

FLORENTINA-2X2-MRK-W

~50° wide beam. Compatible with ultra high power LEDs.

TECHNICAL SPECIFICATIONS:

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

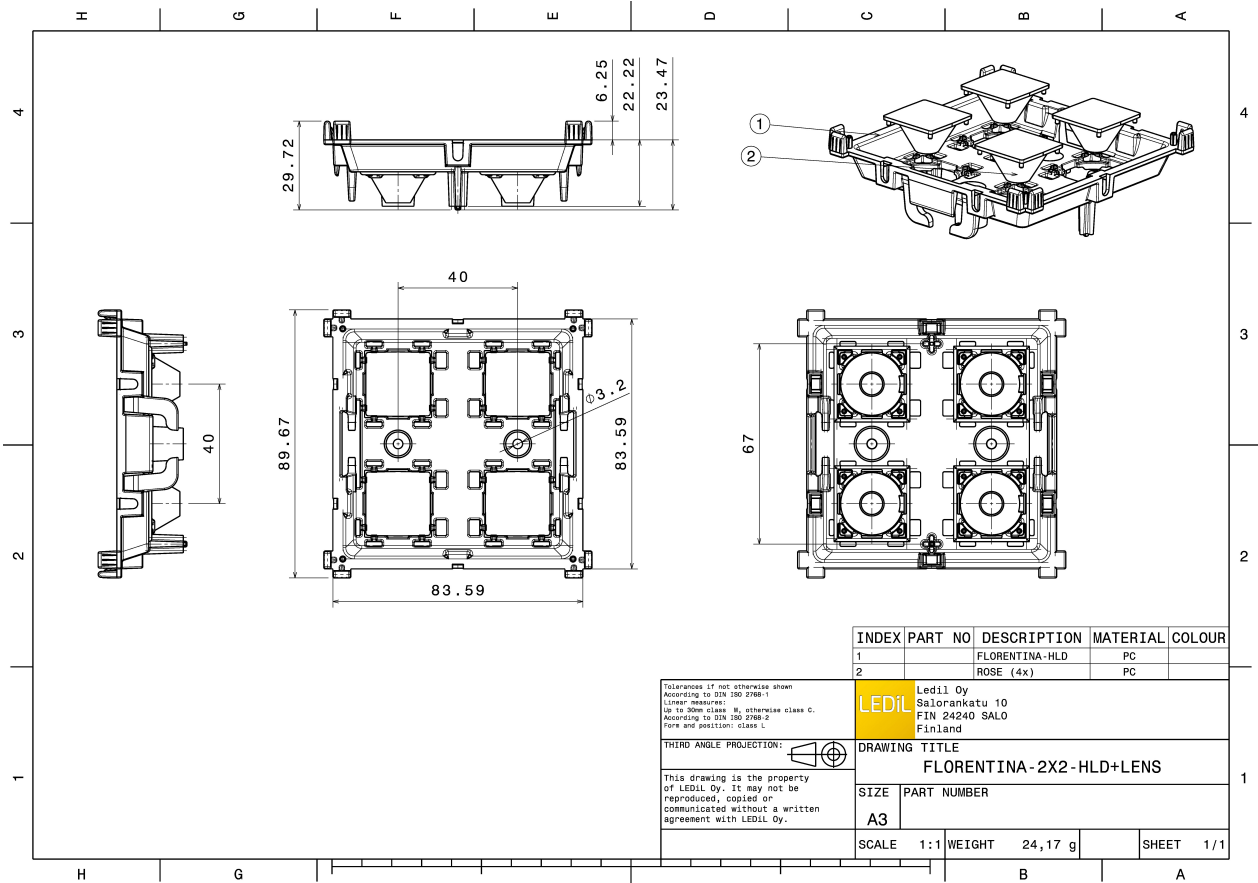
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

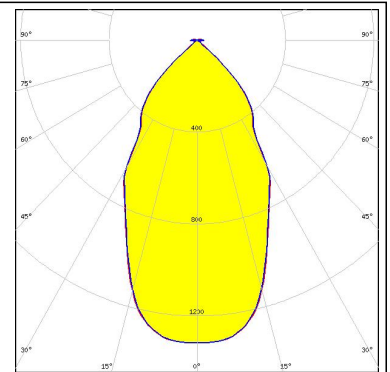
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15706_FLORENTINA-2X2-MRK-W	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



