

## HEIDI-W

~30° wide beam optimized for LUXEON Rebel ES

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

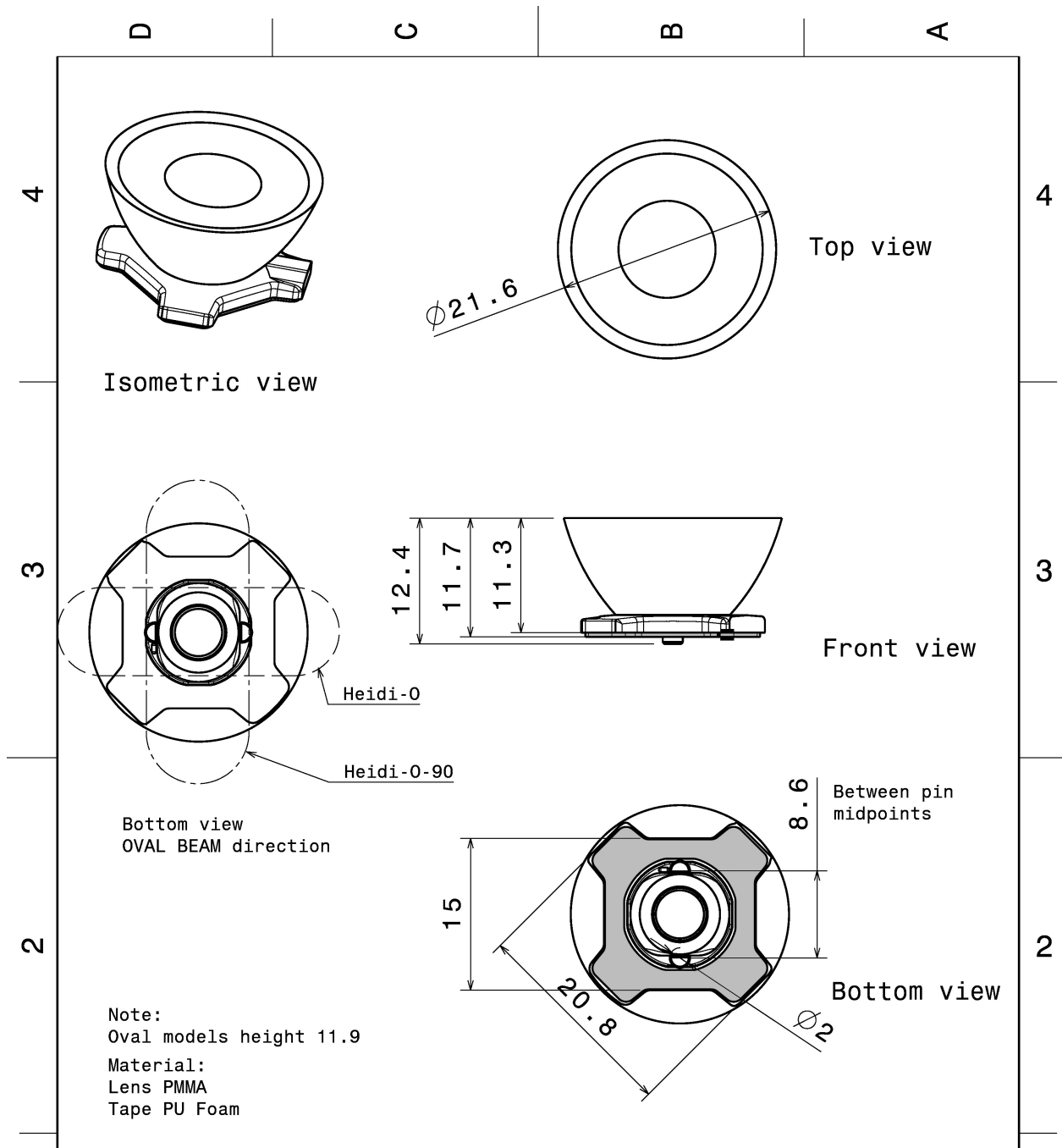
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-W	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12538_HEIDI-W	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					

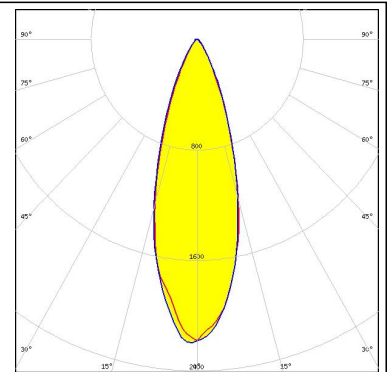


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<b>DRAWING TITLE</b>		<b>Datasheet Heidi-Series Assy</b>			
<b>DRAWN BY</b> ah	<b>DATE</b> 1.2.2012	<b>SIZE</b> A4	<b>DRAWING NUMBER</b>		<b>REV</b> 2
<b>CHECKED BY</b>	<b>DATE</b>	<b>SCALE</b> 2:1	<b>WEIGHT (g)</b>	<b>SHEET</b> 1/1	
<b>DESIGNED BY</b>	<b>DATE</b>				

