

FLORENTINA-2X2-MRK-M

~40° medium beam. Compatible with ultra high power LEDs.

TECHNICAL SPECIFICATIONS:

Dimensions	89.7 mm
Height	17.7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

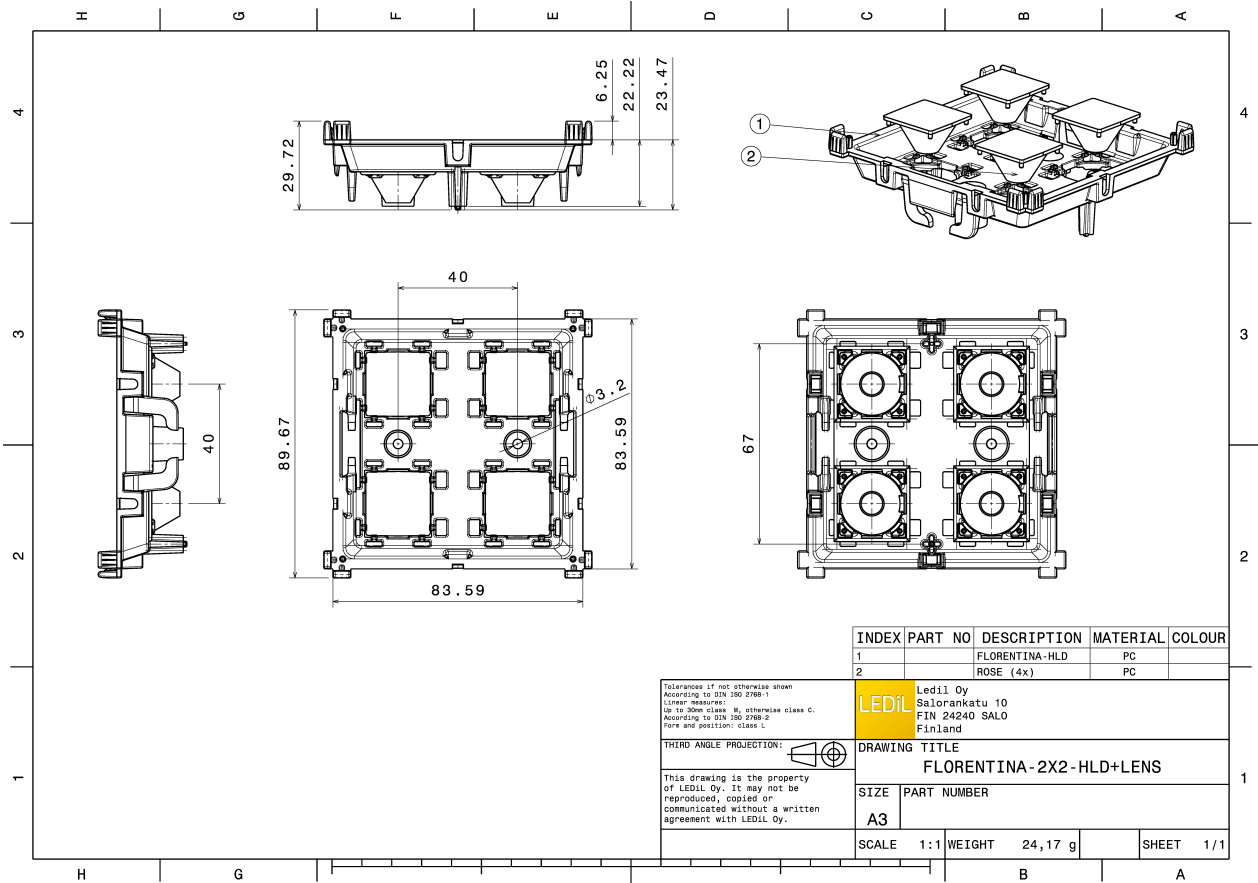
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-MRK-M	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15705_FLORENTINA-2X2-MRK-M	Single lens	88	24	8	4.2
» Box size: 476 x 273 x 292 mm					

