


FLORENTINA-2X2-D

~18° diffused spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	89.6 mm
Height	22.2 mm
Fastening	pin, screw
ROHS compliant	yes 

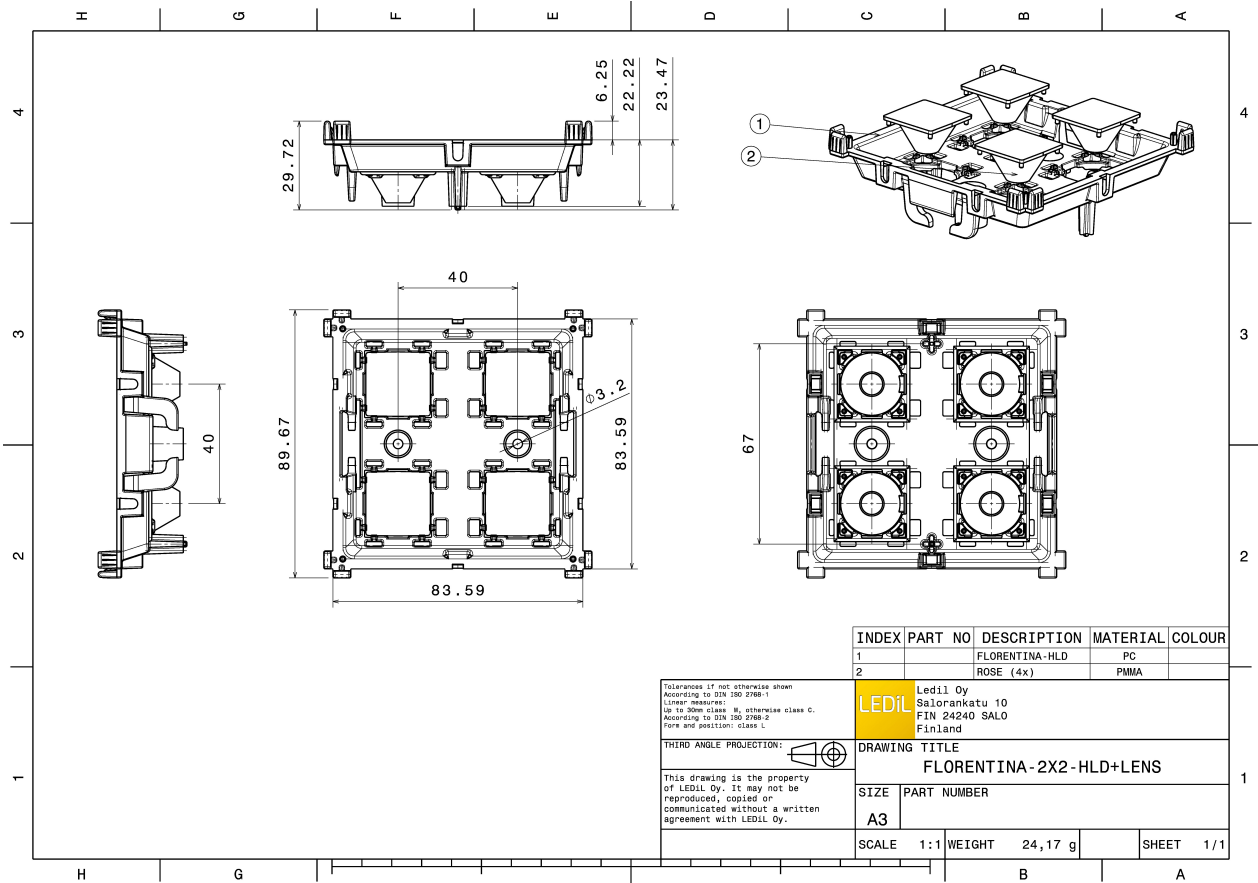
MATERIAL SPECIFICATIONS:

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


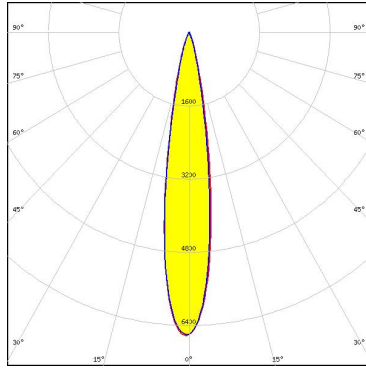
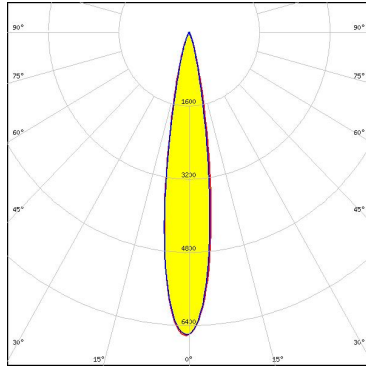


