

## EMILY-O-90

~10° x 45° oval beam. 14.97 mm high lens.  
Variant with beam direction rotated 90°.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	15 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

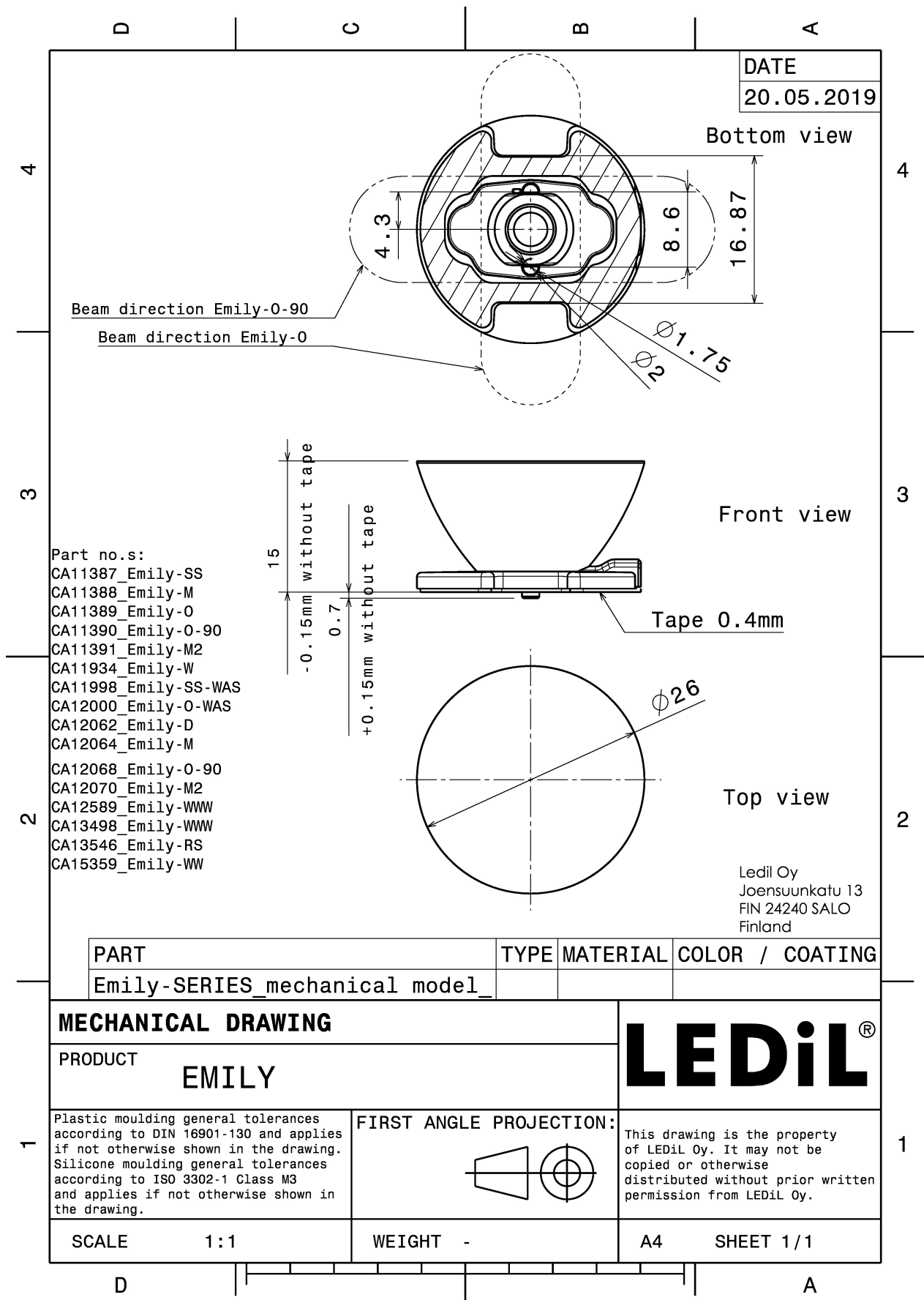
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-O-90	Single lens	PMMA		
SPUTNIK-TAPE	Tape	PU tape		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12068_EMILY-O-90	Single lens	1690	260	130	10.5
» Box size: 480 x 280 x 300 mm					





<b>MECHANICAL DRAWING</b>		<b>LEDiL®</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

