

## FLORENTINA-1-SS

~16° smooth spot beam

### TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-CMC-SS	Single lens	PC	clear	
FLORENTINA-1-HLD	Holder	PC	black	
ROSE-TAPE	Tape	PU tape	black	



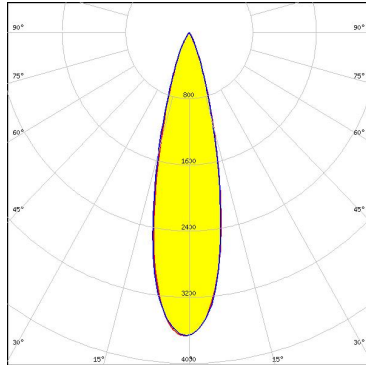


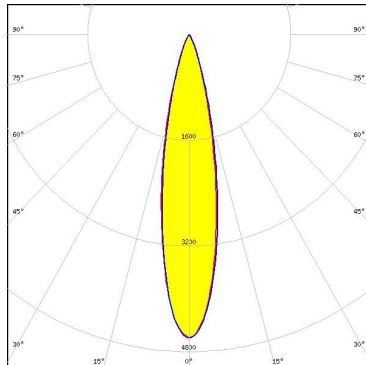


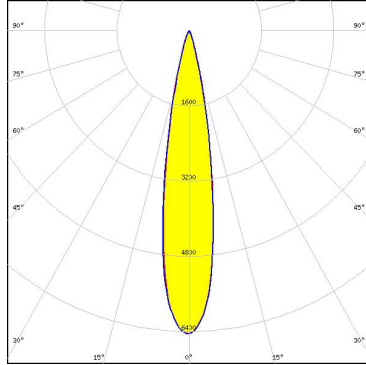


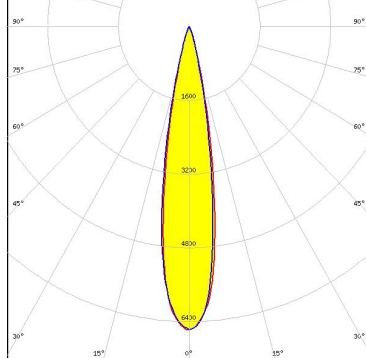


### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15448_FLORENTINA-1-SS	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					



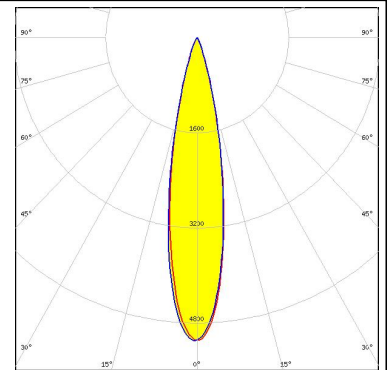
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>bridgelux</b></p> <p>LED                    Bridgelux SMD 5050            FWHM                25.0°            Efficiency            82 %            Peak intensity       3.7 cd/lm            LEDs/each optic    1            Light colour        White            Required components:                                     C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>CREE</b></p> <p>LED                    XHP35 HD            FWHM                21.0°            Efficiency            80 %            Peak intensity       4.6 cd/lm            LEDs/each optic    1            Light colour        White            Required components:                                     C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>CREE</b></p> <p>LED                    XHP35 HI            FWHM                19.0°            Efficiency            80 %            Peak intensity       6.5 cd/lm            LEDs/each optic    1            Light colour        White            Required components:                                     C15427_FLORENTINA-1-SHD-60</p>		
<p> <b>CREE</b></p> <p>LED                    XP-G2            FWHM                19.0°            Efficiency            80 %            Peak intensity       6.6 cd/lm            LEDs/each optic    1            Light colour        White            Required components:                                     C15427_FLORENTINA-1-SHD-60</p>		

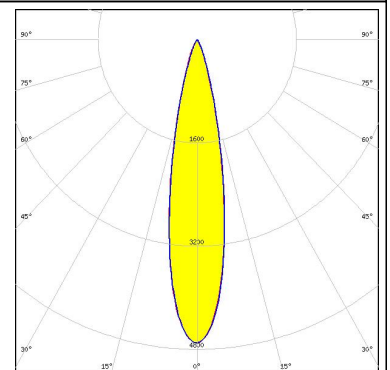
#### PHOTOMETRIC DATA (MEASURED):



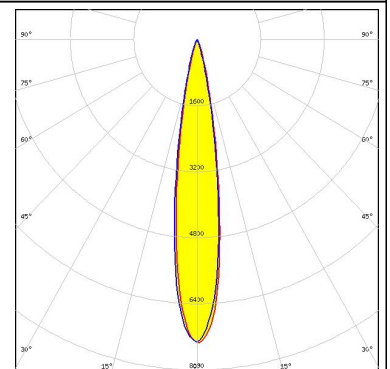
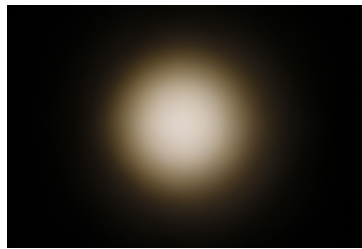
LED XP-L HD  
 FWHM 21.0°  
 Efficiency 79 %  
 Peak intensity 5.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



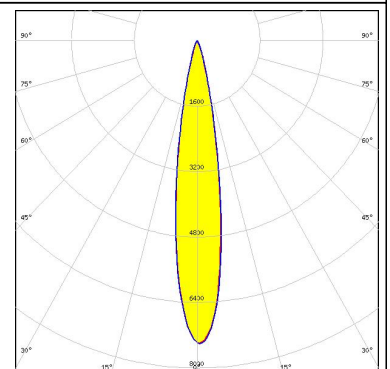
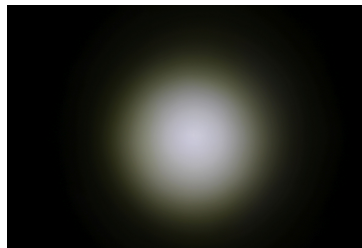
LED XP-L2  
 FWHM 21.0°  
 Efficiency 78 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



LED XT-E  
 FWHM 17.0°  
 Efficiency 78 %  
 Peak intensity 7.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



LED LG 5630  
 FWHM 17.0°  
 Efficiency 85 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16701\_FLORENTINA-1-SHD-60-WHT

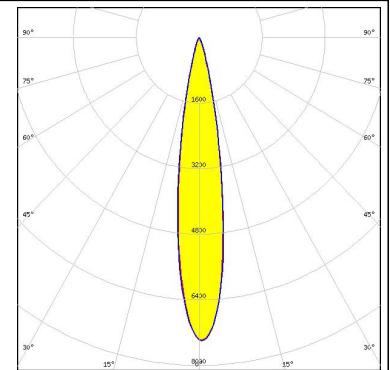
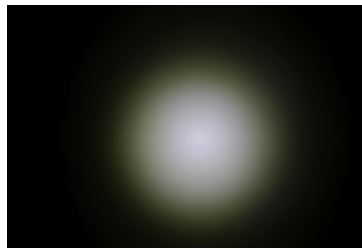




#### PHOTOMETRIC DATA (MEASURED):

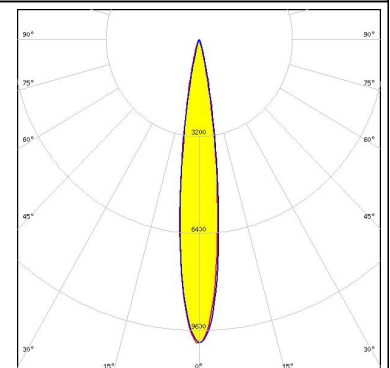
##### LG Innotek

LED LG 5630  
 FWHM 17.0°  
 Efficiency 84 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



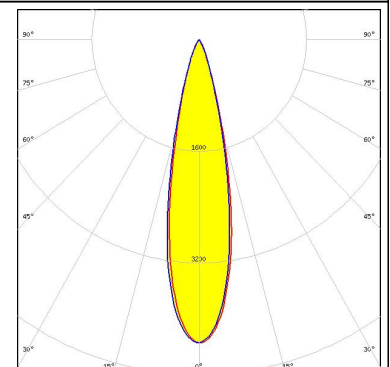
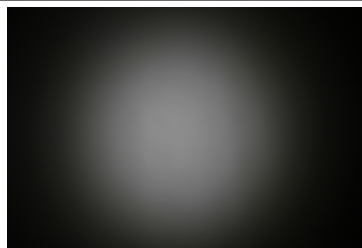
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM 15.0°  
 Efficiency 82 %  
 Peak intensity 10 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