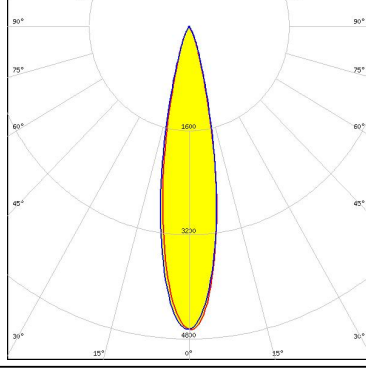


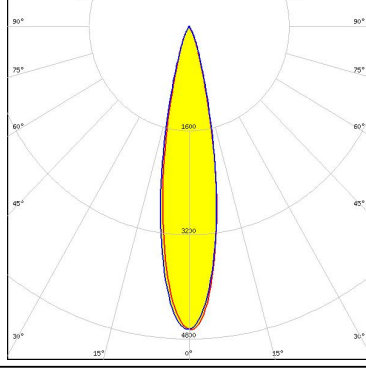





ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14966_FLORENTINA-2X2-D	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7 FWHM 18.0° Efficiency 83 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5 FWHM 16.0° Efficiency 84 % Peak intensity 7.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED XHP35 HD FWHM 21.0° Efficiency 80 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p></p> <p>LED XHP35 HD FWHM 21.0° Efficiency 80 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		

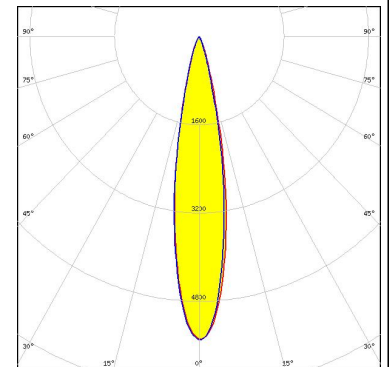
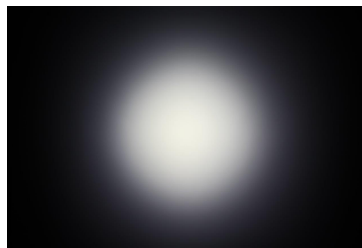
PHOTOMETRIC DATA (MEASURED):



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



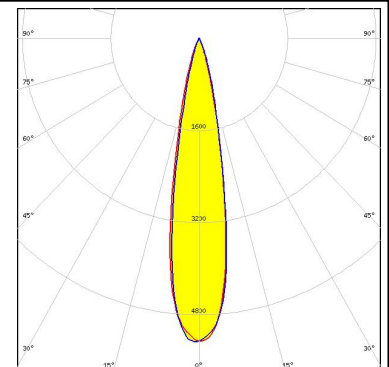
LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



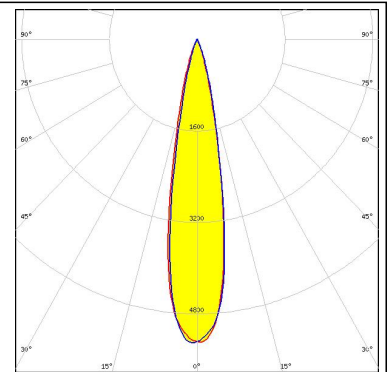
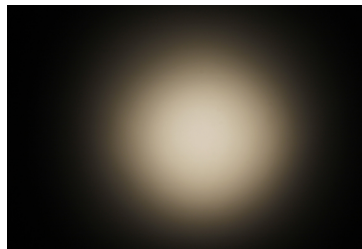
LED LUXEON MZ
FWHM 20.0°
Efficiency 78 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

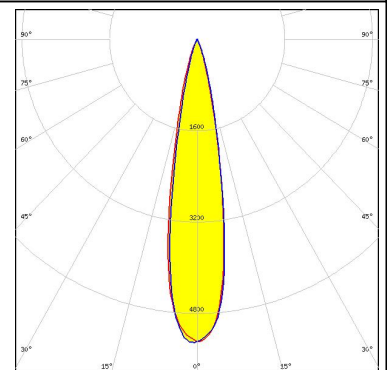
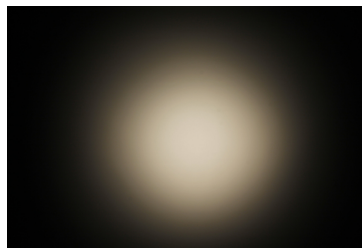
LUMILEDS

LED LUXEON MZ
 FWHM 20.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



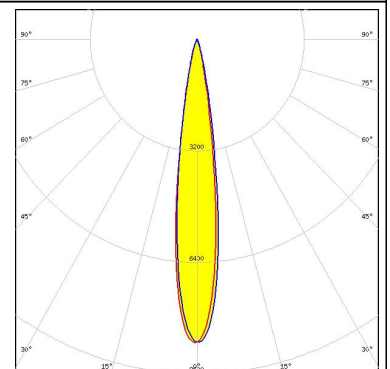
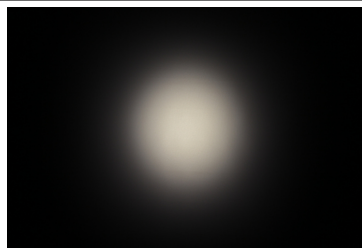
LUMILEDS

