

## EMILY-RS

~8° spot beam. 14.74 mm high lens.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

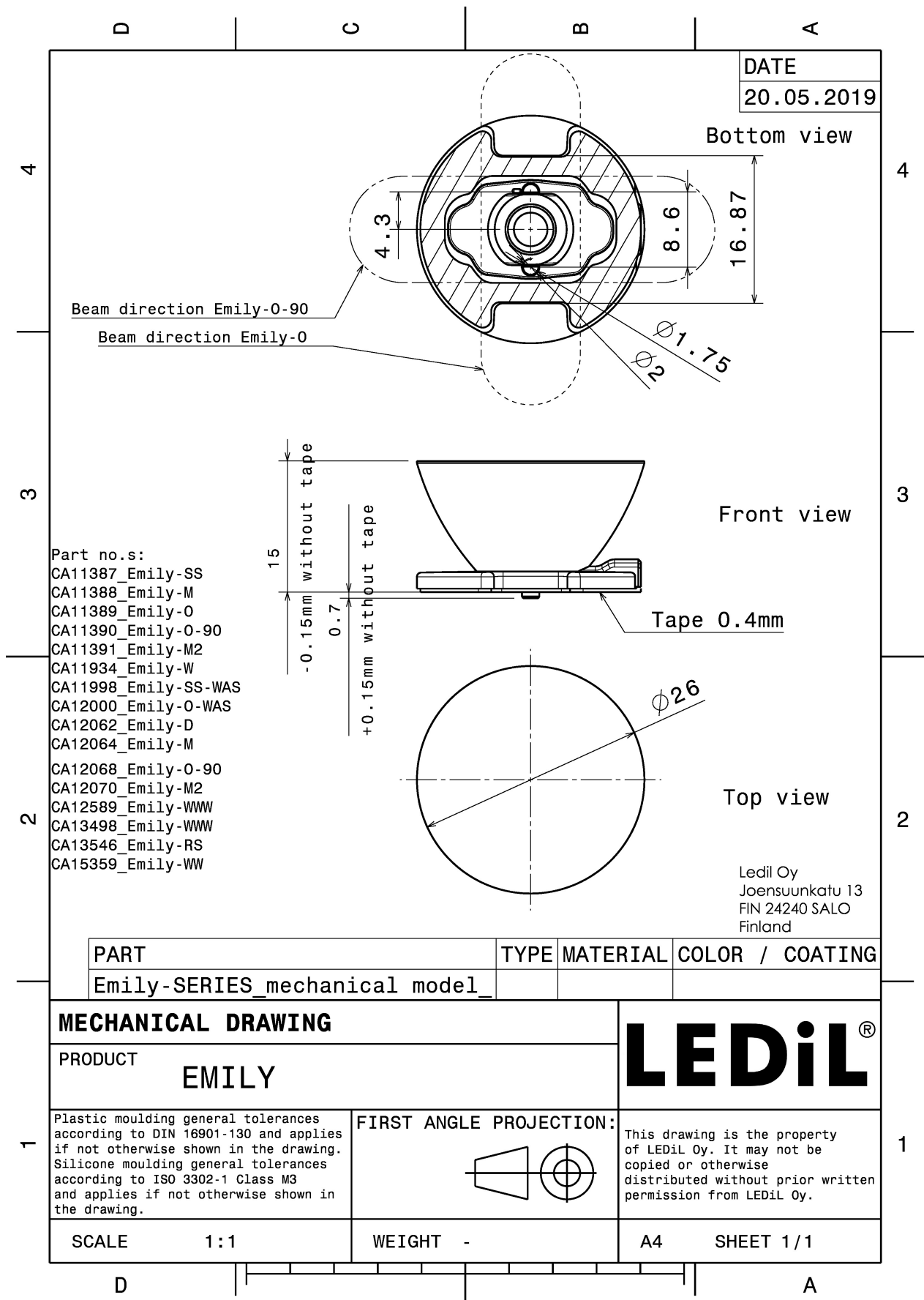
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-RS	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13546_EMILY-RS	Single lens	1690	260	130	10.3
» Box size: 480 x 280 x 300 mm					

