

FLORENTINA-2X2-MRK-S

~25° spot beam . Compatible with ultra high power LEDs.

SPECIFICATION:

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

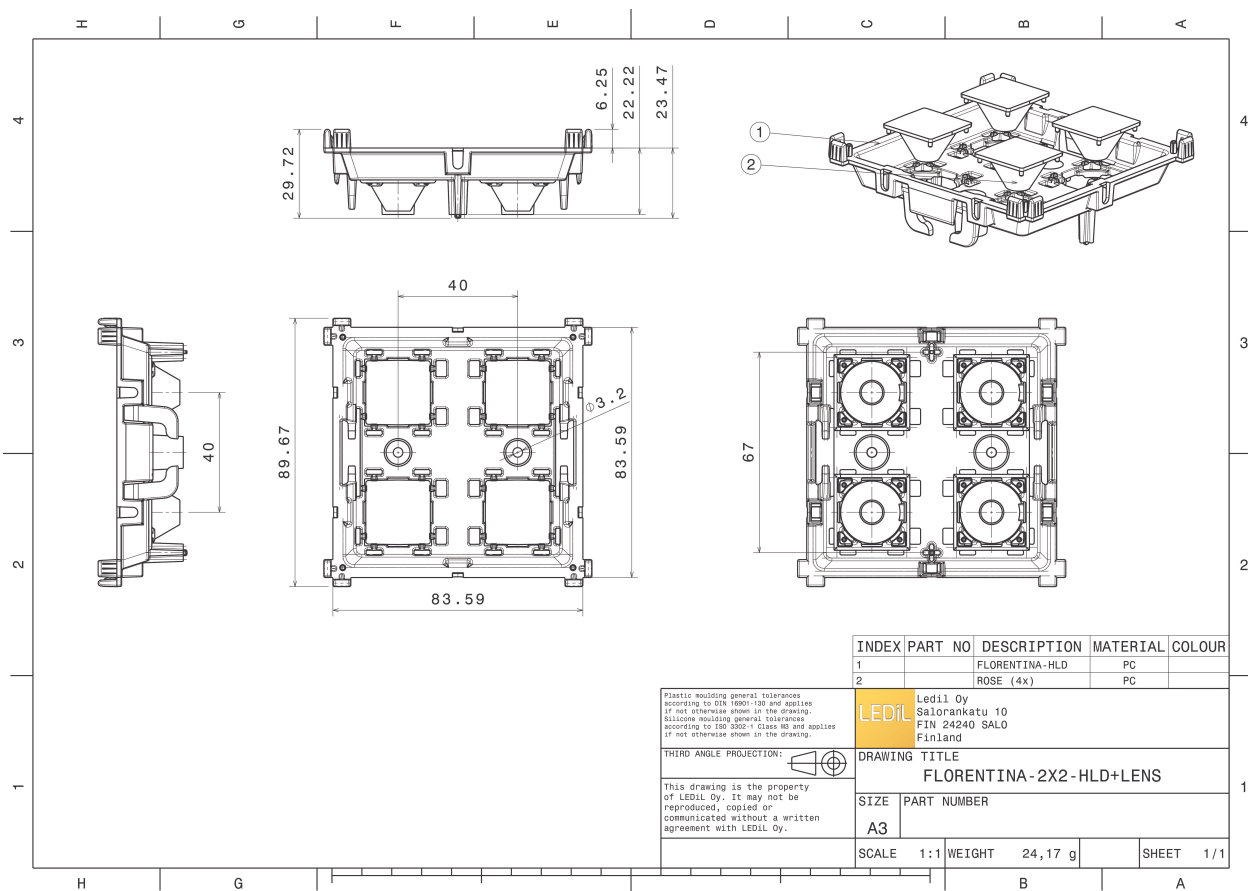
MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15704_FLORENTINA-2X2-MRK-S	Single lens	88	24	8	4.1
» Box size: 476 x 273 x 292 mm					





