

## IRIS-SCREW

~5° real spot beam with holder optimized for CREE XP-E. Assembly with screws.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	26.9 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

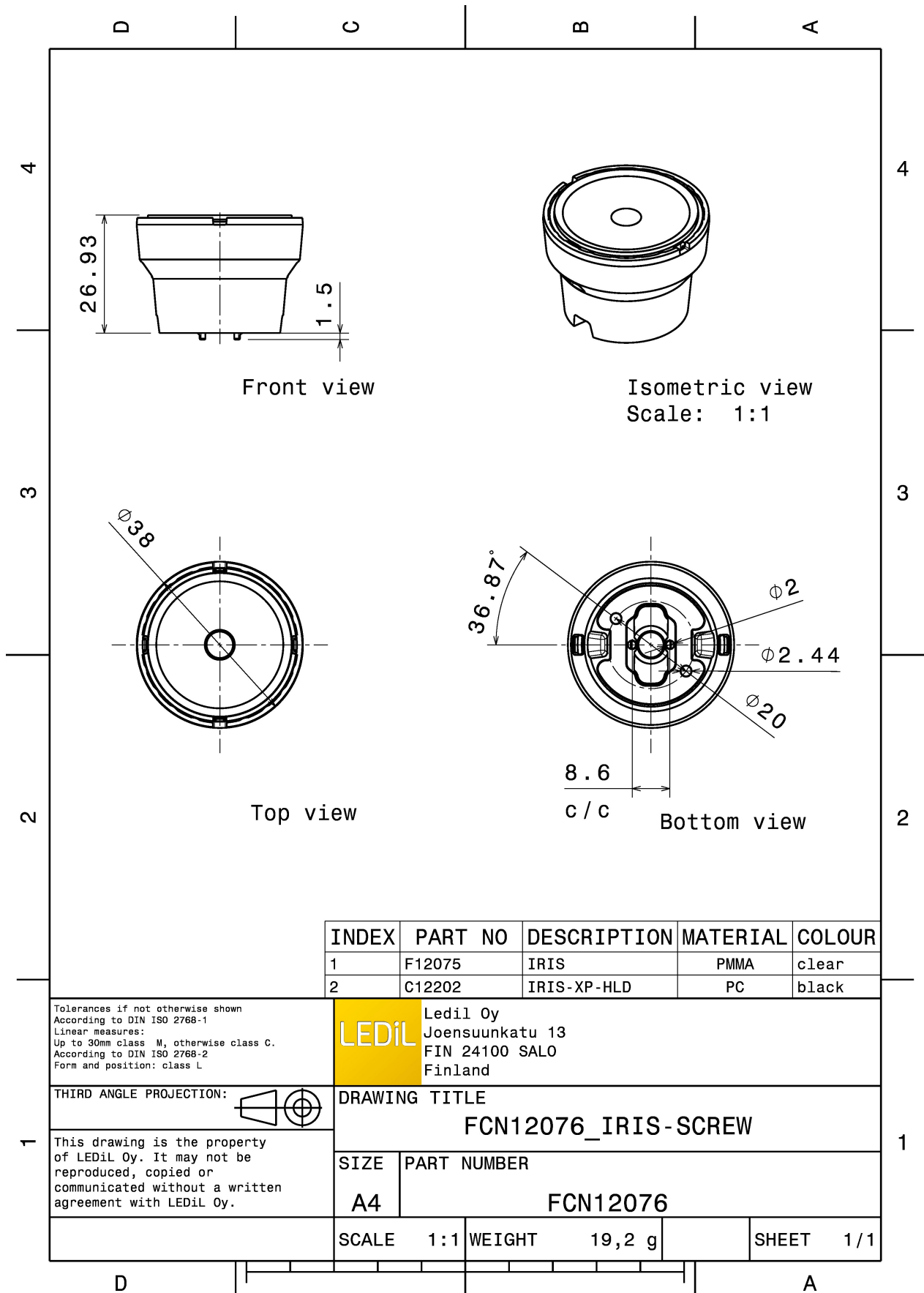
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XP-HLD	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12076_IRIS-SCREW	Single lens	360		90	0.0
» Box size:					