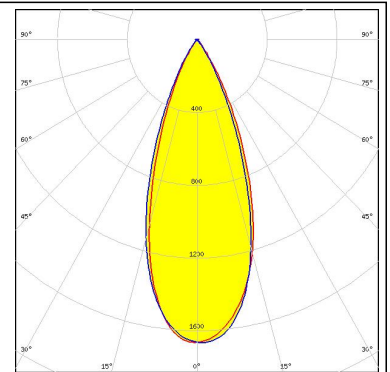




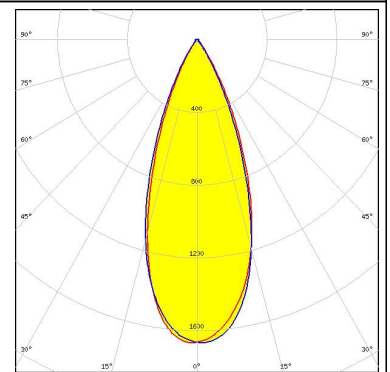
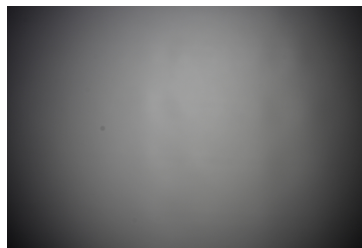
PHOTOMETRIC DATA (MEASURED):



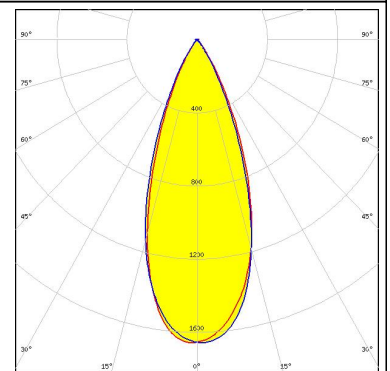
LED XHP35 HD
 FWHM 39.0°
 Efficiency 79 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



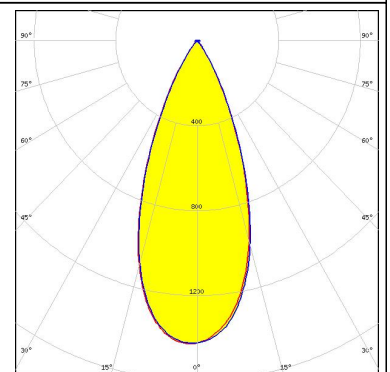
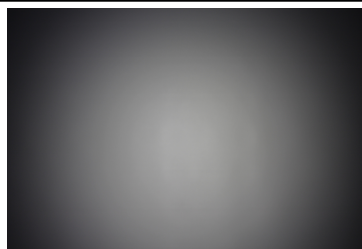
LED XHP35 HD
 FWHM 39.0°
 Efficiency 82 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED XHP35 HD
 FWHM 39.0°
 Efficiency 79 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP50
 FWHM 41.0°
 Efficiency 76 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD

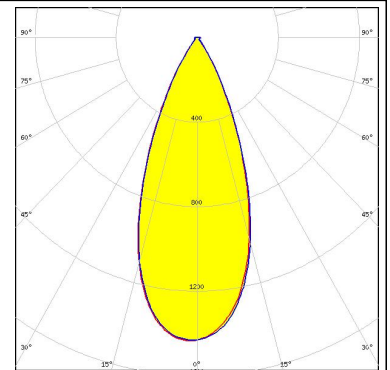


PHOTOMETRIC DATA (MEASURED):



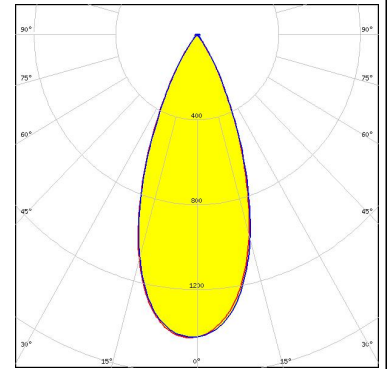
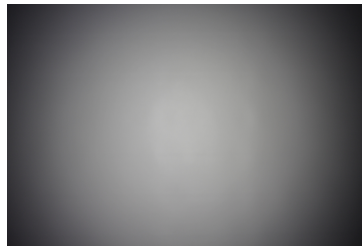
LED XHP50
 FWHM 41.0°
 Efficiency 80 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



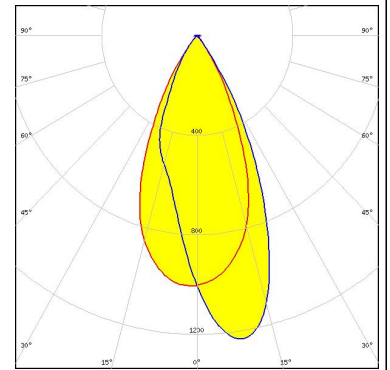
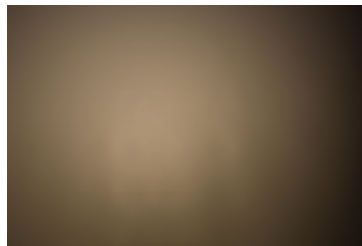
LED XHP50
 FWHM 41.0°
 Efficiency 76 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