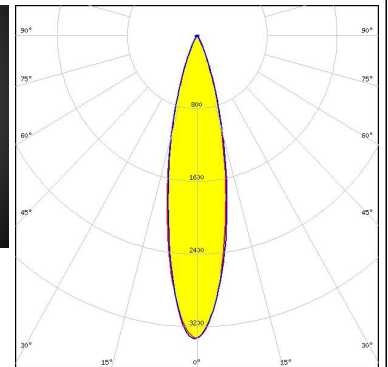
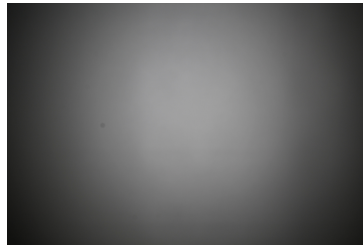
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



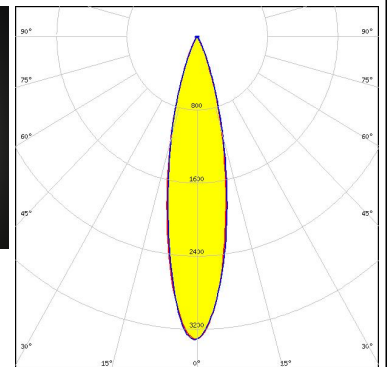
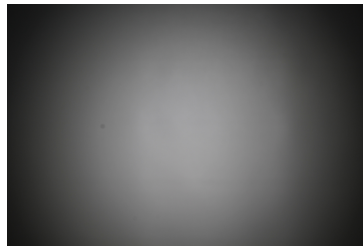
LED XHP35 HD
FWHM / FWTM 23.0° / 46.0°
Efficiency 77 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



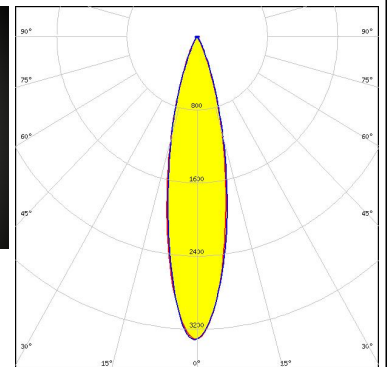
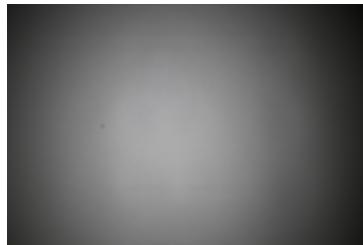
LED XHP35 HD
FWHM / FWTM 23.0° / 46.0°
Efficiency 76 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:
C14734_FLORENTINA-2X2-SHD



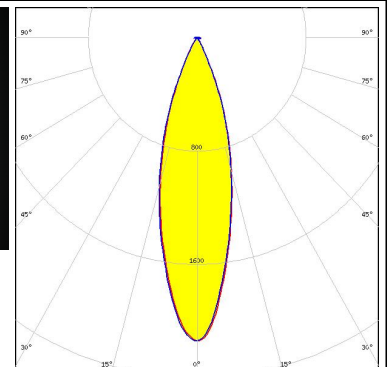
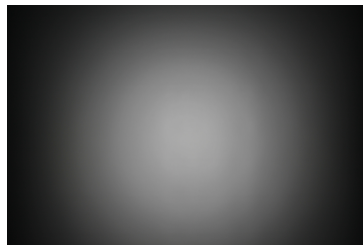
LED XHP35 HD
FWHM / FWTM 23.0° / 46.0°
Efficiency 80 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:
C14960_FLORENTINA-2X2-SHD-WHT



LED XHP50
FWHM / FWTM 28.0° / 52.0°
Efficiency 72 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White