#### PHOTOMETRIC DATA (MEASURED):

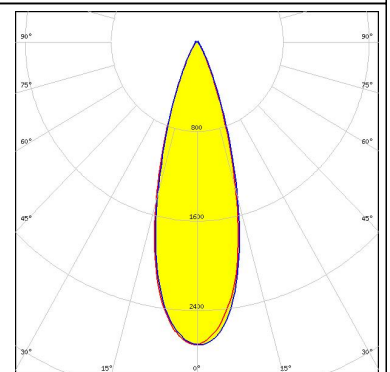
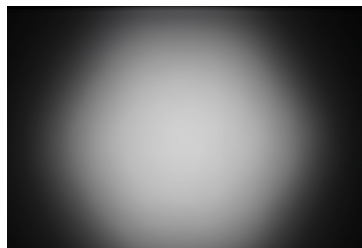
**CREE** 

LED XHP35 HD  
 FWHM 32.0°  
 Efficiency 84 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



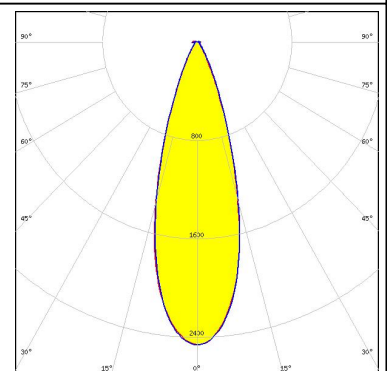
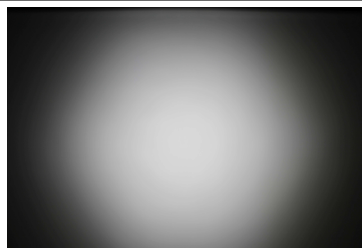
**CREE** 

LED XHP35 HI  
 FWHM 31.0°  
 Efficiency 94 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



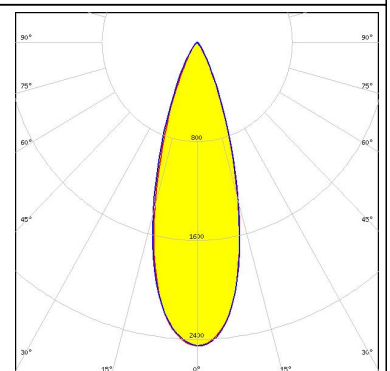
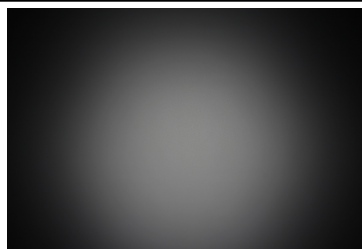
**CREE** 

LED XP-G3  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**CREE** 

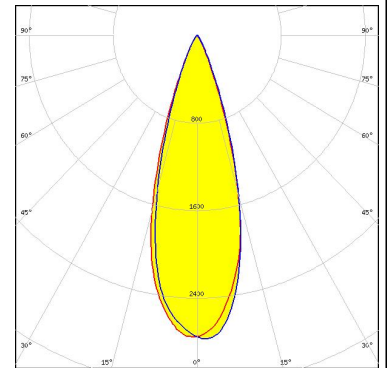
LED XP-L HD  
 FWHM 33.0°  
 Efficiency 87 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

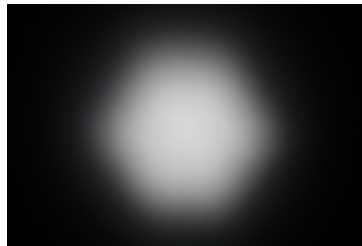
##### LUMILEDS

LED LUXEON Rebel  
 FWHM 32.0°  
 Efficiency 87 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



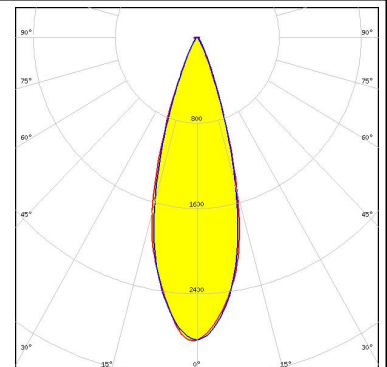
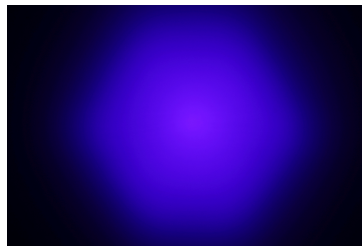
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 32.0°  
 Efficiency 87 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



