


## FLORENTINA-2X2-M

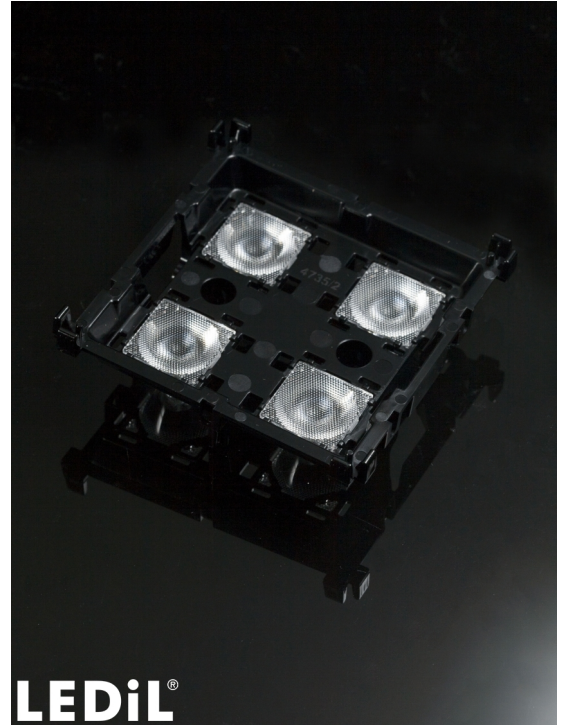
~30° medium beam

### TECHNICAL SPECIFICATIONS:

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

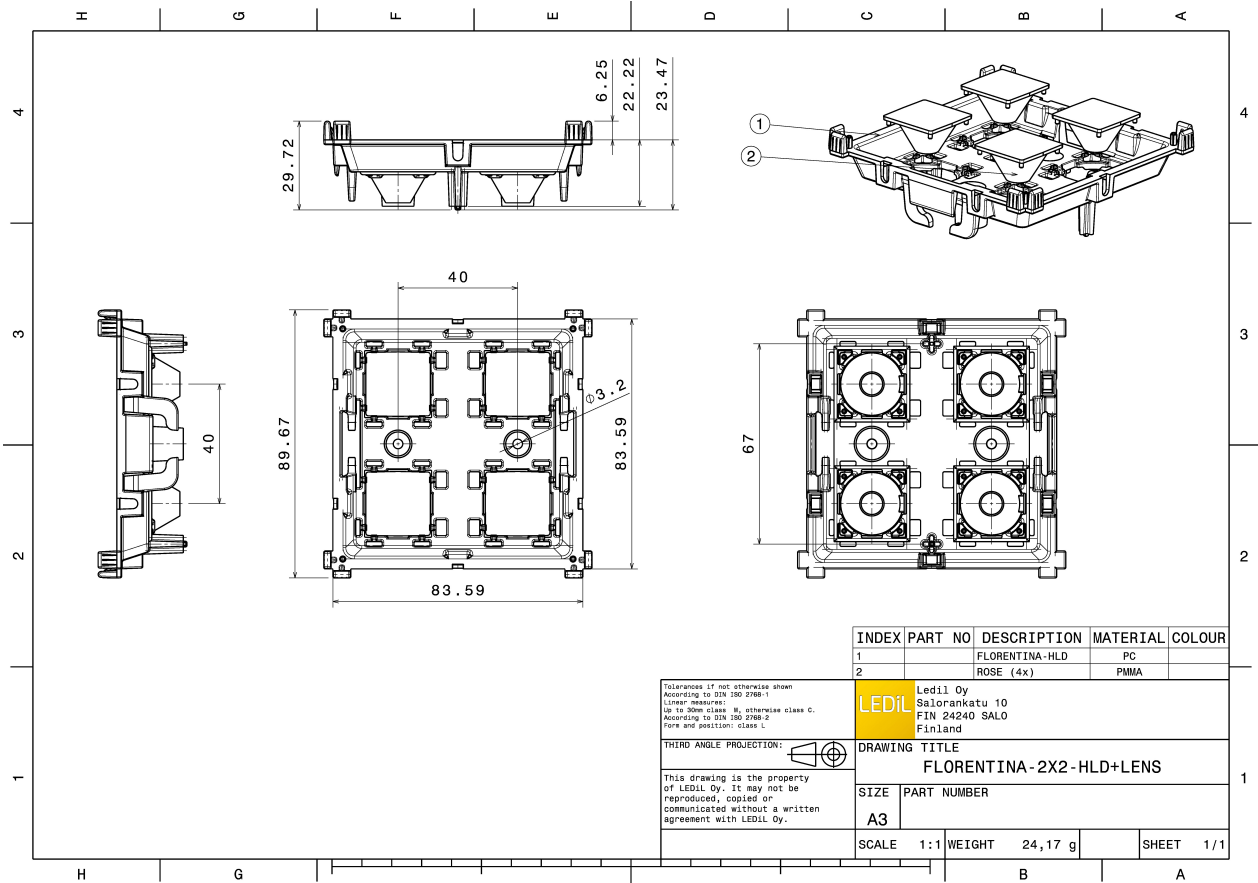
### MATERIAL SPECIFICATIONS:

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


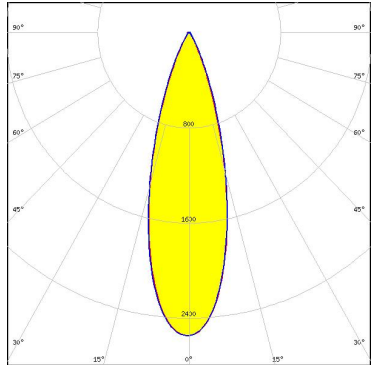
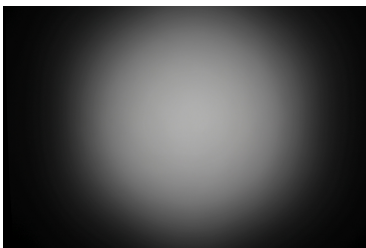
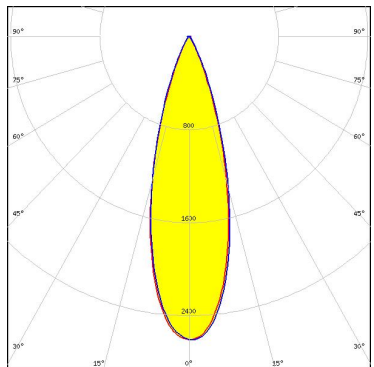

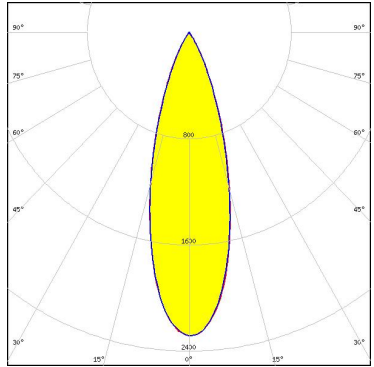
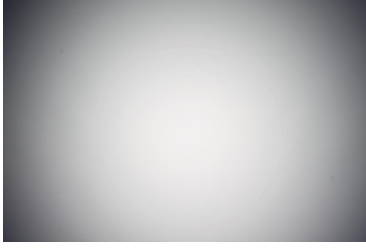
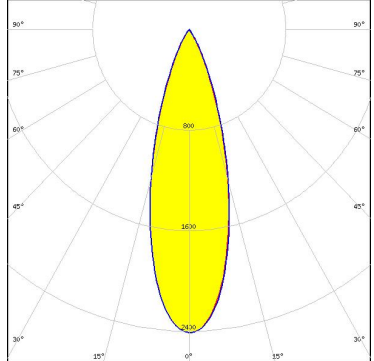


### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP14967_FLORENTINA-2X2-M » Box size: 476 x 273 x 292 mm	Single lens	88	24	8	4.3



#### PHOTOMETRIC DATA (MEASURED):

<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7            FWHM 30.0°            Efficiency 83 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5            FWHM 30.0°            Efficiency 83 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b></p> <p>LED XHP35 HD            FWHM 31.0°            Efficiency 77 %            Peak intensity 2.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>CREE</b></p> <p>LED XP-L HD            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		

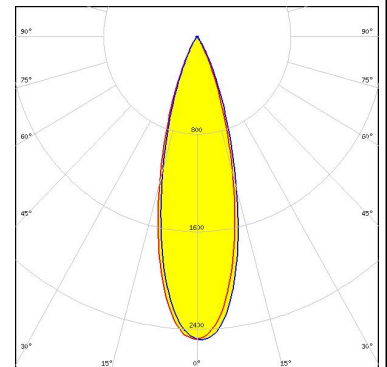
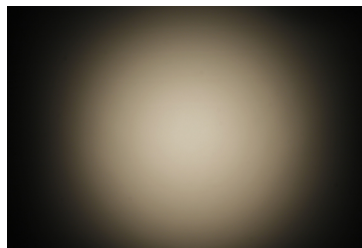
#### PHOTOMETRIC DATA (MEASURED):



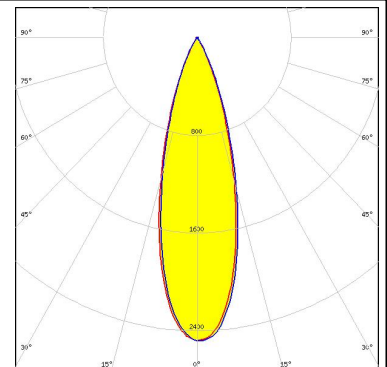
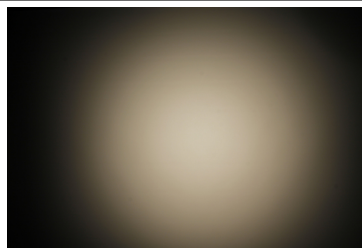
**LED** XP-L HD  
**FWHM** 30.0°  
**Efficiency** 75 %  
**Peak intensity** 2.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14960\_FLORENTINA-2X2-SHD-WHT