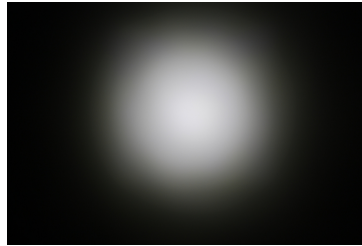




**PHOTOMETRIC DATA (MEASURED):**

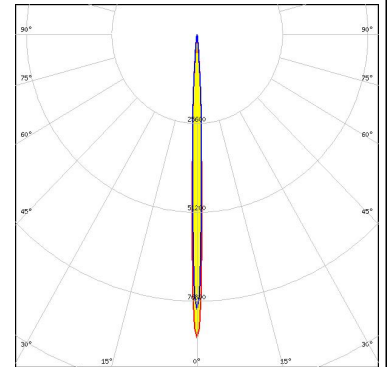
**CREE** ⇄

LED XHP35 HI  
FWHM 7.6°  
Efficiency 90 %  
Peak intensity 35.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



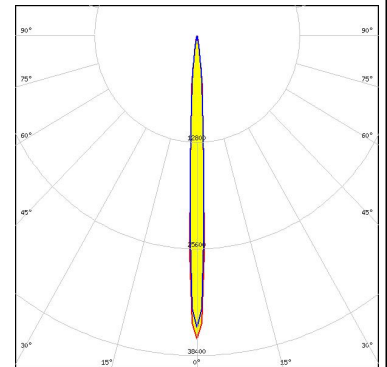
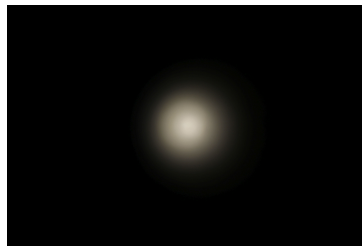
**CREE** ⇄

LED XP-E  
FWHM 4.0°  
Efficiency 93 %  
Peak intensity 87.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



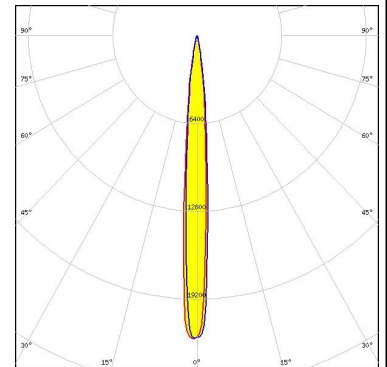
**CREE** ⇄

LED XP-G  
FWHM 5.0°  
Efficiency 93 %  
Peak intensity 52 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** ⇄

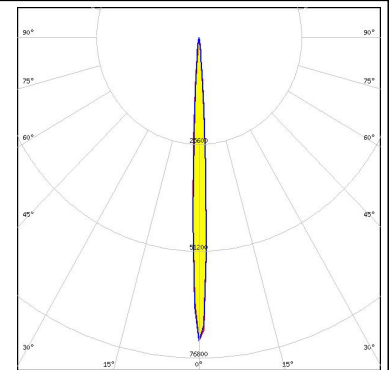
LED XP-L HD  
FWHM 8.5°  
Efficiency 93 %  
Peak intensity 22.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

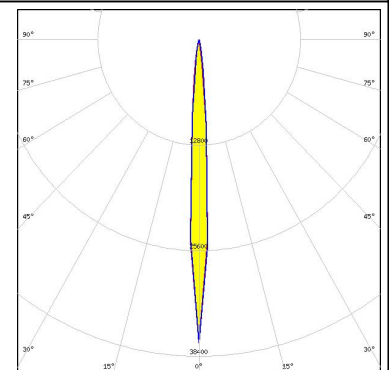
#### LUMILEDS

LED LUXEON Rebel  
 FWHM 5.0°  
 Efficiency 93 %  
 Peak intensity 75.6 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



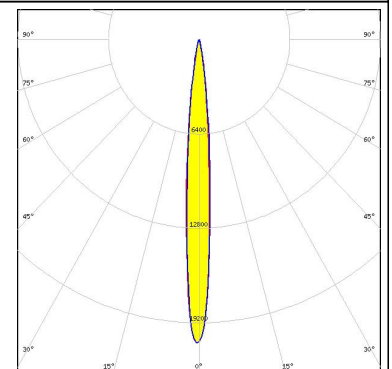
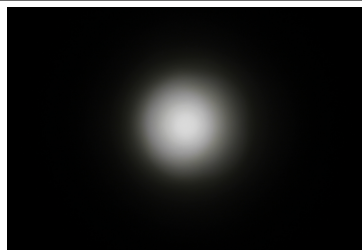
#### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 7.0°  
 Efficiency 93 %  
 Peak intensity 38.5 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



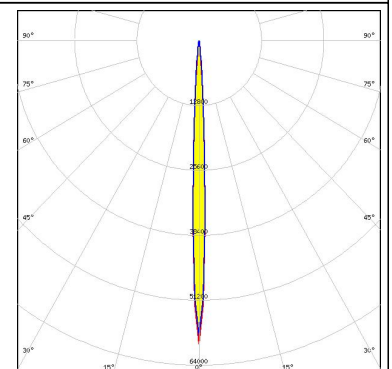
#### LUMILEDS

LED LUXEON V  
 FWHM 9.0°  
 Efficiency 92 %  
 Peak intensity 20.6 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:

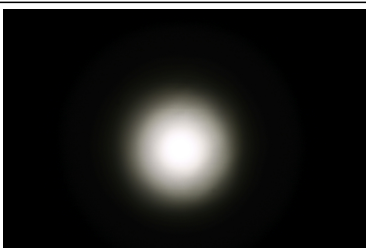
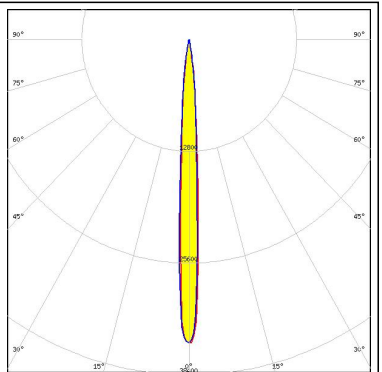
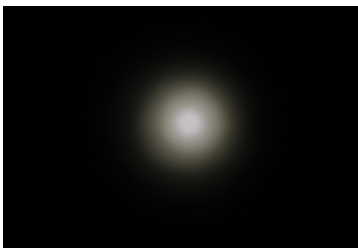
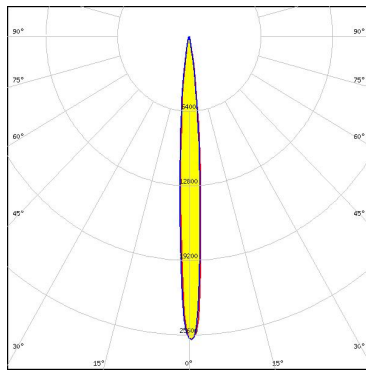

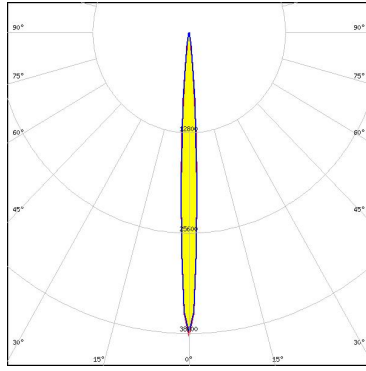
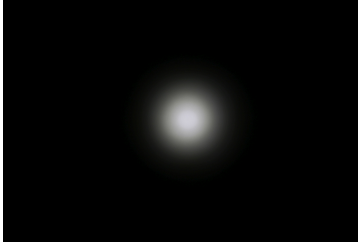
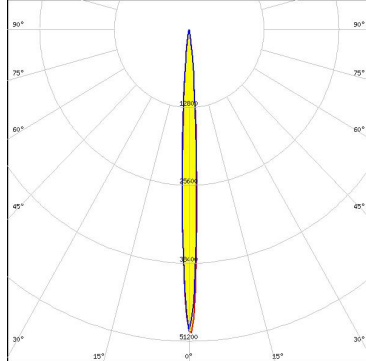


#### NICHIA

LED NCSxx19A  
 FWHM 5.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



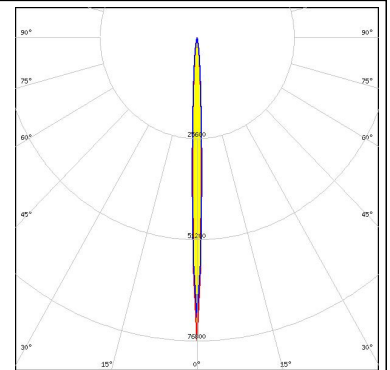
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219F            FWHM 7.0°            Efficiency 93 %            Peak intensity 34.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW3x9A            FWHM 8.0°            Efficiency 90 %            Peak intensity 26.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 6.0°            Efficiency 93 %            Peak intensity 38.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3            FWHM 6.0°            Efficiency 94 %            Peak intensity 49.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