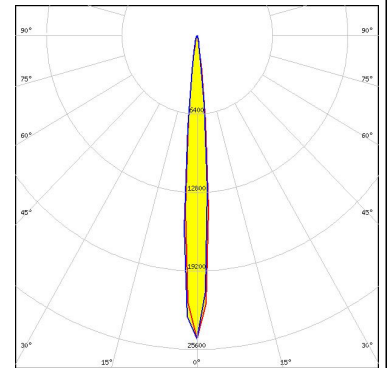


<b>MECHANICAL DRAWING</b>		<b>LEDiL<sup>®</sup></b>
PRODUCT <b>EMILY</b>		
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	<b>FIRST ANGLE PROJECTION:</b> 	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):

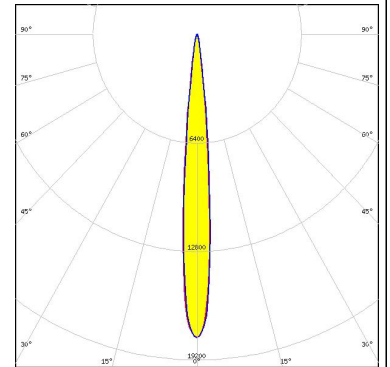
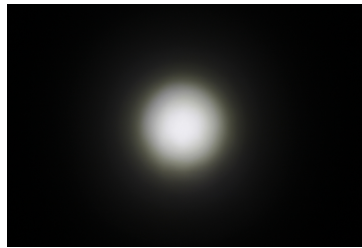
#### CREE

LED XB-H  
 FWHM 9.0°  
 Efficiency 88 %  
 Peak intensity 24.7 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



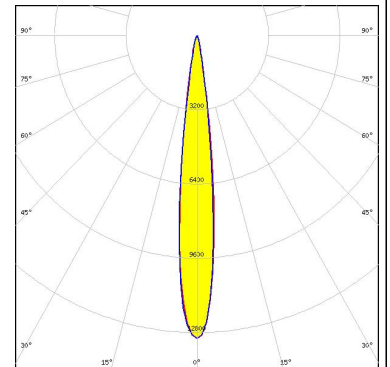
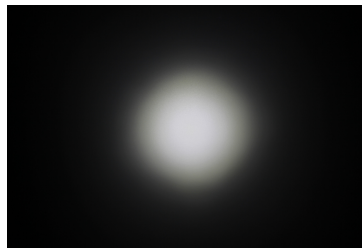
#### CREE

LED XP-G3  
 FWHM 10.0°  
 Efficiency 94 %  
 Peak intensity 18 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



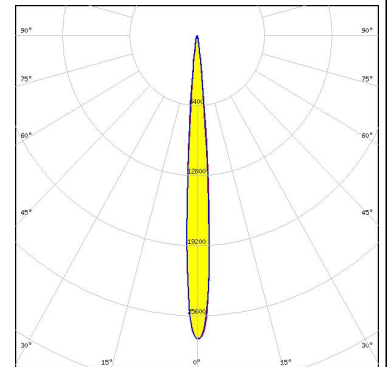
#### CREE

LED XP-L HD  
 FWHM 13.0°  
 Efficiency 89 %  
 Peak intensity 13.1 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

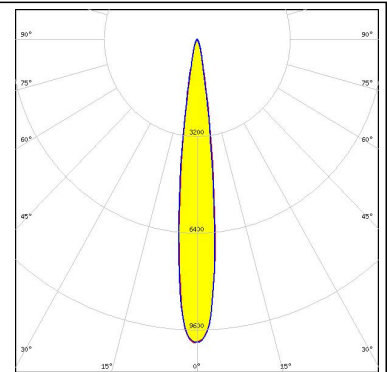
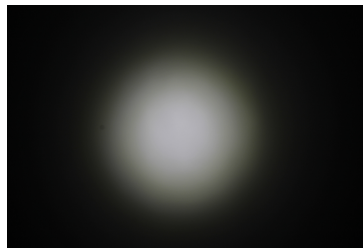
LED XP-L HI  
 FWHM 8.0°  
 Efficiency 88 %  
 Peak intensity 28 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

