

## 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 ⓘ

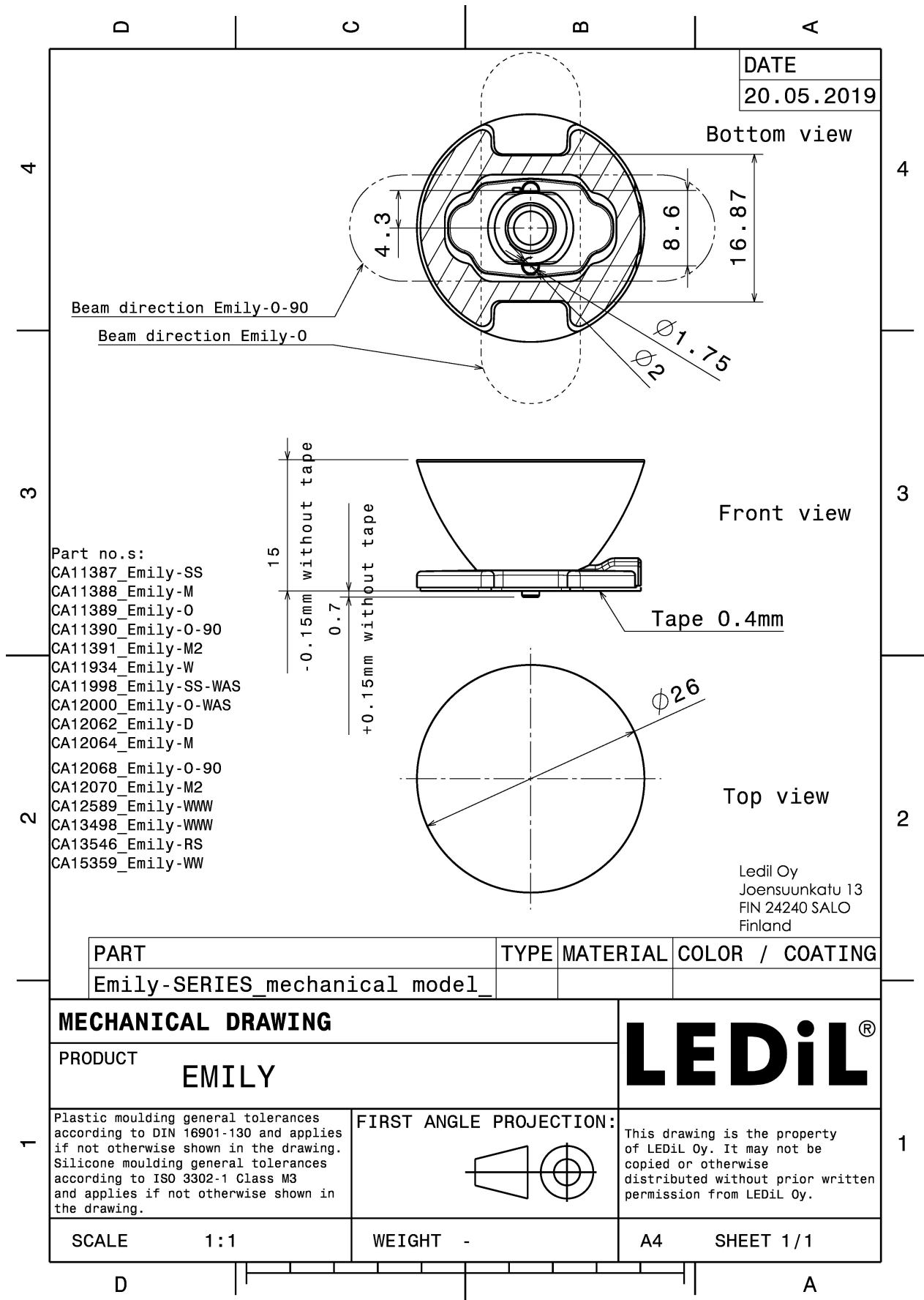
### MATERIAL SPECIFICATIONS:

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





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

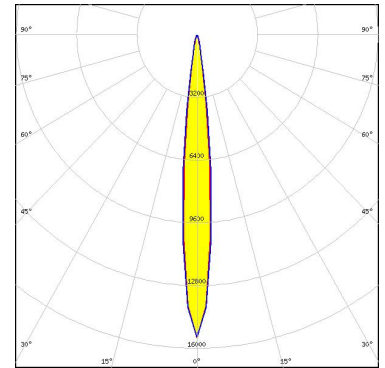
### PHOTOMETRIC DATA (MEASURED):

#### **CREE**

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 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:




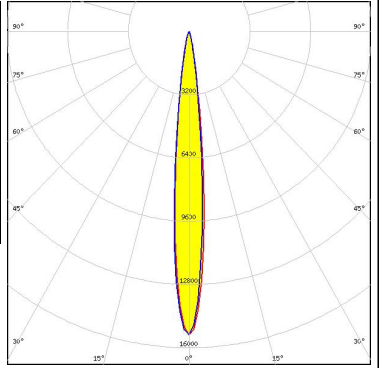
#### **LUMILEDS**

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:

#### PHOTOMETRIC DATA (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>		

## PHOTOMETRIC DATA (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:	

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></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><b>NICHIA</b></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>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <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>	
<p><b>SAMSUNG</b></p> <p>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:</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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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