LED LUXEON MZ
 FWHM 20.0°
 Efficiency 78 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

LED LUXEON TX
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



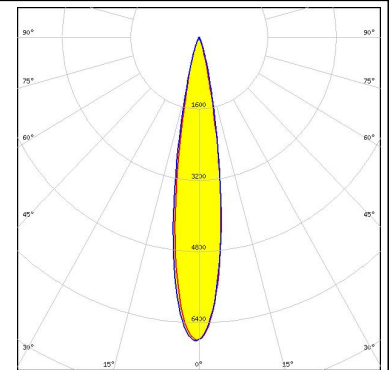
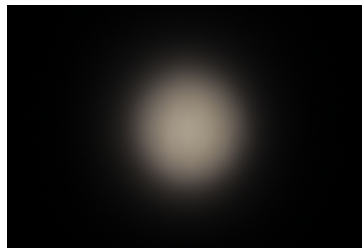
LUMILEDS

LED LUXEON TX
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

PHOTOMETRIC DATA (MEASURED):



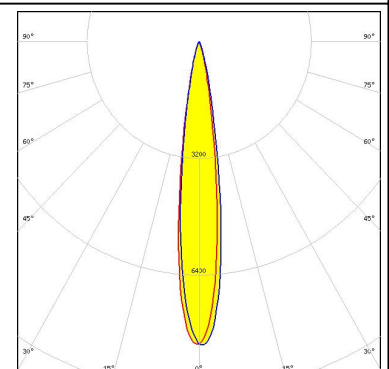
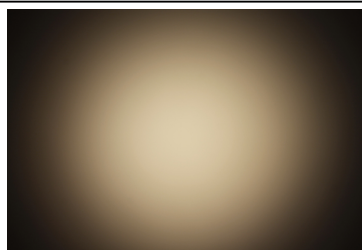
LED NVSxx19B/NVSxx19C
FWHM 18.0°
Efficiency 81 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



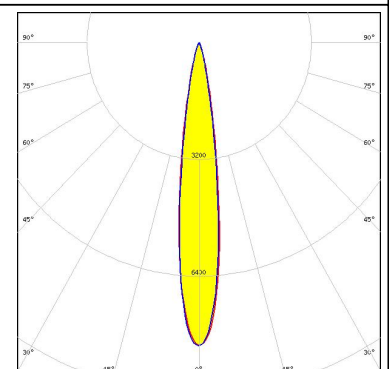
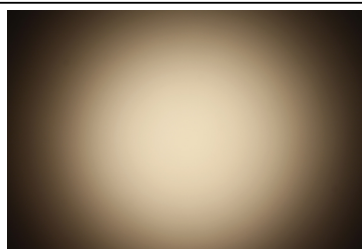
LED NVSxx19B/NVSxx19C
FWHM 18.0°
Efficiency 81 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED OSLOM Square CSSRM2/CSSRM3
FWHM 15.0°
Efficiency 76 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



LED OSLOM Square CSSRM2/CSSRM3
FWHM 15.0°
Efficiency 77 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

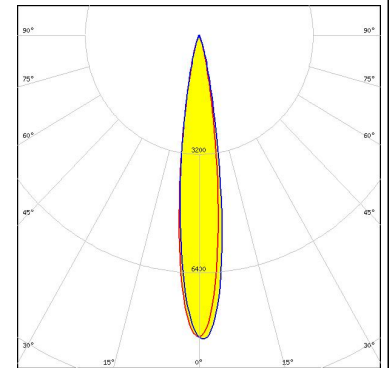
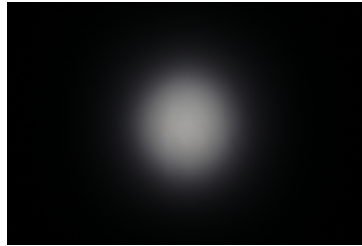


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLOM Square EC
 FWHM 15.0°
 Efficiency 81 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



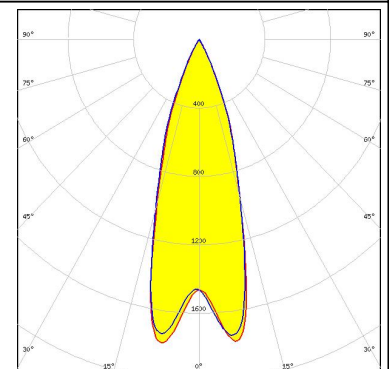
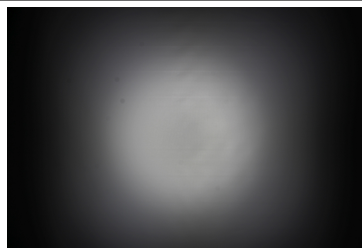
OSRAM

Opto Semiconductors

LED OSLOM Square EC
 FWHM 15.0°
 Efficiency 81 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

SAMSUNG

LED HiLOM SC16 (LH181B)
 FWHM 32.0°
 Efficiency 65 %
 Peak intensity 1.8 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

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