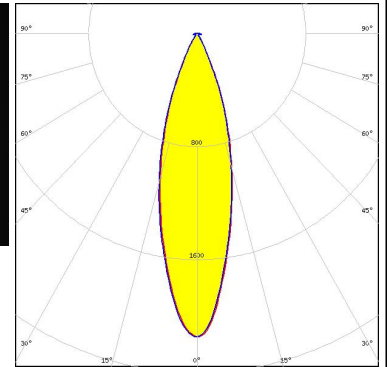
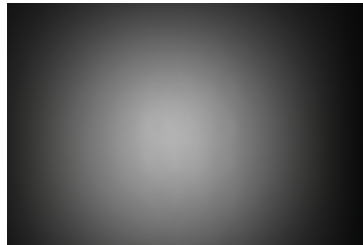
Required components:
C14734_FLORENTINA-2X2-SHD



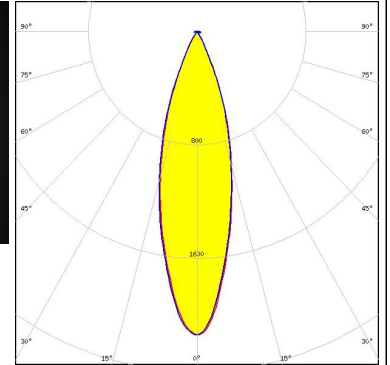
OPTICAL RESULTS (MEASURED):



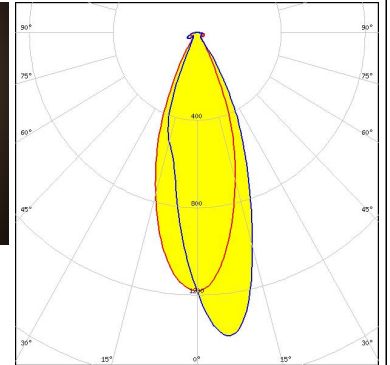
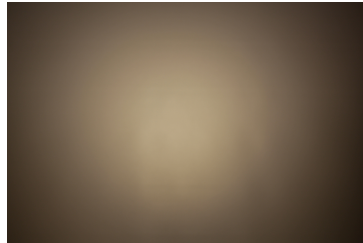
LED XHP50
FWHM / FWTM 29.0° / 53.0°
Efficiency 77 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



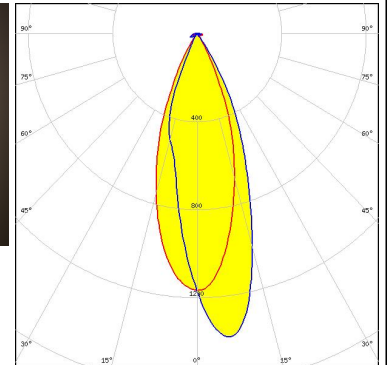
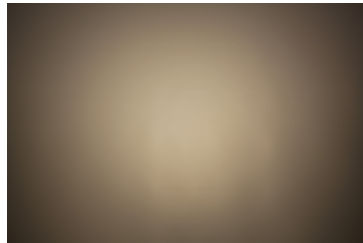
LED XHP50
FWHM / FWTM 28.0° / 53.0°
Efficiency 72 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP70
FWHM / FWTM 37.0° / 62.0°
Efficiency 71 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



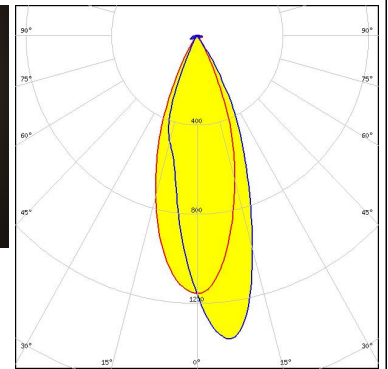
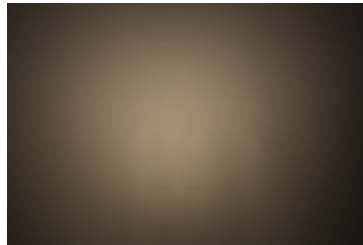
LED XHP70
FWHM / FWTM 36.0° / 60.0°
Efficiency 62 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