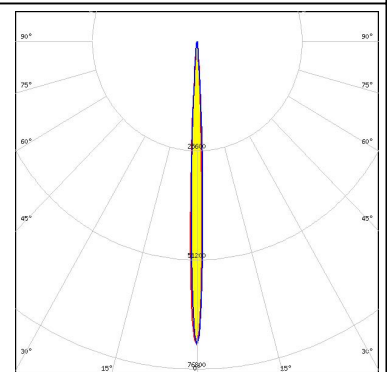
#### CREE

LED XP-L2  
 FWHM 13.0°  
 Efficiency 93 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



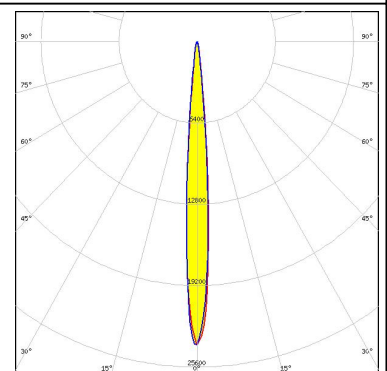
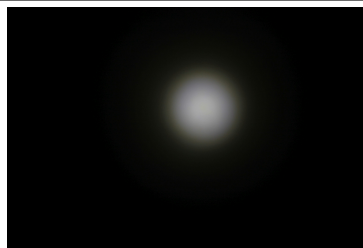
#### CREE

LED XQ-E HI  
 FWHM 4.0°  
 Efficiency 94 %  
 Peak intensity 71.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



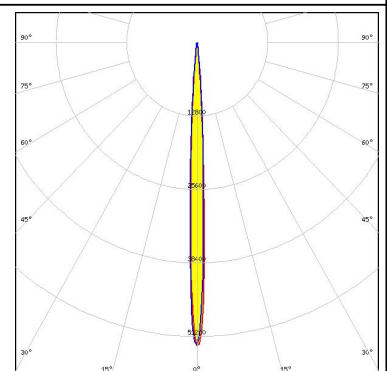
#### CREE

LED XT-E  
 FWHM 8.0°  
 Efficiency 91 %  
 Peak intensity 23.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

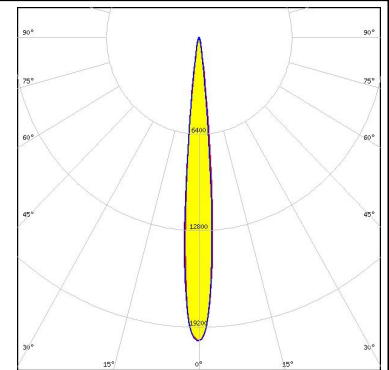
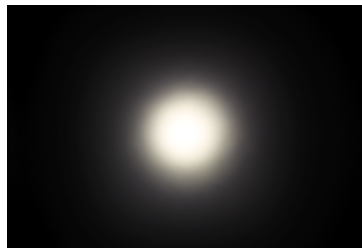
LED LUXEON Z ES  
 FWHM 5.0°  
 Efficiency 91 %  
 Peak intensity 52 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):



LED NVSW219D  
 FWHM 10.0°  
 Efficiency 94 %  
 Peak intensity 20.1 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



Osram Semiconductors

LED OSOLON Square EC  
 FWHM 8.0°  
 Efficiency 90 %  
 Peak intensity 29.1 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



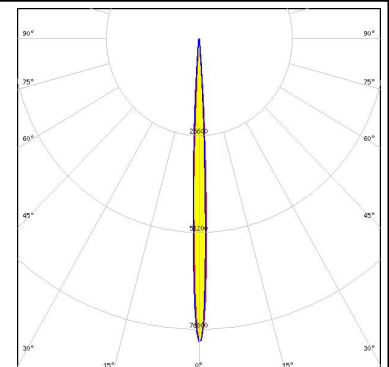
Osram Semiconductors

LED PLPVEC2 850A  
 FWHM 4.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



SEOUL SEMICONDUCTOR

LED nPola  
 FWHM 5.0°  
 Efficiency 94 %  
 Peak intensity 81.2 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



