Efficiency 96 %  
 Peak intensity 8.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

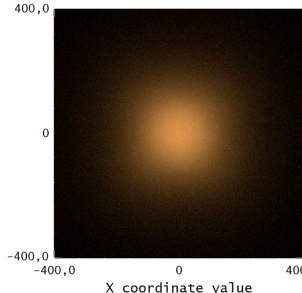
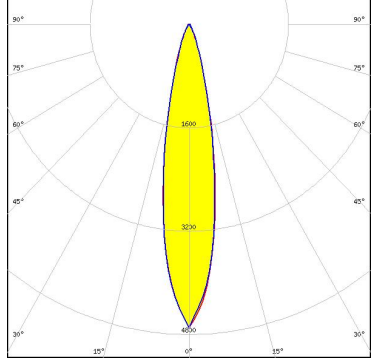
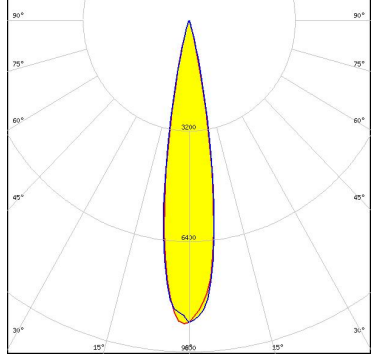
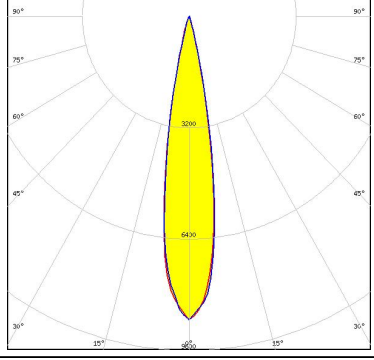
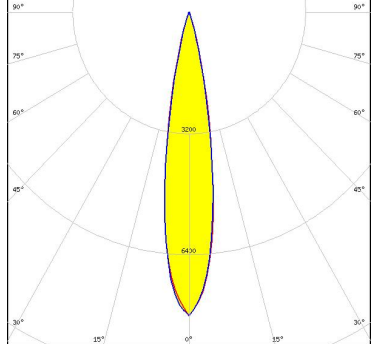


#### LUMILEDS

LED LUXEON Z ES  
 FWHM / FWTM 18.0° / 29.0°  
 Efficiency 96 %  
 Peak intensity 9.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NCSxE17A            FWHM / FWTM: 20.0° / 41.0°            Efficiency: 91 %            Peak intensity: 4.7 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED: NCSxx19B            FWHM / FWTM: 18.0°            Efficiency: 91 %            Peak intensity: 8.7 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: 18.0° / 30.0°            Efficiency: 94 %            Peak intensity: 8.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>SAMSUNG</b></p> <p>LED: LH351B            FWHM / FWTM: 18.0° / 32.0°            Efficiency: 94 %            Peak intensity: 8 cd/lm            LEDs/each optic: 1            Light colour: White            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:

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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