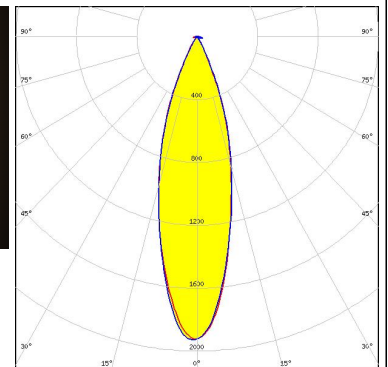
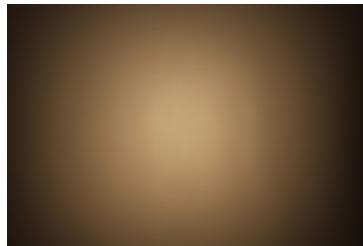
OPTICAL RESULTS (MEASURED):



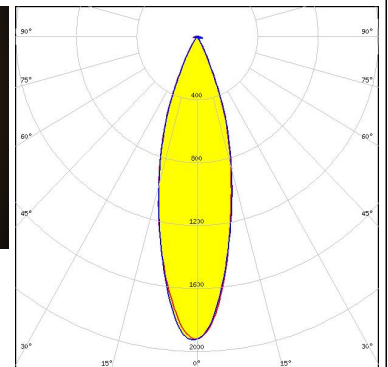
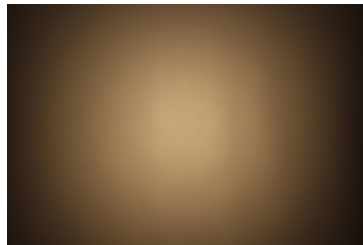
LED XHP70
FWHM / FWTM 36.0° / 60.0°
Efficiency 61 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



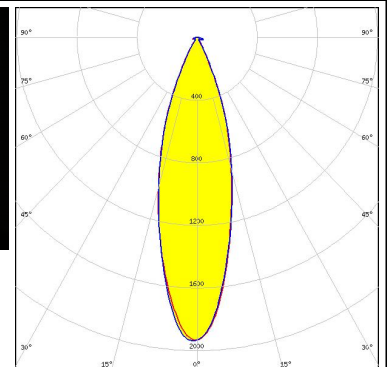
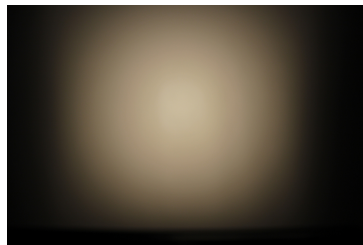
LED LUXEON M/MX
FWHM / FWTM 29.0° / 54.0°
Efficiency 69 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



LED LUXEON M/MX
FWHM / FWTM 29.0° / 53.0°
Efficiency 68 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



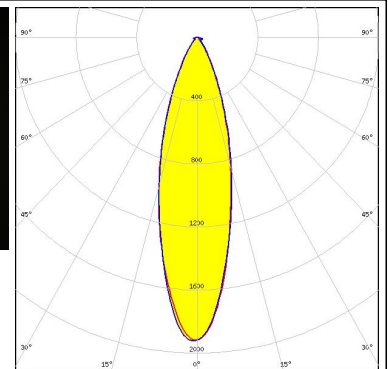
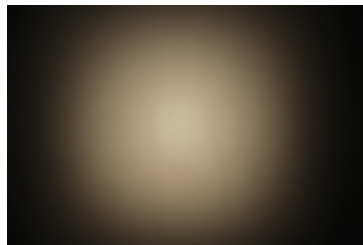
LED LUXEON M/MX
FWHM / FWTM 29.0° / 54.0°
Efficiency 75 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