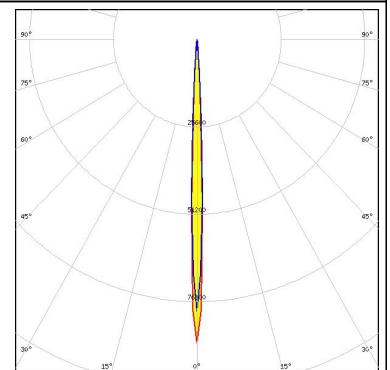
**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM 4.0°  
Efficiency 93 %  
Peak intensity 76.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**OSRAM**  
Opto Semiconductors

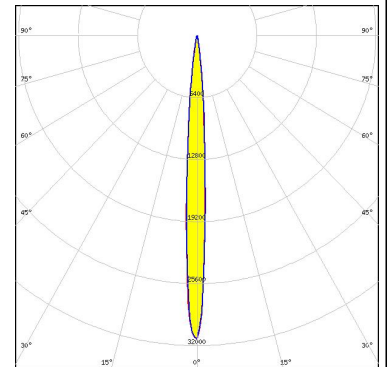
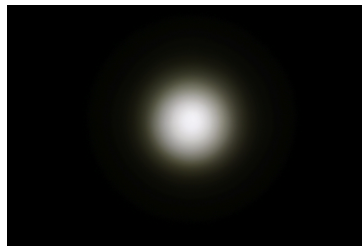
LED OSLON SSL 80  
FWHM 4.0°  
Efficiency 90 %  
Peak intensity 89 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

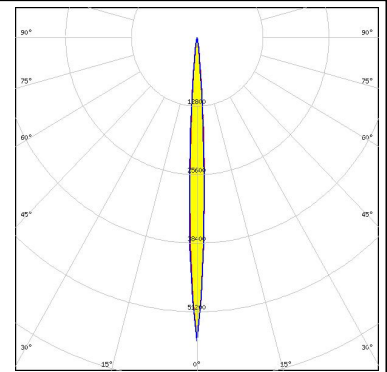
LED Z5M3  
FWHM 7.0°  
Efficiency 92 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



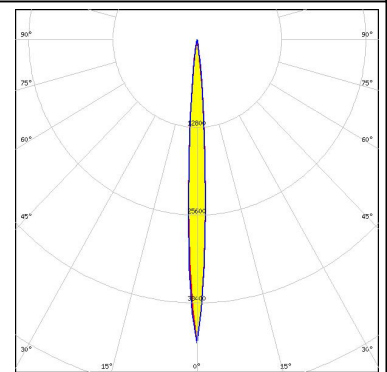
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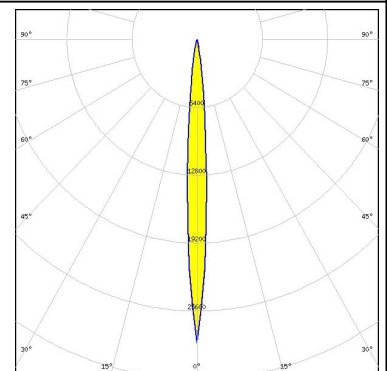
LED XP-E2  
 FWHM 5.9°  
 Efficiency 94 %  
 Peak intensity 56.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



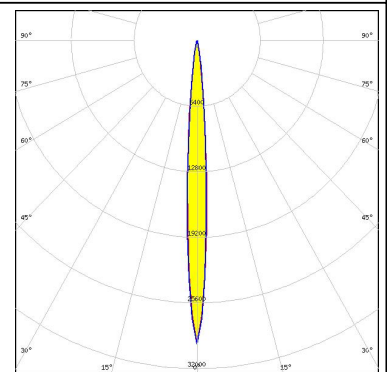
LED XP-G2  
 FWHM 6.7°  
 Efficiency 94 %  
 Peak intensity 44.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2 HE  
 FWHM 8.0°  
 Efficiency 90 %  
 Peak intensity 28.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM 7.5°  
 Efficiency 91 %  
 Peak intensity 29.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