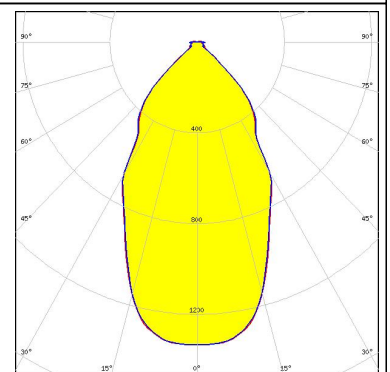
PHOTOMETRIC DATA (MEASURED):



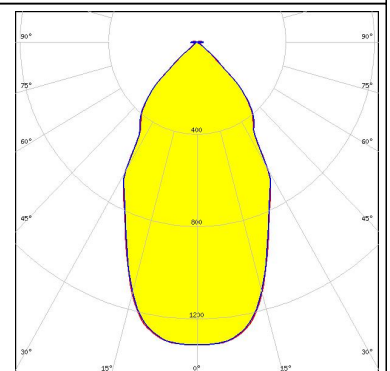
LED XHP35 HD
 FWHM 57.0°
 Efficiency 72 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



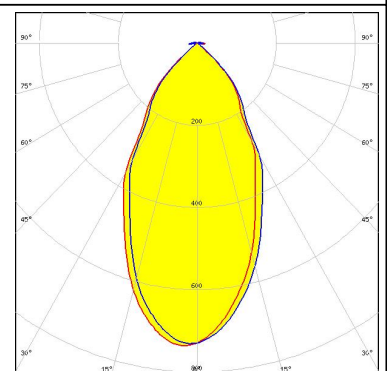
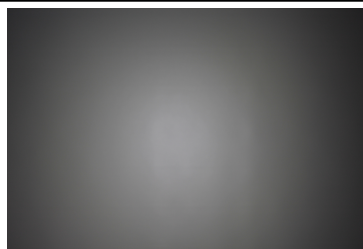
LED XHP35 HD
 FWHM 58.0°
 Efficiency 78 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED XHP35 HD
 FWHM 57.0°
 Efficiency 72 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP50
 FWHM 53.0°
 Efficiency 71 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD

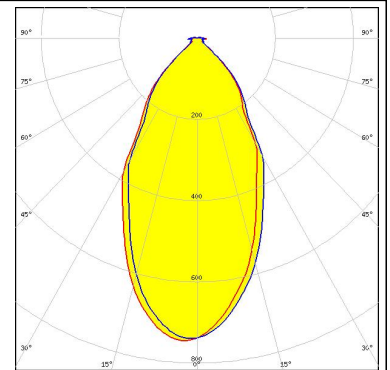


PHOTOMETRIC DATA (MEASURED):



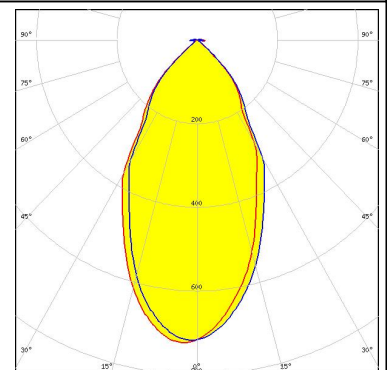
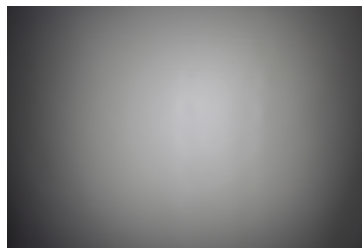
LED XHP50
 FWHM 54.0°
 Efficiency 77 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