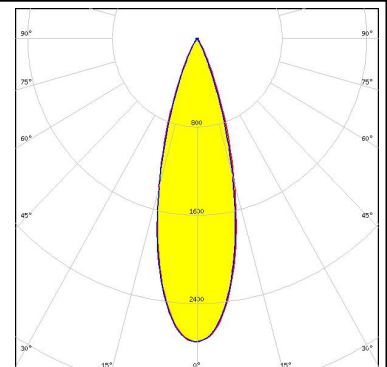
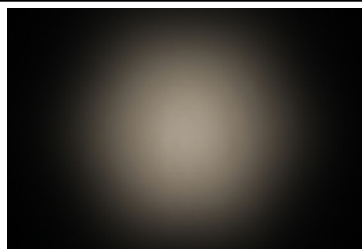
**LED** LUXEON MZ  
**FWHM** 29.0°  
**Efficiency** 77 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14960\_FLORENTINA-2X2-SHD-WHT




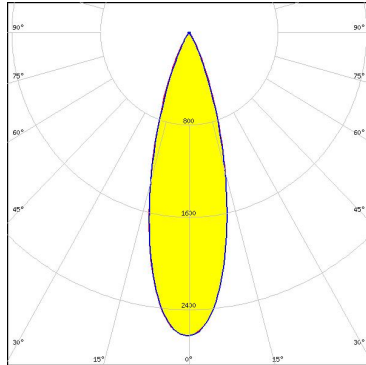
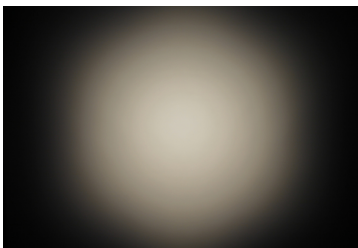
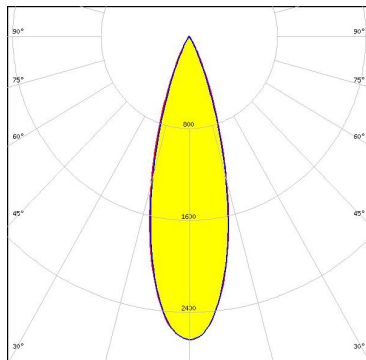

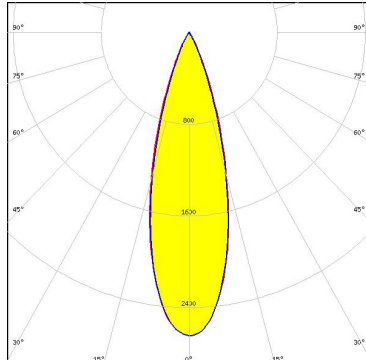
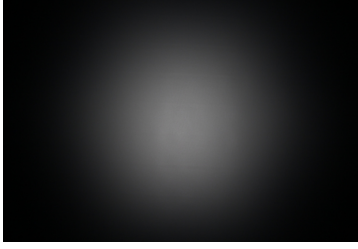
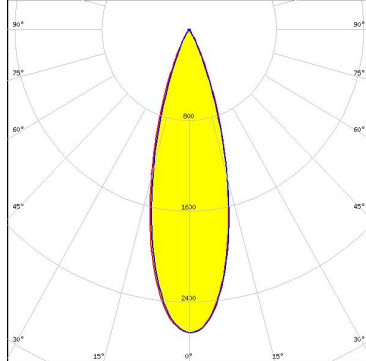
**LED** LUXEON MZ  
**FWHM** 30.0°  
**Efficiency** 75 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD



**LED** LUXEON TX  
**FWHM** 30.0°  
**Efficiency** 80 %  
**Peak intensity** 2.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD



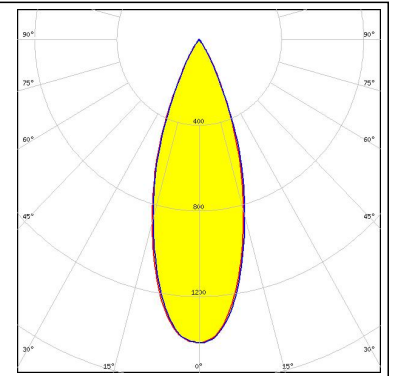
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 30.0°            Efficiency 79 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLO Square CSSRM2/CSSRM3            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLO Square CSSRM2/CSSRM3            FWHM 30.0°            Efficiency 77 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLO Square EC            FWHM 30.0°            Efficiency 80 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		

#### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

LED HiLOM SC16 (LH181B)  
FWHM 36.0°  
Efficiency 58 %  
Peak intensity 1.4 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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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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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.



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