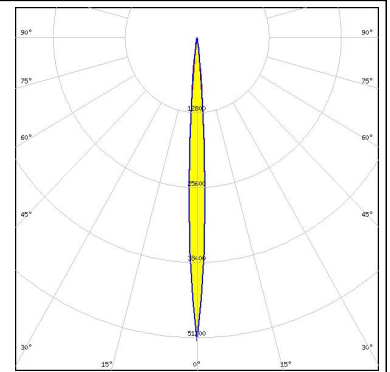
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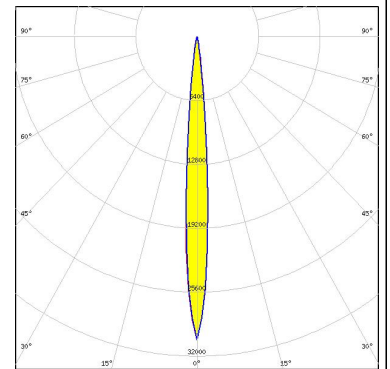
#### PHOTOMETRIC DATA (SIMULATED):



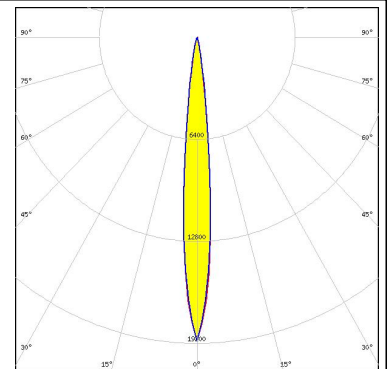
LED XP-E2  
 FWHM 6.0°  
 Efficiency 94 %  
 Peak intensity 51.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



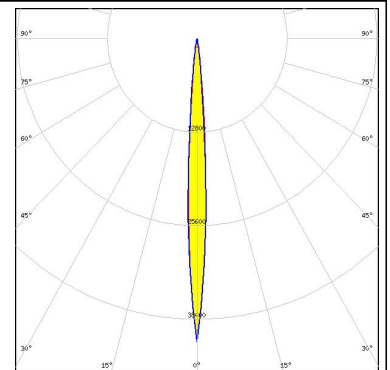
LED XP-G2  
 FWHM 8.0°  
 Efficiency 94 %  
 Peak intensity 30.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2 HE  
 FWHM 10.0°  
 Efficiency 95 %  
 Peak intensity 19.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel  
 FWHM 6.0°  
 Efficiency 94 %  
 Peak intensity 41.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

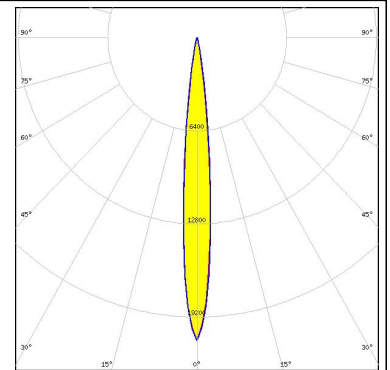
<p><b>LUMILEDS</b></p> <p>LED: LUXEON Rebel Plus            FWHM: 6.0°            Efficiency: 94 %            Peak intensity: 42.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON Z            FWHM: 5.9°            Efficiency: 94 %            Peak intensity: 65.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NCSxE17A            FWHM: 8.0°            Efficiency: 92 %            Peak intensity: 32.5 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NVSxE21A            FWHM: 8.0°            Efficiency: 93 %            Peak intensity: 26.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	



#### PHOTOMETRIC DATA (SIMULATED):

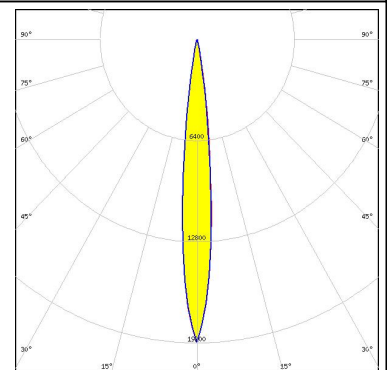
##### OSRAM Opto Semiconductors

LED OSCONIQ P 3030  
 FWHM 10.0°  
 Efficiency 96 %  
 Peak intensity 20.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