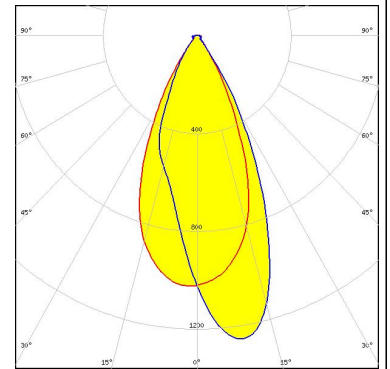
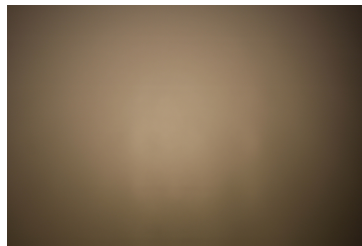
LED XHP70
 FWHM 48.0°
 Efficiency 69 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14734_FLORENTINA-2X2-SHD



LED XHP70
 FWHM 48.0°
 Efficiency 77 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White

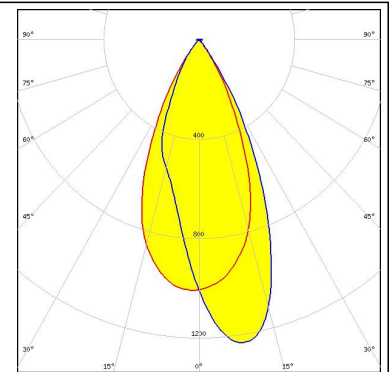
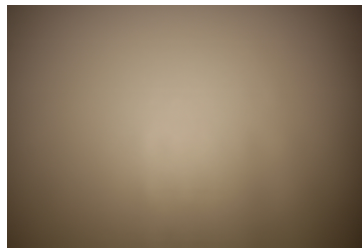
Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



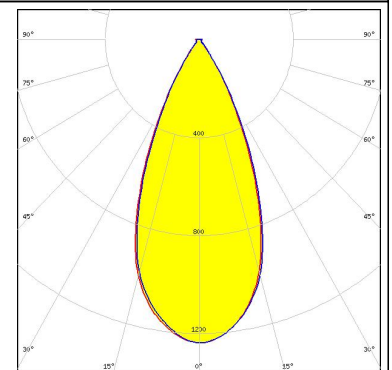
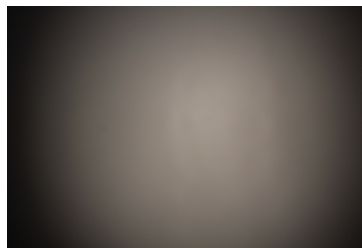
PHOTOMETRIC DATA (MEASURED):



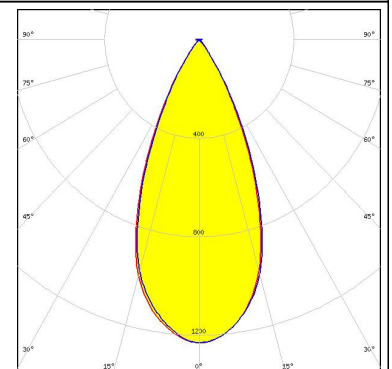
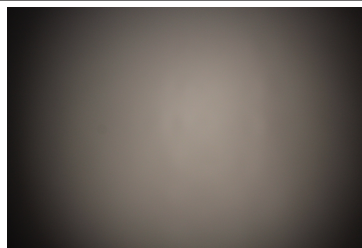
LED XHP70
FWHM 48.0°
Efficiency 70 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



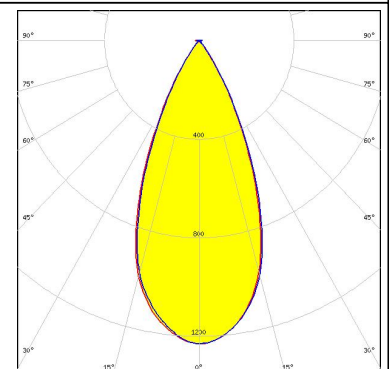
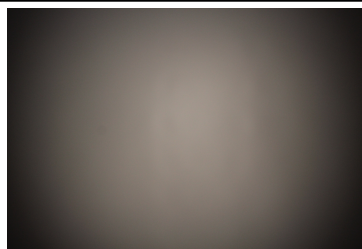
LED H70E0
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED H70E0
FWHM 45.0°
Efficiency 76 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