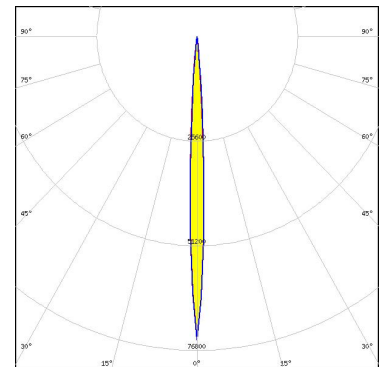
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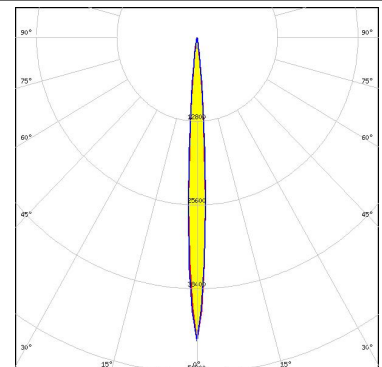
LED XQ-E HD  
 FWHM 5.0°  
 Efficiency 93 %  
 Peak intensity 80 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



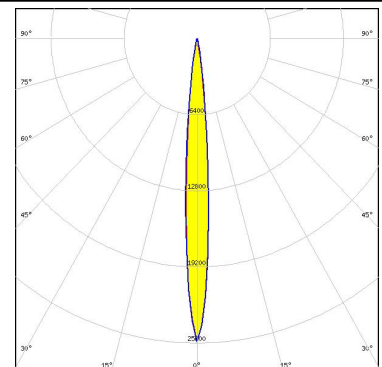
LED XQ-E HD  
 FWHM 5.5°  
 Efficiency 94 %  
 Peak intensity 74.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3737 (2W version)  
 FWHM 6.5°  
 Efficiency 94 %  
 Peak intensity 46.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3737 (3W version)  
 FWHM 9.0°  
 Efficiency 94 %  
 Peak intensity 25.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

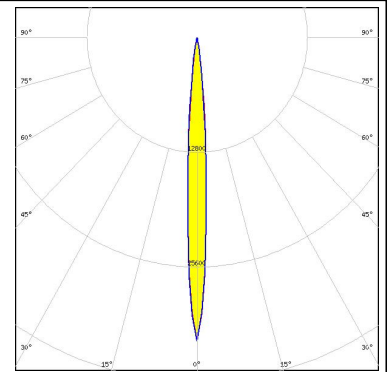




#### PHOTOMETRIC DATA (SIMULATED):

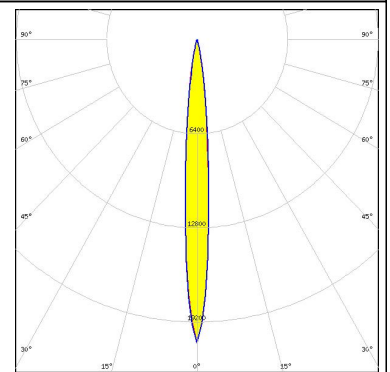
### SAMSUNG

LED LH351B  
 FWHM 7.4°  
 Efficiency 94 %  
 Peak intensity 33.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



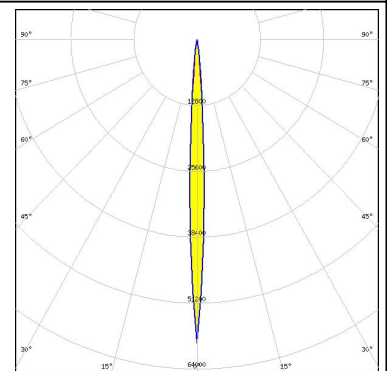
### SAMSUNG

LED LH351D  
 FWHM 9.2°  
 Efficiency 90 %  
 Peak intensity 20.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



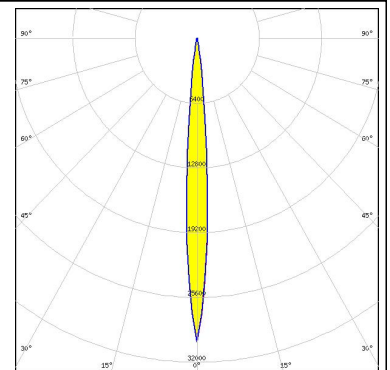
### SAMSUNG

LED LM101B  
 FWHM 6.0°  
 Efficiency 92 %  
 Peak intensity 58.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P  
 FWHM 8.0°  
 Efficiency 98 %  
 Peak intensity 29.9 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.

### 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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Sycamore IL 60178  
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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.