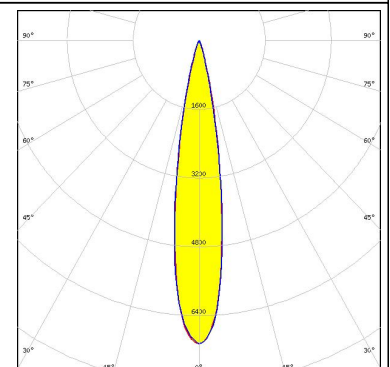
##### LUMILEDS

LED LUXEON 5050 Round LES  
 FWHM 23.0°  
 Efficiency 83 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60

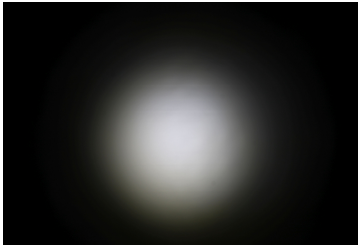
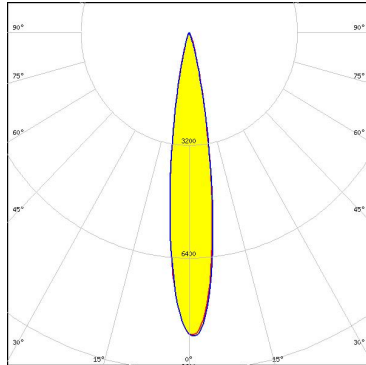

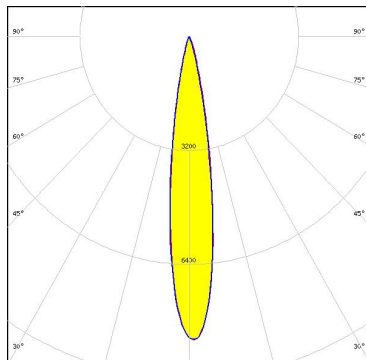
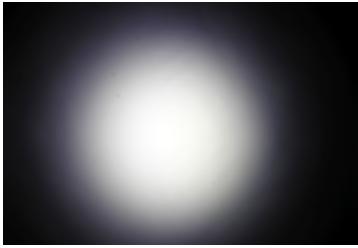
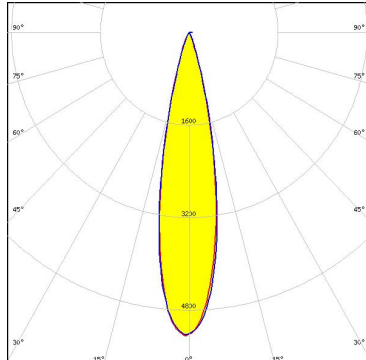
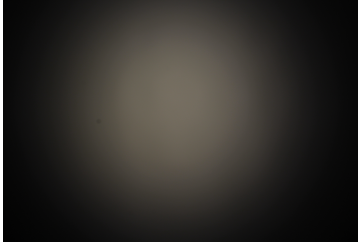
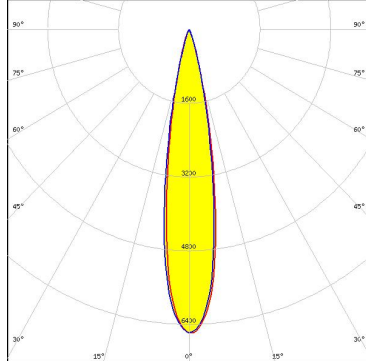


##### LUMILEDS

LED LUXEON TX  
 FWHM 18.0°  
 Efficiency 80 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



