

## EMILY-SS

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

### SPECIFICATION:

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

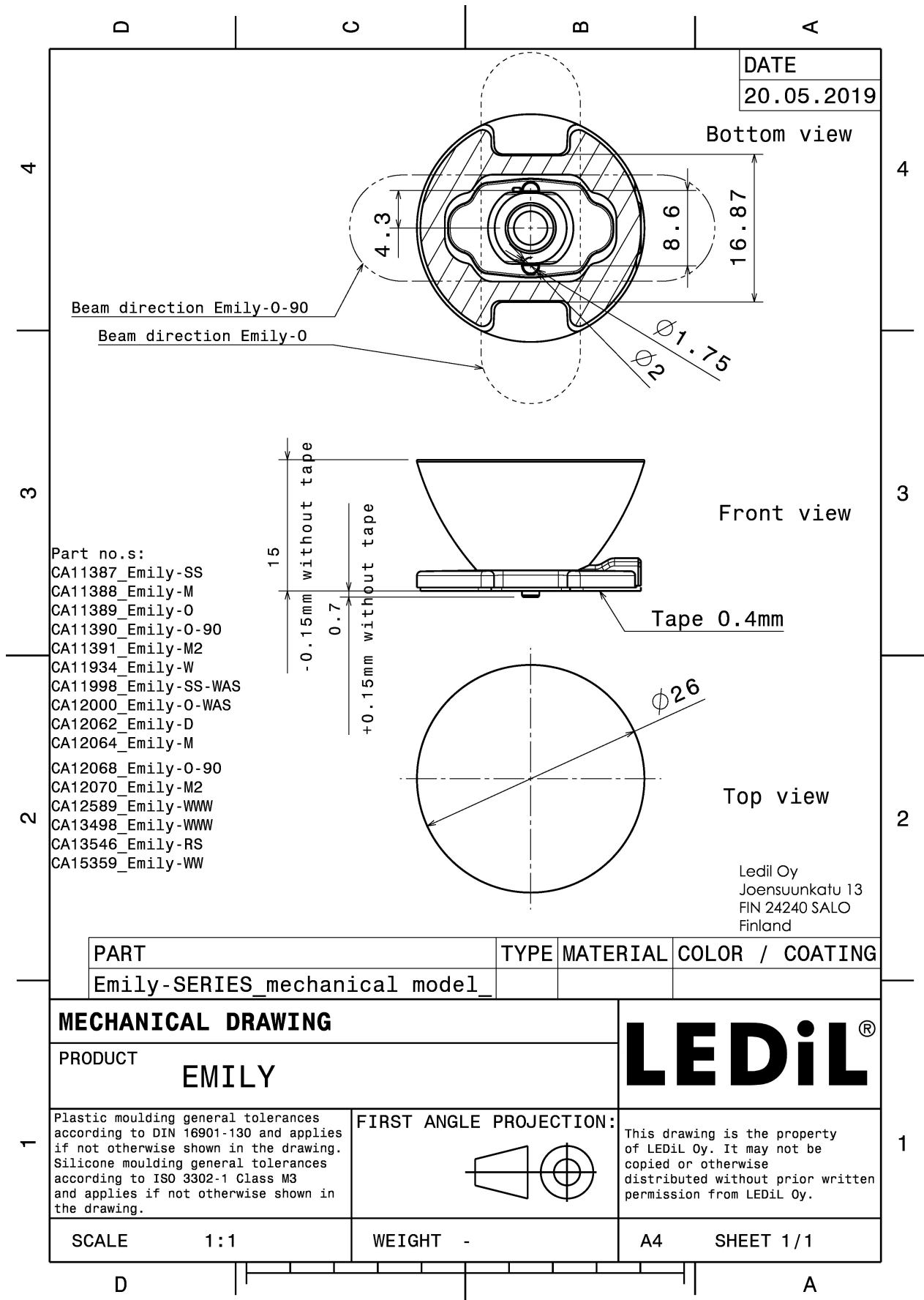
### MATERIALS:

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





<b>MECHANICAL DRAWING</b>		<b>LEDiL<sup>®</sup></b>
PRODUCT <b>EMILY</b>		
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	FIRST ANGLE PROJECTION: 	This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.
SCALE 1:1	WEIGHT -	A4 SHEET 1/1

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

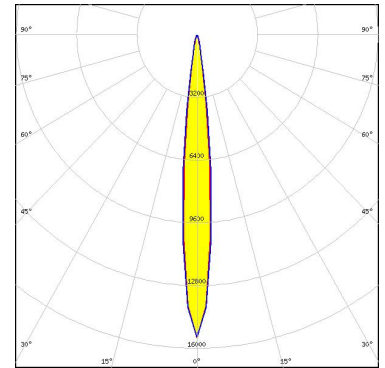
#### OPTICAL RESULTS (MEASURED):

##### CREE LED

LED XP-E  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 93 %  
Peak intensity 17.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### CREE LED