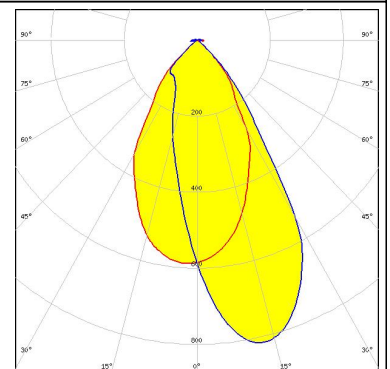
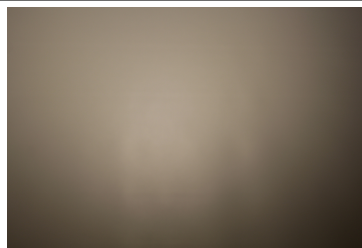
LED XHP50
 FWHM 54.0°
 Efficiency 71 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



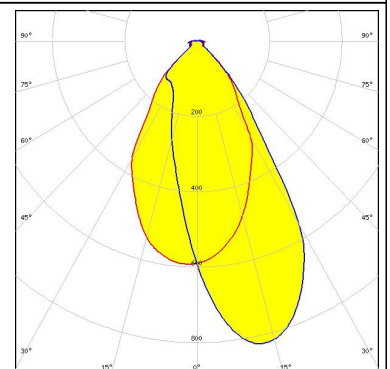
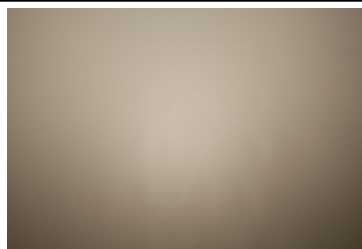
LED XHP70
 FWHM 61.0°
 Efficiency 66 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14734_FLORENTINA-2X2-SHD



LED XHP70
 FWHM 63.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

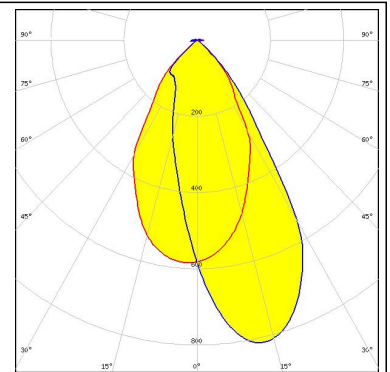
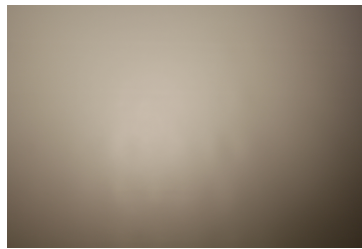


PHOTOMETRIC DATA (MEASURED):



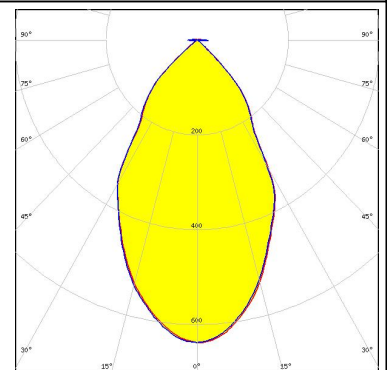
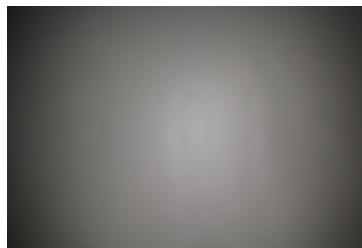
LED XHP70
 FWHM 61.0°
 Efficiency 66 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



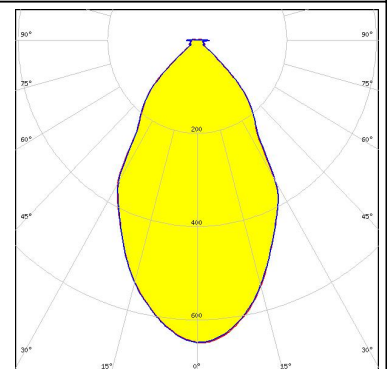
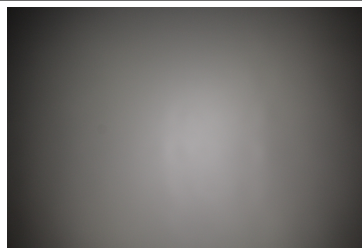
LED H70E0
 FWHM 61.0°
 Efficiency 69 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14734_FLORENTINA-2X2-SHD



