


## HEIDI-M

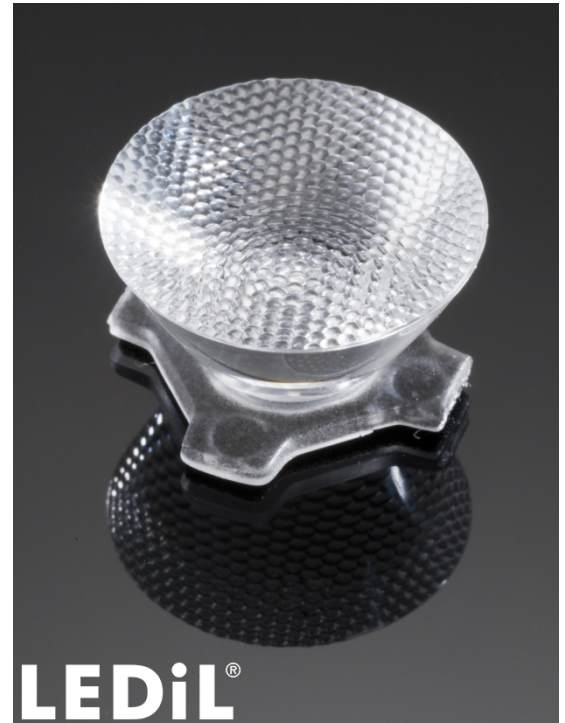
~25° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
ROHS compliant	yes 

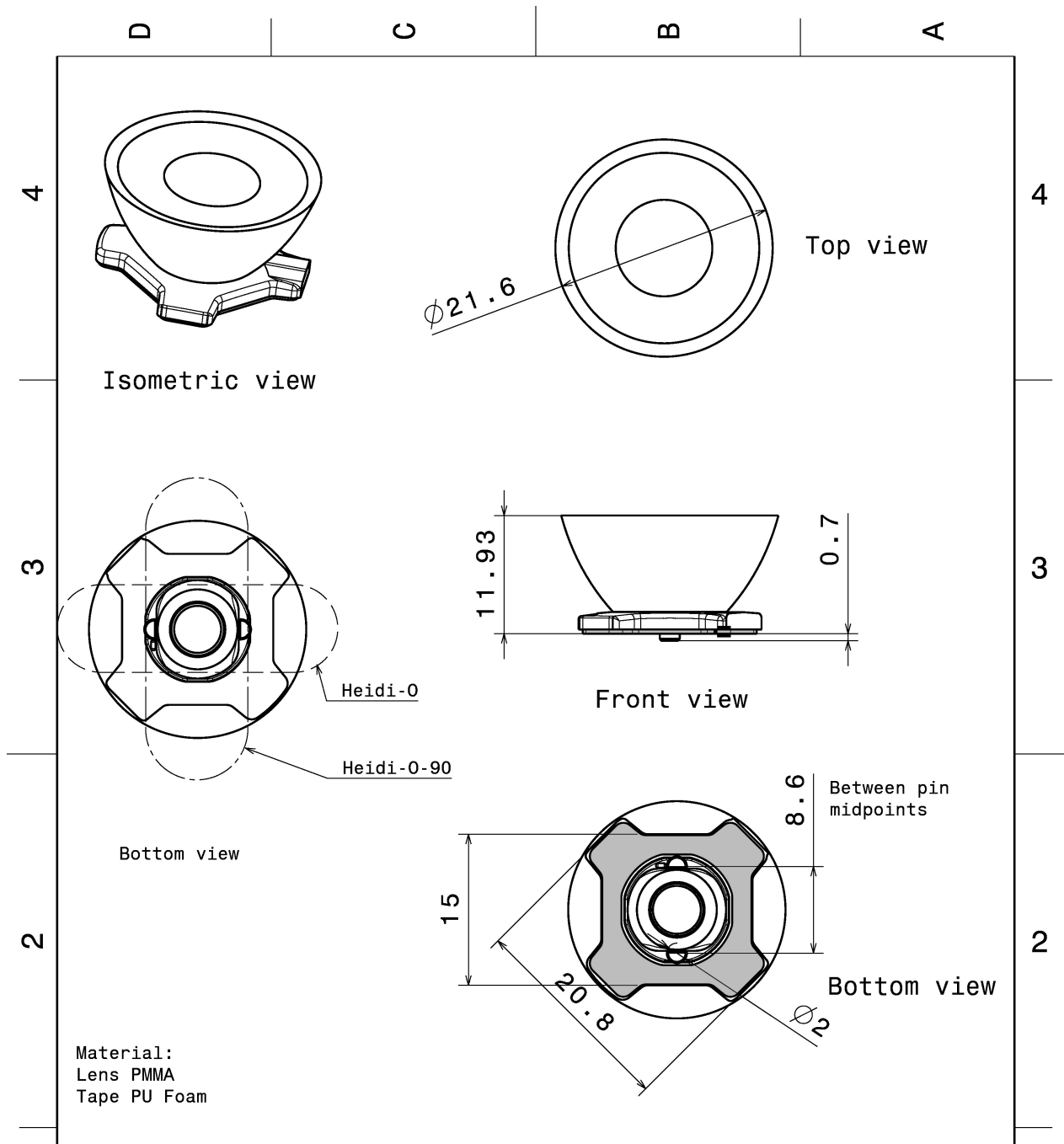
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-M	Single lens	PMMA		
HEIDI-TAPE	Tape	PU tape		