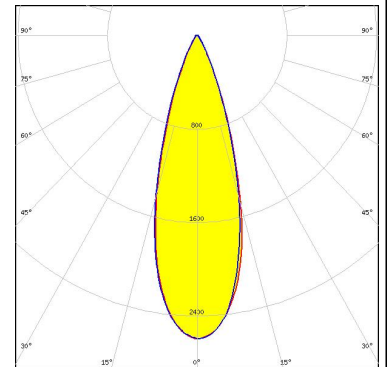
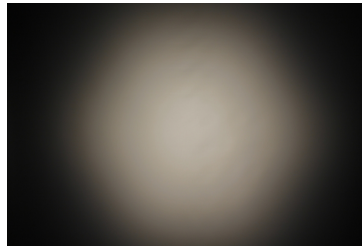
##### LUMINUS

LED SST-10-B130  
 FWHM 33.0°  
 Efficiency 93 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour Blue  
 Required components:



##### NICHIA

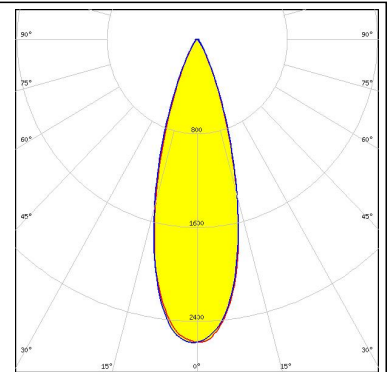
LED NVSW219D  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



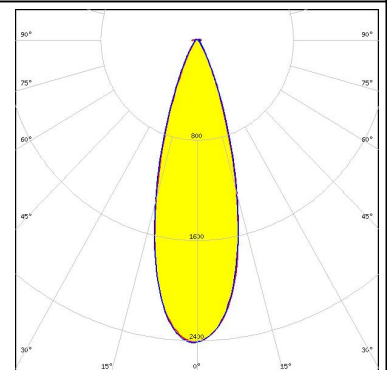
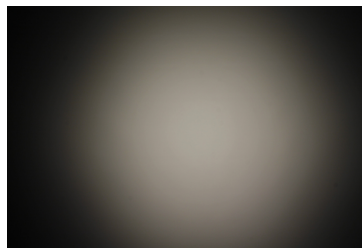
#### PHOTOMETRIC DATA (MEASURED):



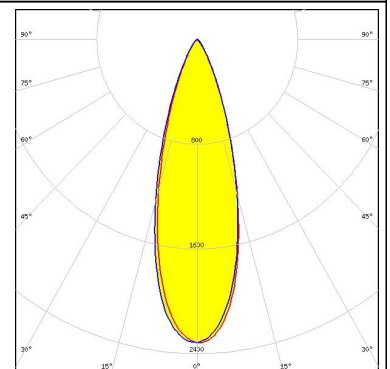
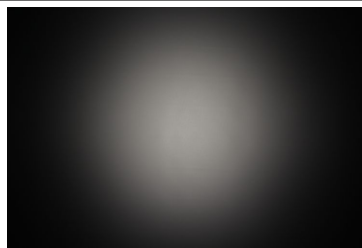
LED NVSW319B  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



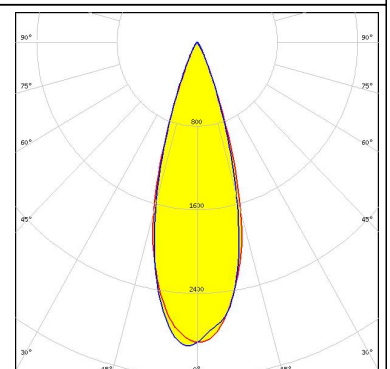
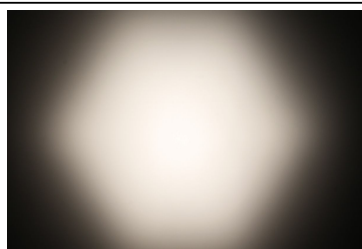
LED NVSW3x9A  
 FWHM 31.0°  
 Efficiency 90 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