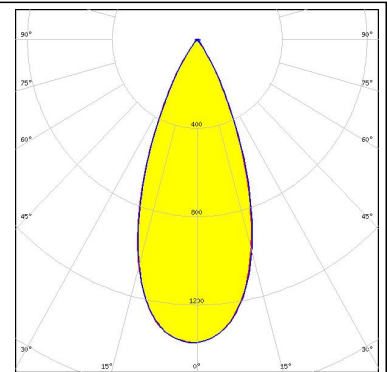
LED H70E0
FWHM 45.0°
Efficiency 75 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



PHOTOMETRIC DATA (MEASURED):

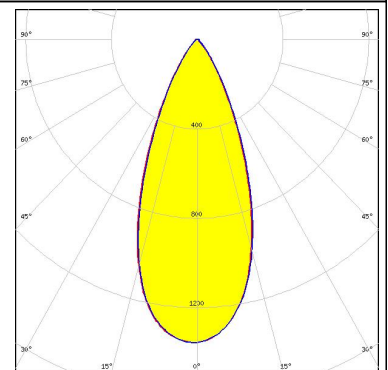
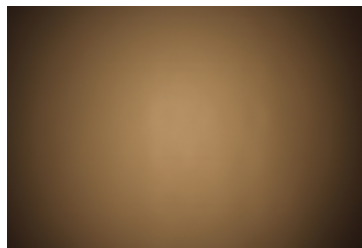
LUMILEDS

LED LUXEON M/MX
 FWHM 42.0°
 Efficiency 74 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



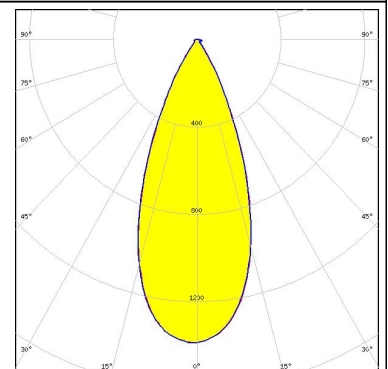
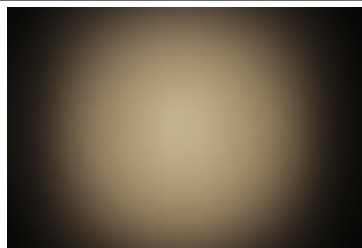
LUMILEDS

LED LUXEON M/MX
 FWHM 43.0°
 Efficiency 82 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



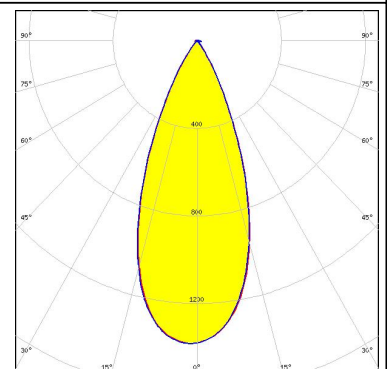
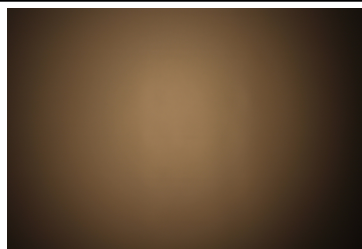
LUMILEDS

LED LUXEON M/MX
 FWHM 42.0°
 Efficiency 79 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT


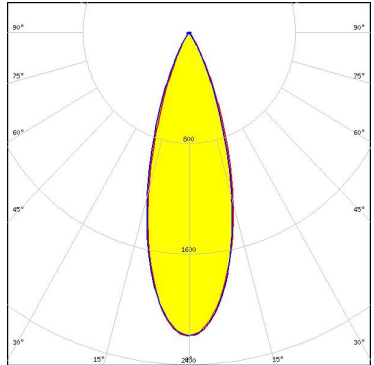
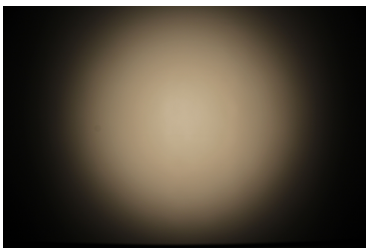
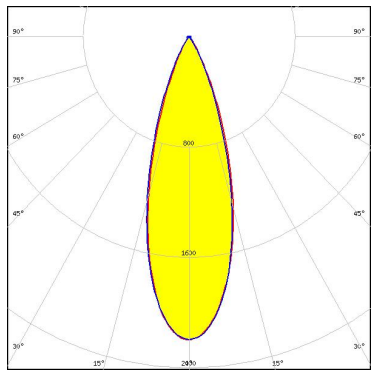