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11265_HEIDI-M	Single lens	3264	204	204	10.8
» Box size: 480 x 280 x 300 mm					



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DRAWN BY ah		DATE 24.6.2013		DRAWING TITLE Datasheet Heidi-0 assy	
CHECKED BY		DATE		SIZE A4	
DESIGNED BY		DATE		DRAWING NUMBER	
		SCALE 2:1		WEIGHT (g)	
				REV 001	
				SHEET 1/1	

## PHOTOMETRIC DATA (MEASURED):

### CREE

LED XB-D  
FWHM 29.0°  
Efficiency 87 %  
Peak intensity 2.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### CREE

LED XB-H  
FWHM 27.0°  
Efficiency 87 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### CREE

LED XP-E  
FWHM 28.0°  
Efficiency 92 %  
Peak intensity 2.860 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

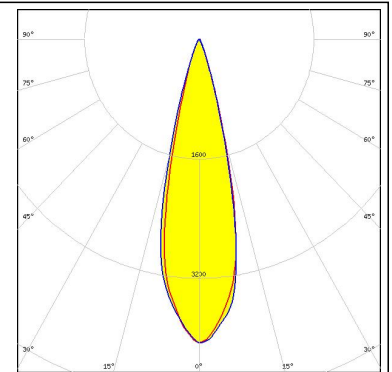
### CREE

LED XP-G  
FWHM 28.0°  
Efficiency 92 %  
Peak intensity 3.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

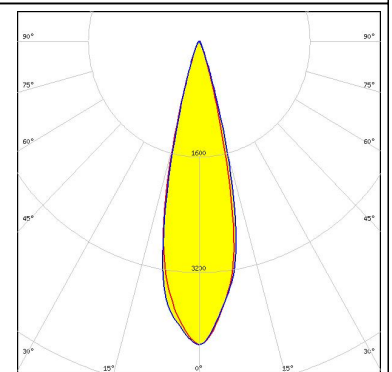
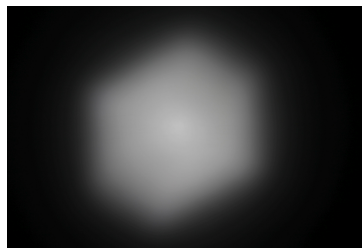
#### PHOTOMETRIC DATA (MEASURED):



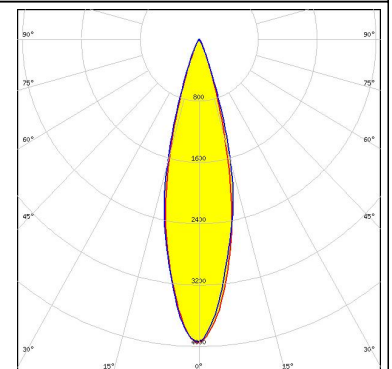
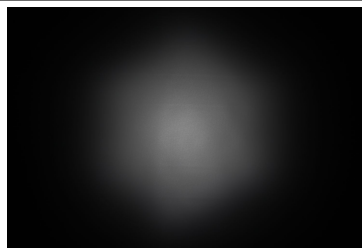
LED XQ-E HD  
 FWHM 26.0°  
 Efficiency 94 %  
 Peak intensity 4.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



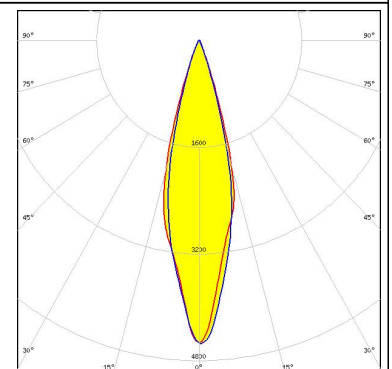
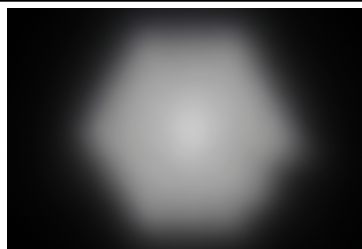
LED XQ-E HI  
 FWHM 25.0°  
 Efficiency 94 %  
 Peak intensity 4.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON C  
 FWHM 26.0°  
 Efficiency 87 %  
 Peak intensity 3.950 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



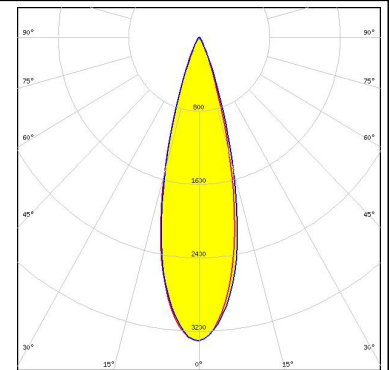
LED LUXEON CZ  
 FWHM 26.0°  
 Efficiency 94 %  
 Peak intensity 4.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

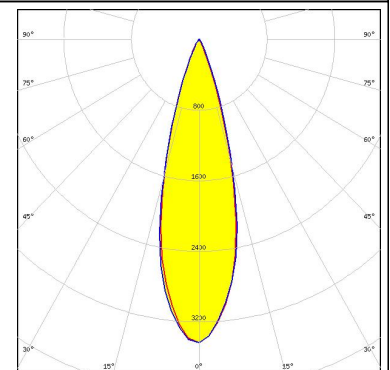
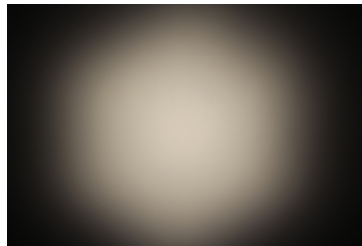
##### LUMILEDS

LED LUXEON T  
 FWHM 28.0°  
 Efficiency 87 %  
 Peak intensity 3.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



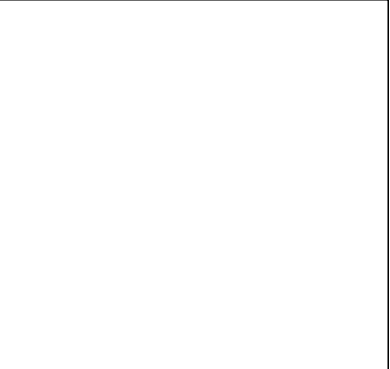
##### LUMILEDS

LED LUXEON TX  
 FWHM 29.0°  
 Efficiency 88 %  
 Peak intensity 3.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



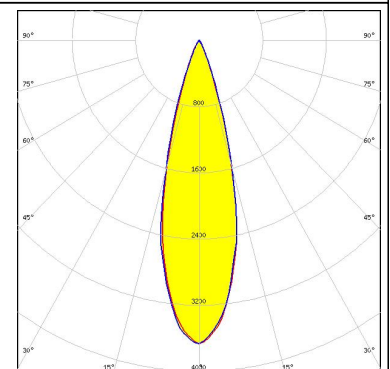
##### NICHIA

LED NCSxx19A  
 FWHM 26.0°  
 Efficiency 87 %  
 Peak intensity 3.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

LED NCSxx19B  
 FWHM 29.0°  
 Efficiency 88 %  
 Peak intensity 3.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



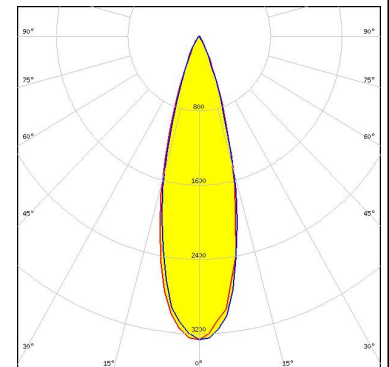
### PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 28.0°  
Efficiency 90 %  
Peak intensity 3.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors

LED OSOLON SSL 150  
FWHM 26.0°  
Efficiency 90 %  
Peak intensity 3.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



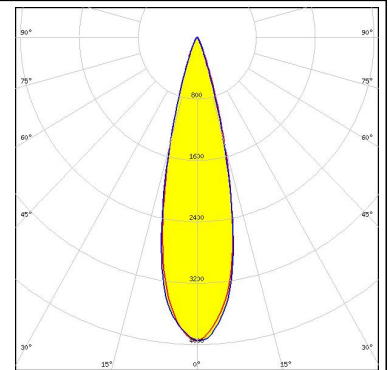
Opto Semiconductors

LED OSOLON SSL 80  
FWHM 28.0°  
Efficiency 87 %  
Peak intensity 3.130 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

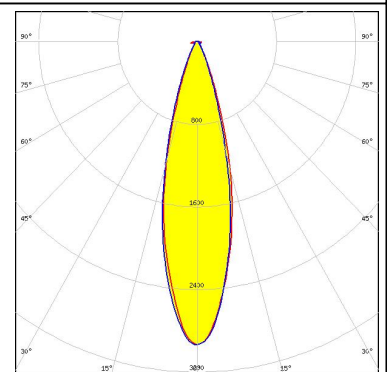
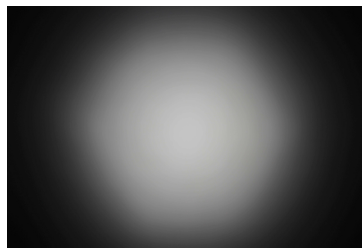
#### PHILIPS

LED Fortimo FastFlex 2x8 DS G3  
 FWHM 25.0°  
 Efficiency 90 %  
 Peak intensity 4.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



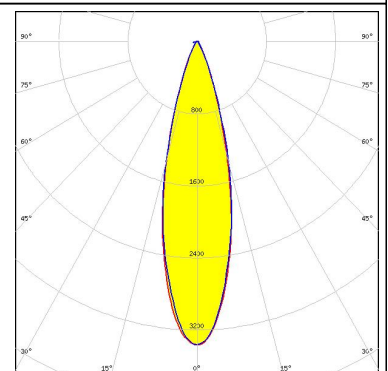
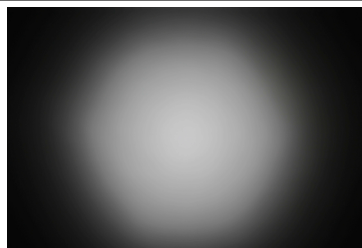
#### SAMSUNG

LED LH181A  
 FWHM 27.0°  
 Efficiency 88 %  
 Peak intensity 2.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH181B  
 FWHM 27.0°  
 Efficiency 93 %  
 Peak intensity 3.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

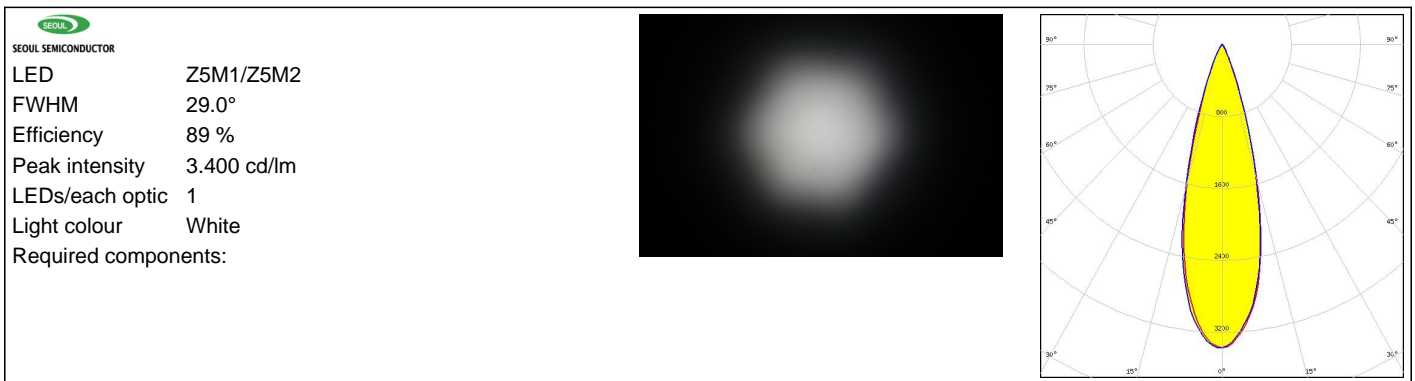


SEOUL SEMICONDUCTOR

LED Z5  
 FWHM 28.0°  
 Efficiency 87 %  
 Peak intensity 3.670 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

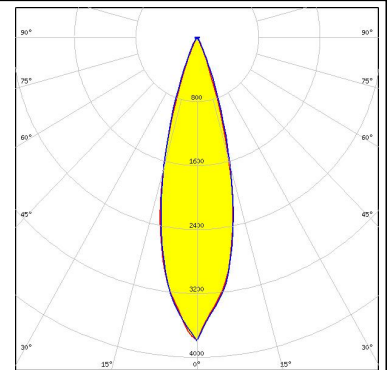




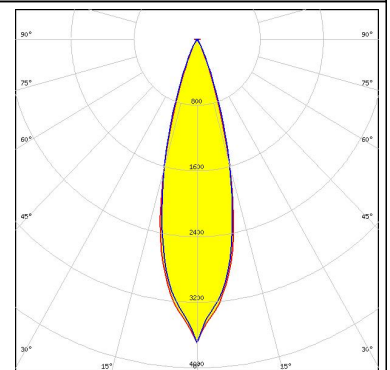
### PHOTOMETRIC DATA (SIMULATED):



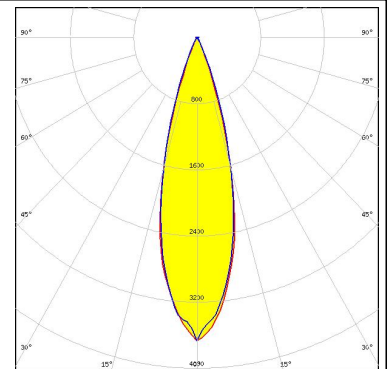
LED XB-D  
 FWHM 28.0°  
 Efficiency 93 %  
 Peak intensity 3.794 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



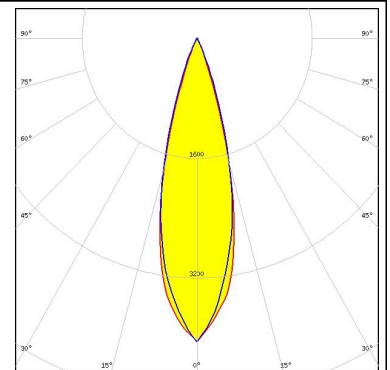
LED XT-E  
 FWHM 28.0°  
 Efficiency 93 %  
 Peak intensity 3.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



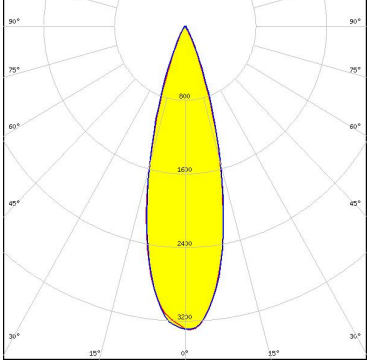
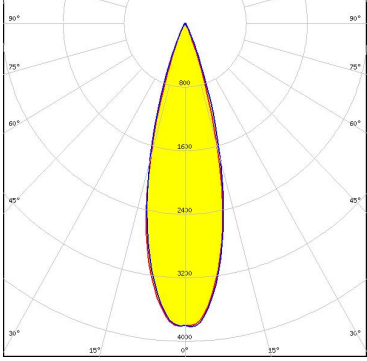
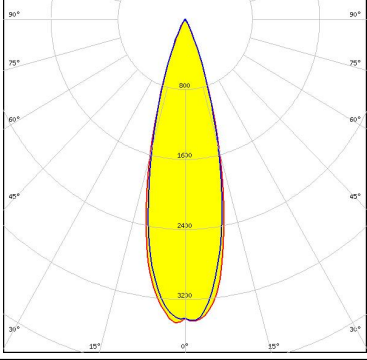

LED LUXEON SunPlus 20 Line (150 deg)  
 FWHM 28.0°  
 Efficiency 91 %  
 Peak intensity 3.670 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Z ES  
 FWHM 28.0°  
 Efficiency 94 %  
 Peak intensity 4.050 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



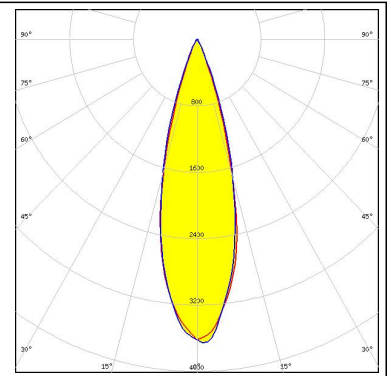
### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 28.0°            Efficiency 94 %            Peak intensity 3.321 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ P 3030            FWHM 28.0°            Efficiency 96 %            Peak intensity 3.841 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3            FWHM 28.0°            Efficiency 94 %            Peak intensity 3.500 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSLON Square EC            FWHM 29.0°            Efficiency %            Peak intensity 3.200 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSLON SSL 80
FWHM	29.0°
Efficiency	96 %
Peak intensity	3.696 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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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.