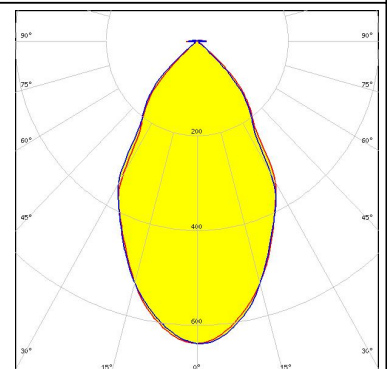
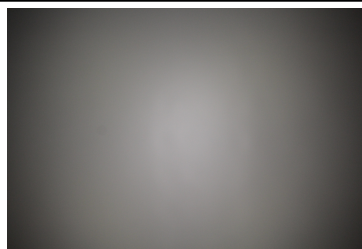
LED H70E0
 FWHM 62.0°
 Efficiency 76 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED H70E0
 FWHM 61.0°
 Efficiency 69 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White

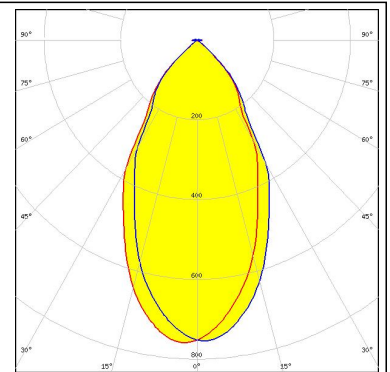
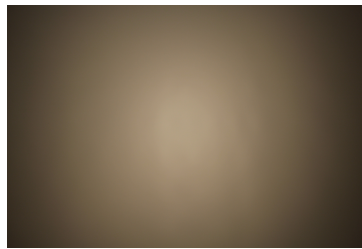
Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

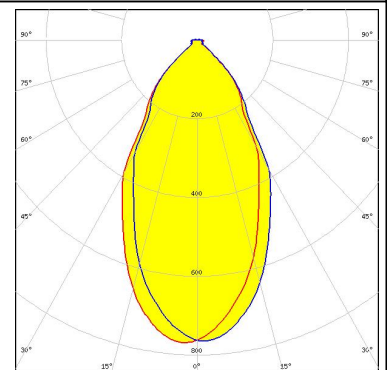
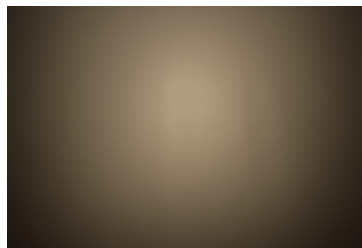
LUMILEDS

LED LUXEON M/MX
 FWHM 54.0°
 Efficiency 71 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



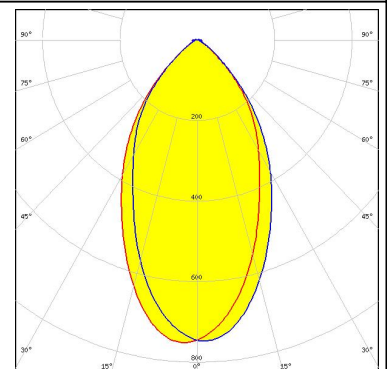
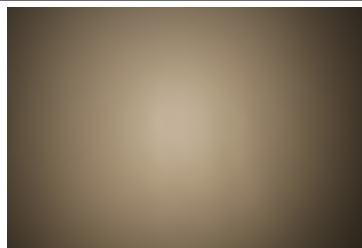
LUMILEDS

LED LUXEON M/MX
 FWHM 55.0°
 Efficiency 78 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



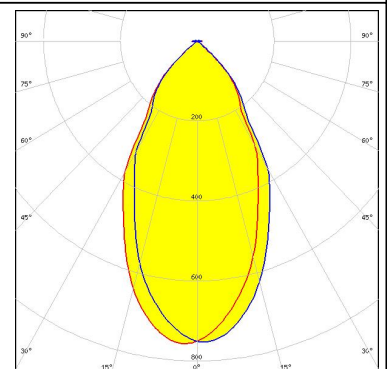
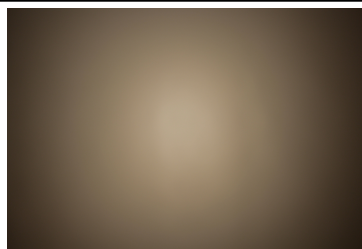
LUMILEDS

LED LUXEON M/MX
 FWHM 56.0°
 Efficiency 81 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

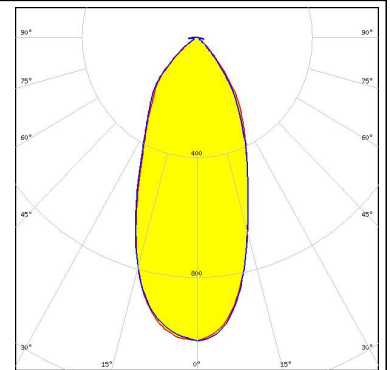
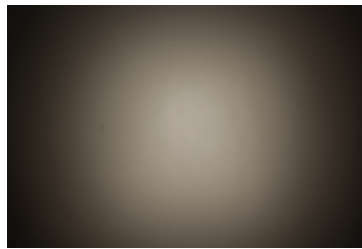
LED LUXEON M/MX
 FWHM 55.0°
 Efficiency 71 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

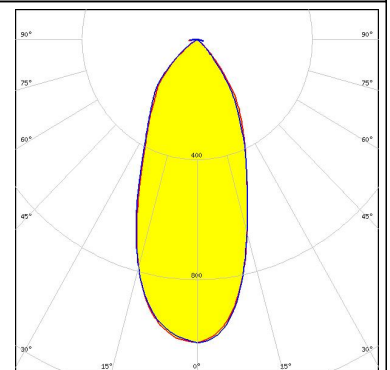
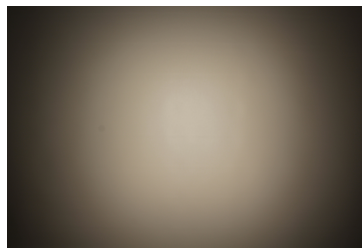
LUMILEDS

LED LUXEON MZ
 FWHM 44.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



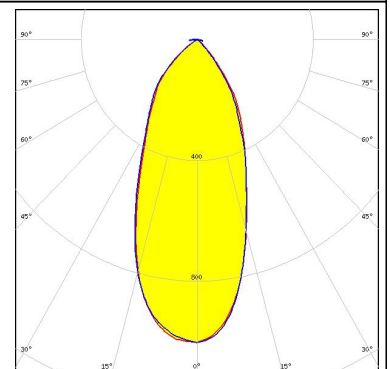
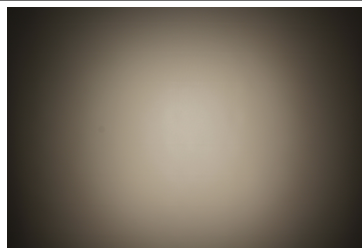
LUMILEDS

LED LUXEON MZ
 FWHM 43.0°
 Efficiency 75 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



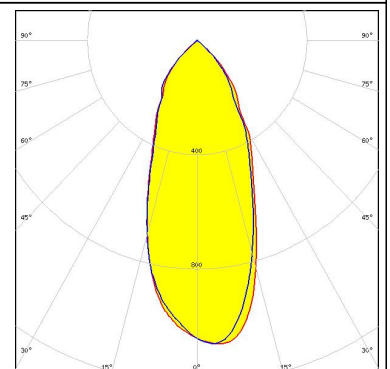
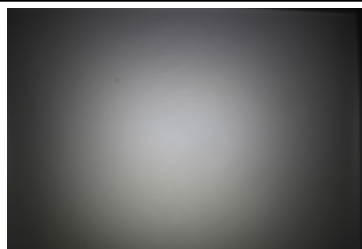
LUMILEDS

LED LUXEON MZ
 FWHM 43.0°
 Efficiency 78 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