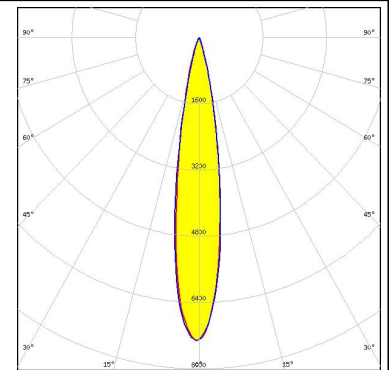
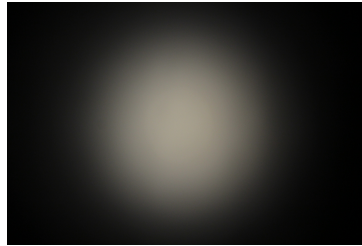
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 16.0°            Efficiency 85 %            Peak intensity 8.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16701_FLORENTINA-1-SHD-60-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 16.0°            Efficiency 84 %            Peak intensity 8.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p><b>NICHIA</b></p> <p>LED NVSW319B            FWHM 22.0°            Efficiency 84 %            Peak intensity 5.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 19.0°            Efficiency 81 %            Peak intensity 6.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15427_FLORENTINA-1-SHD-60</p>		

#### PHOTOMETRIC DATA (MEASURED):

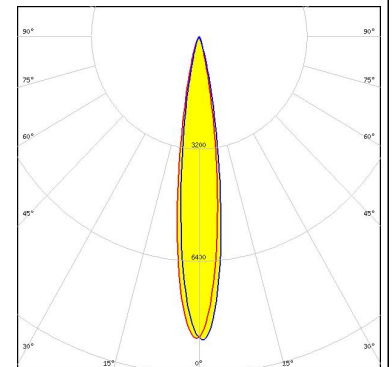
#### OSRAM

Opto Semiconductors  
 LED OSLON Square EC  
 FWHM 17.0°  
 Efficiency 81 %  
 Peak intensity 7.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



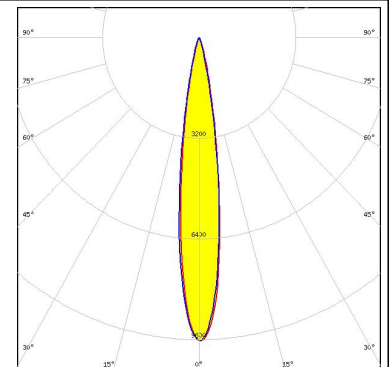
#### SAMSUNG

LED LM561B  
 FWHM 15.0°  
 Efficiency 84 %  
 Peak intensity 8.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



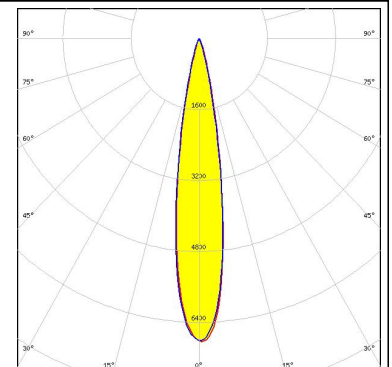
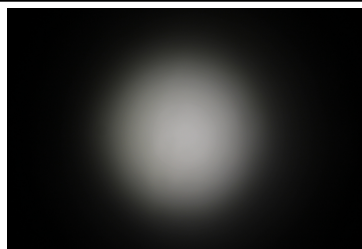
SEOUL SEMICONDUCTOR

LED SEOUL 5630  
 FWHM 15.0°  
 Efficiency 86 %  
 Peak intensity 9.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

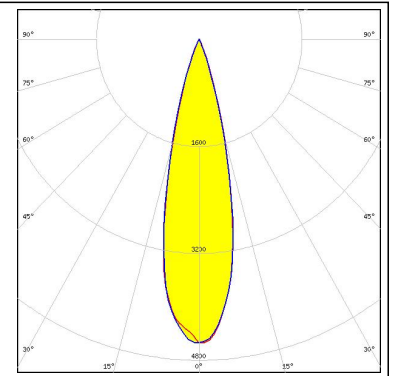
LED Z8Y22P  
 FWHM 18.0°  
 Efficiency 77 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



#### PHOTOMETRIC DATA (SIMULATED):



LED XP-G2 HE  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



#### 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

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#### Shipping locations

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#### Distribution Partners

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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