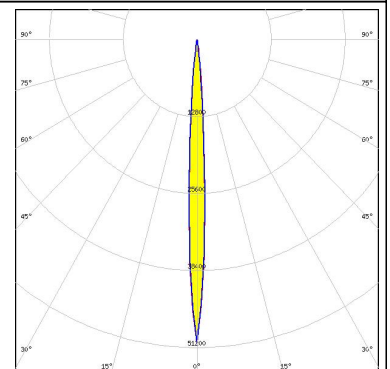
##### OSRAM Opto Semiconductors

LED OSLON Black  
 FWHM 11.0°  
 Efficiency 94 %  
 Peak intensity 19.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



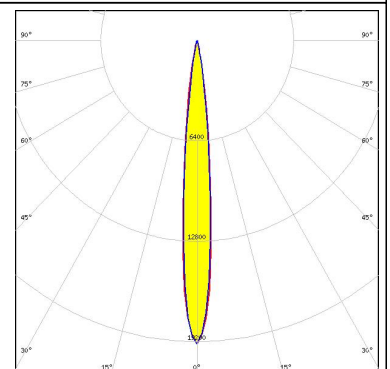
##### OSRAM Opto Semiconductors

LED OSLON Black Flat  
 FWHM 6.3°  
 Efficiency 94 %  
 Peak intensity 50.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM 11.0°  
 Efficiency 94 %  
 Peak intensity 19.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

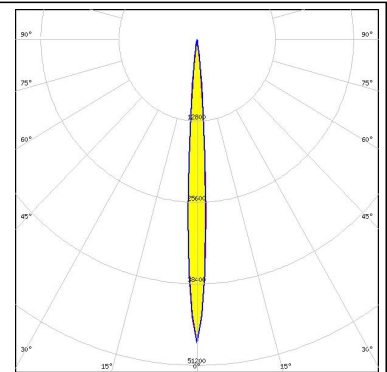


#### PHOTOMETRIC DATA (SIMULATED):

##### OSRAM

Opto Semiconductors

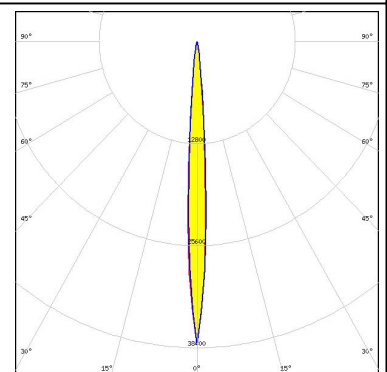
LED OSLON SSL 150  
 FWHM 6.0°  
 Efficiency 96 %  
 Peak intensity 47.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

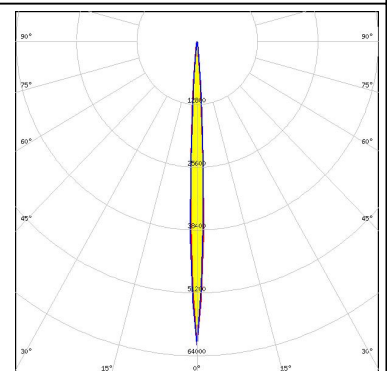
LED OSLON SSL 80  
 FWHM 7.0°  
 Efficiency 94 %  
 Peak intensity 38 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

LED SFH 4170S  
 FWHM 6.0°  
 Efficiency 87 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



##### OSRAM

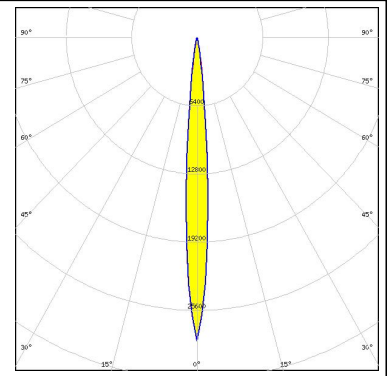
Opto Semiconductors

LED SFH 4716AS  
 FWHM 8.0°  
 Efficiency 96 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:

## PHOTOMETRIC DATA (SIMULATED):

### SAMSUNG

LED	LM301B
FWHM	9.0°
Efficiency	94 %
Peak intensity	28.5 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.