NICHIA

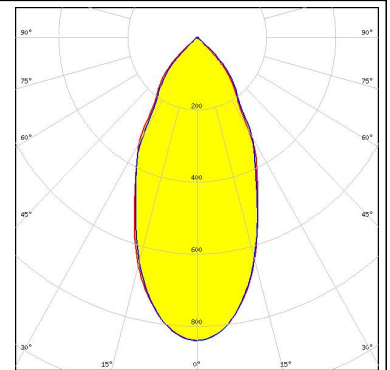
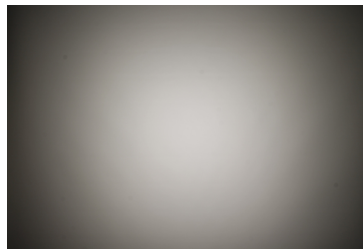
LED NF2x757G
 FWHM 42.0°
 Efficiency 76 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



PHOTOMETRIC DATA (MEASURED):

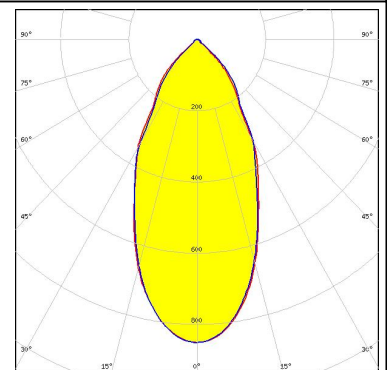
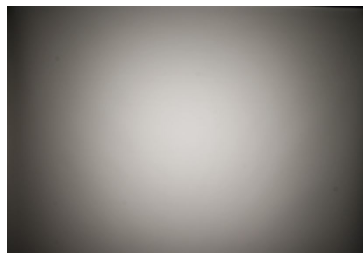
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
 FWHM 49.0°
 Efficiency 68 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



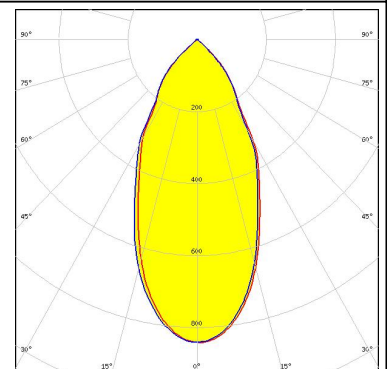
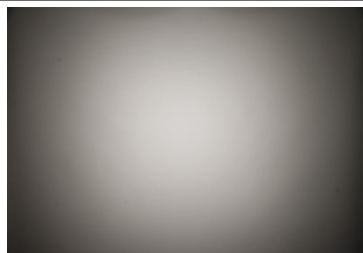
OSRAM
Opto Semiconductors

LED OSCONIQ P 7070
 FWHM 50.0°
 Efficiency 74 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



OSRAM
Opto Semiconductors

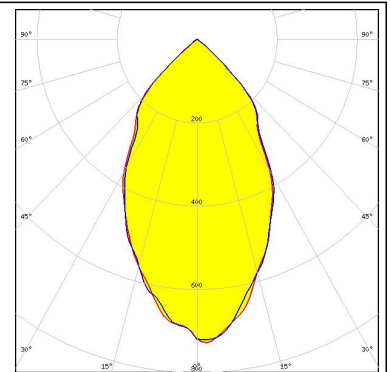
LED OSCONIQ P 7070
 FWHM 49.0°
 Efficiency 68 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



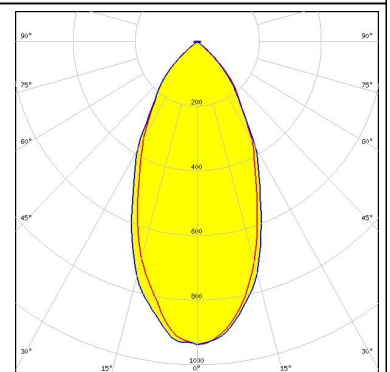
PHOTOMETRIC DATA (SIMULATED):



LED NV4x144A
FWHM 60.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED Duris S8
FWHM 50.0°
Efficiency 81 %
Peak intensity 1 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)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

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Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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moschip.ru_9