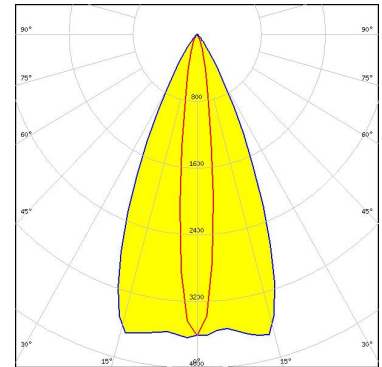
**PHOTOMETRIC DATA (MEASURED):**

**CREE** 

LED XM-L  
FWHM 47.0 + 13.0°  
Efficiency 90 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

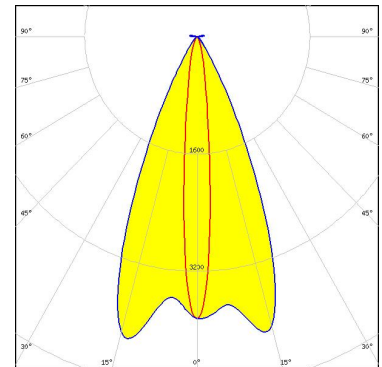
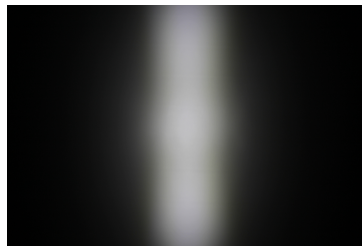
**CREE** 

LED XM-L2  
FWHM 14.0 + 48.0°  
Efficiency 87 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



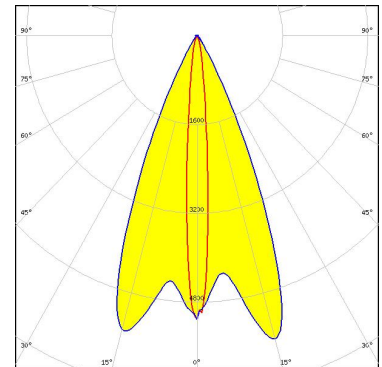
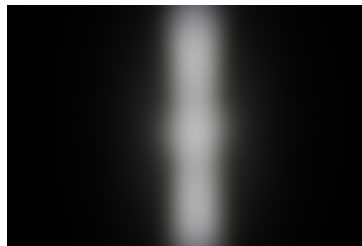
**CREE** 

LED XP-G3  
FWHM 11.0 + 48.0°  
Efficiency 92 %  
Peak intensity 4.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

LED XP-L HI  
FWHM 9.0 + 48.0°  
Efficiency 87 %  
Peak intensity 5.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



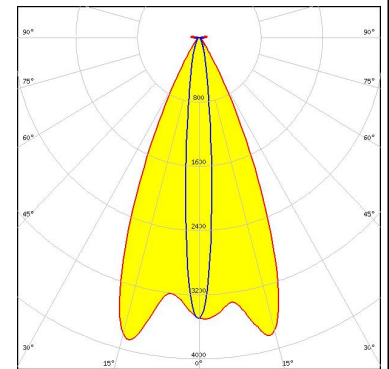
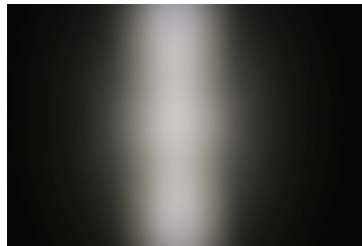
### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 44.0 + 10.0°  
Efficiency 90 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### SEAGULL SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 11.0 + 48.0°  
Efficiency 92 %  
Peak intensity 3.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



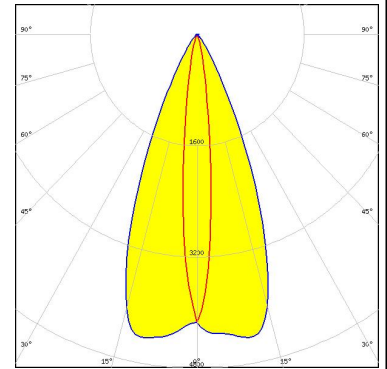
### PHOTOMETRIC DATA (SIMULATED):

**CREE** 

LED XM-L HVW  
FWHM 48.0 + 12.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

**CREE** 

LED XP-G2 HE  
FWHM 12.0 + 44.0°  
Efficiency 92 %  
Peak intensity 4.433 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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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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