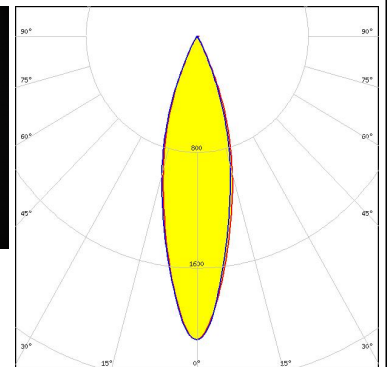
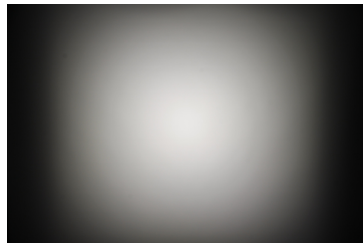
OPTICAL RESULTS (MEASURED):



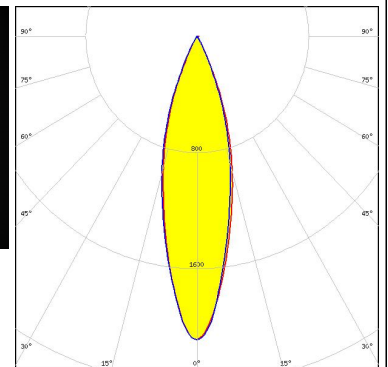
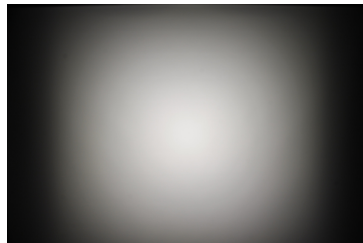
LED LUXEON M/MX
FWHM / FWTM 29.0° / 60.0°
Efficiency 79 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



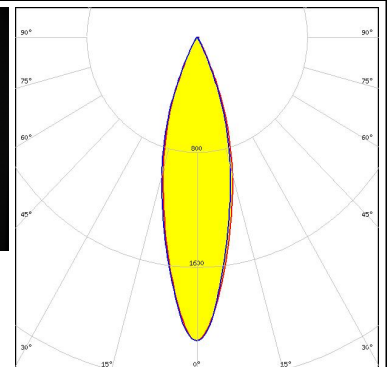
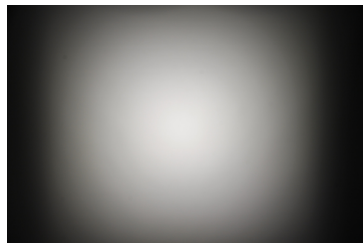
LED OSCONIQ P 7070
FWHM / FWTM 28.0° / 54.0°
Efficiency 63 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



LED OSCONIQ P 7070
FWHM / FWTM 28.0° / 54.0°
Efficiency 62 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



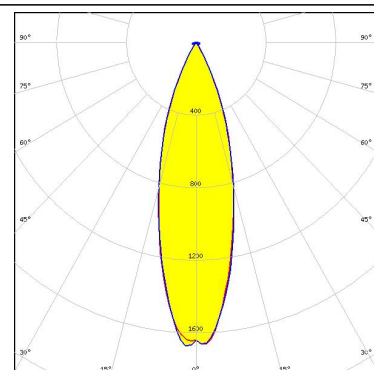
LED OSCONIQ P 7070
FWHM / FWTM 28.0° / 55.0°
Efficiency 68 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



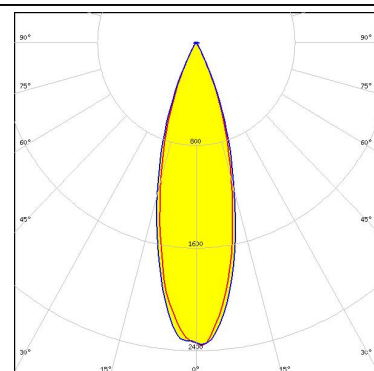
OPTICAL RESULTS (SIMULATED):



LED LUXEON 7070
 FWHM / FWTM 30.0° / 56.0°
 Efficiency 62 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LED Duris S8
 FWHM / FWTM 30.0° / 56.0°
 Efficiency 78 %
 Peak intensity 2.4 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.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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