LED XP-G  
FWHM / FWTM 11.0° / 21.0°  
Efficiency 93 %  
Peak intensity 15.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




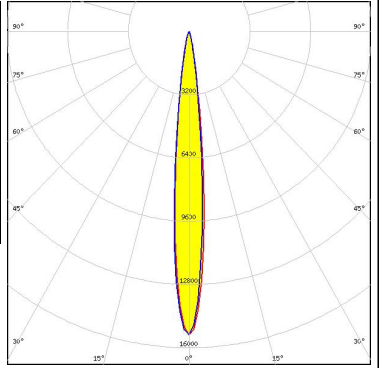
##### LUMILEDS

LED LUXEON Rebel  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 93 %  
Peak intensity 15.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### NICHIA

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


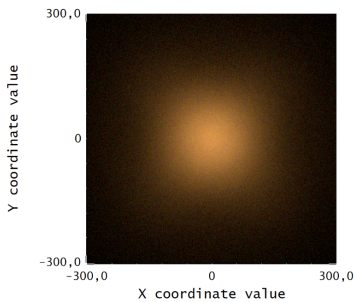
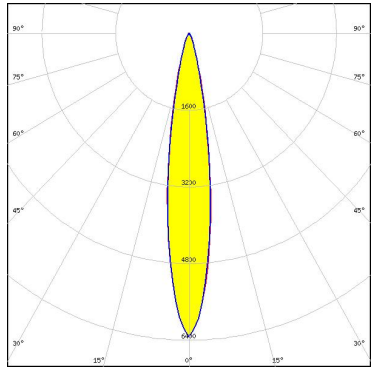

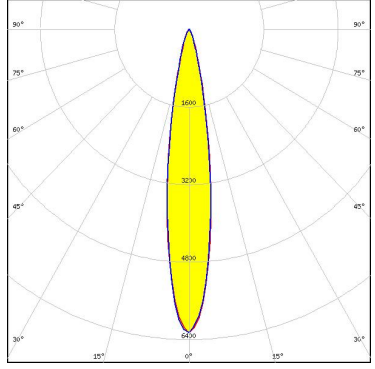

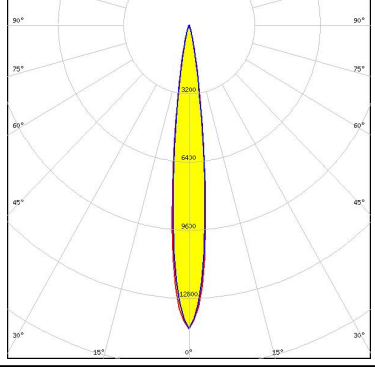

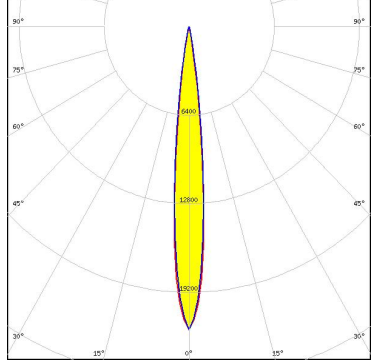
#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NCSxx19B            FWHM / FWTM 12.0° / 23.0°            Efficiency 87 %            Peak intensity 15.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM / FWTM 13.0° / 25.0°            Efficiency 91 %            Peak intensity 11.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 150            FWHM / FWTM 12.0°            Efficiency %            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 80            FWHM / FWTM 11.0° / 28.0°            Efficiency 88 %            Peak intensity 6.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

## OPTICAL RESULTS (MEASURED):

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

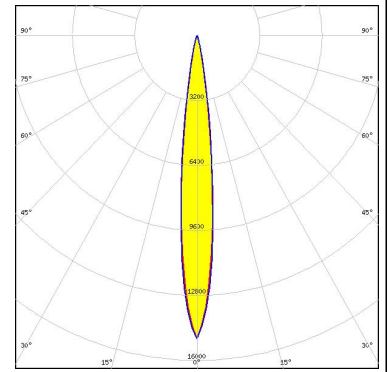
#### OPTICAL RESULTS (SIMULATED):

	<p>LED: NCSxE17A            FWHM / FWTM: 16.0° / 34.0°            Efficiency: 91 %            Peak intensity: 6.3 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:</p>		
	<p>LED: NCSxE17A            FWHM / FWTM: 12.0° / 22.0°            Efficiency: 93 %            Peak intensity: 16.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
	<p>LED: NVSxE21A            FWHM / FWTM: 12.0° / 24.0°            Efficiency: 94 %            Peak intensity: 14.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
 <small>Opto Semiconductors</small>	<p>LED: OSTAR Projection Compact (Kx.CSLNM1.xx)            FWHM / FWTM: 12.0° / 20.0°            Efficiency: 96 %            Peak intensity: 21.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED	LH351B
FWHM / FWTM	12.0° / 24.0°
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:

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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