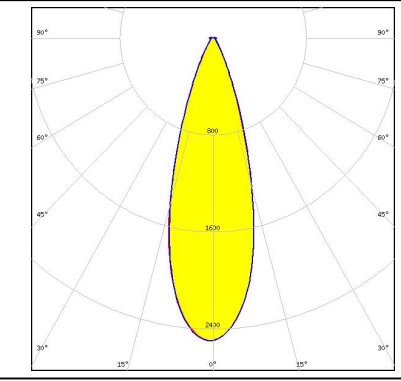


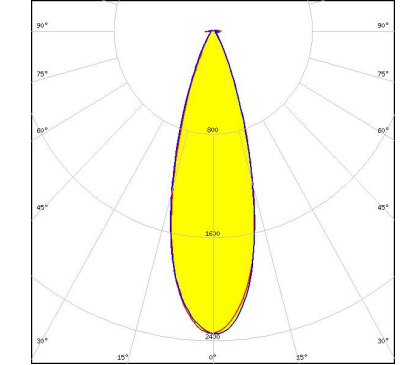
LED NWSx229A  
 FWHM 31.0°  
 Efficiency 83 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLOM SSL 150  
 FWHM 32.0°  
 Efficiency 86 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



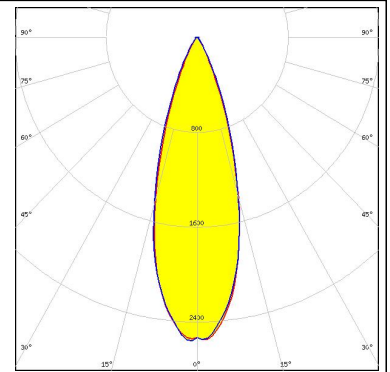
**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z5M3 FWHM             32.0° Efficiency        94 % Peak intensity   2.5 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED                Z8Y22P FWHM             31.0° Efficiency        92 % Peak intensity   2.3 cd/lm LEDs/each optic 1 Light colour     White Required components:</p>		

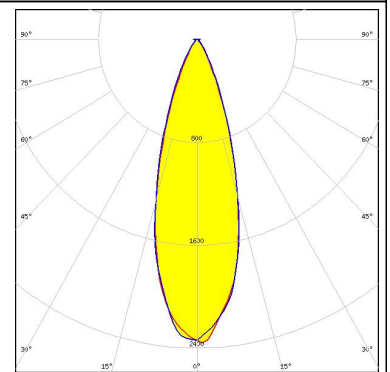
### PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE  
FWHM 32.0°  
Efficiency 93 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L2  
FWHM 32.0°  
Efficiency 91 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON A  
FWHM 31.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON IR Domed 150  
FWHM 31.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

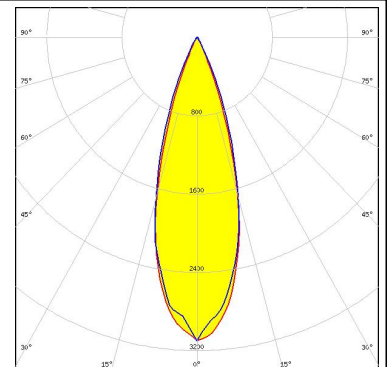
LED LUXEON IR Domed 90  
FWHM 31.0°  
Efficiency 94 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

LED LUXEON R  
FWHM 32.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

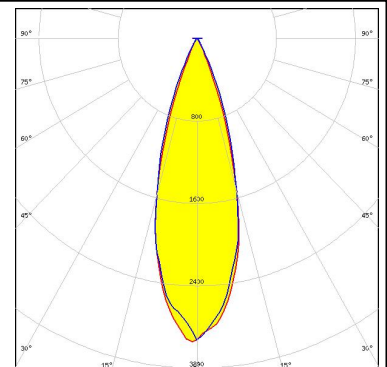
#### LUMILEDS

LED LUXEON SunPlus 20 Line (120 deg)  
FWHM 31.0°  
Efficiency 95 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)  
FWHM 31.0°  
Efficiency 92 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





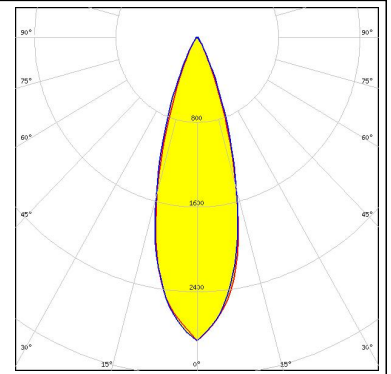
#### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON SunPlus 20 Line (150 deg)            FWHM 31.0°            Efficiency 91 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON SunPlus 35 Line            FWHM 31.0°            Efficiency 94 %            Peak intensity 3.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NV4WB35AM            FWHM 32.0°            Efficiency 92 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxE21A            FWHM 31.0°            Efficiency 93 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

## PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM	32.0°
Efficiency	95 %
Peak intensity	2.9 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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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

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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;
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- 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.