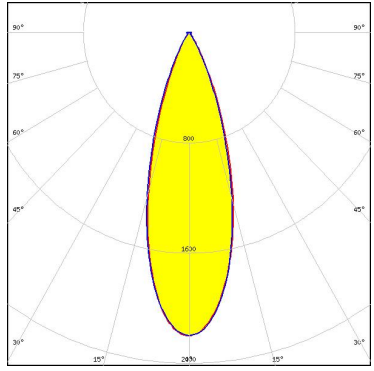
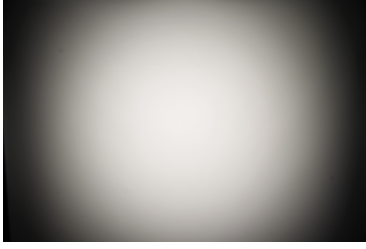
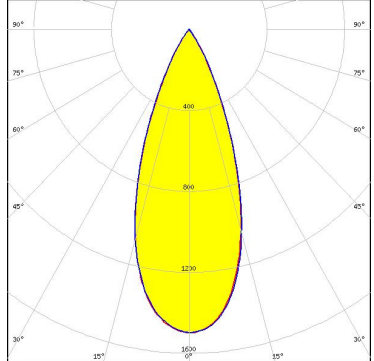


LUMILEDS

LED LUXEON M/MX
 FWHM 41.0°
 Efficiency 74 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



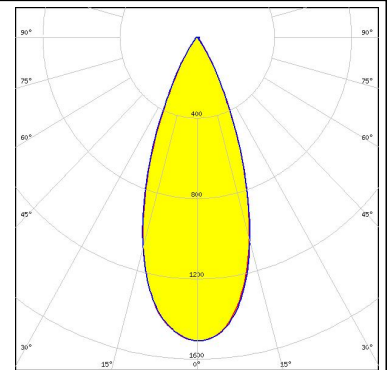
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM 33.0° Efficiency 77 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM 33.0° Efficiency 78 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM 33.0° Efficiency 81 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 7070 FWHM 40.0° Efficiency 70 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

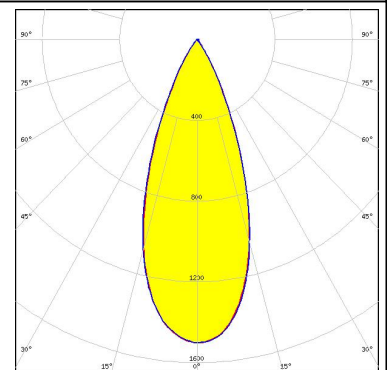
OSRAM Opto Semiconductors

LED OSCONIQ P 7070
 FWHM 40.0°
 Efficiency 75 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



OSRAM Opto Semiconductors

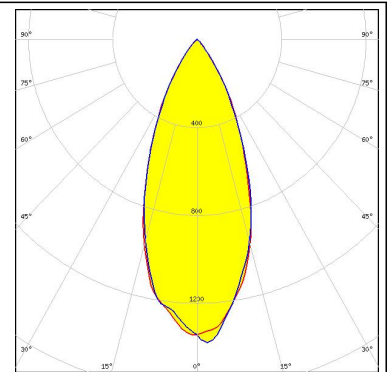
LED OSCONIQ P 7070
 FWHM 40.0°
 Efficiency 71 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (SIMULATED):

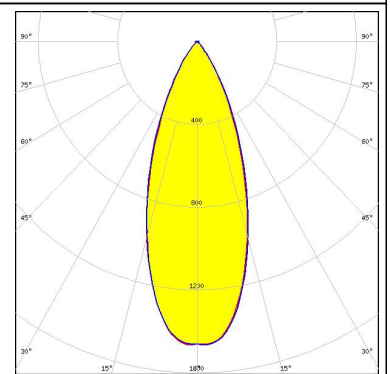


LED NV4x144A
FWHM 42.0°
Efficiency 76 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



Opto Semiconductors

LED Duris S8
FWHM 39.0°
Efficiency 76 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



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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LEDiL Oy

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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)

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru