

FLORENTINA-2X2-O

~45° + 15° oval beam

SPECIFICATION:

Dimensions	89.7 x 89.7
Height	29.7 mm
Fastening	pin
ROHS compliant	yes ⓘ

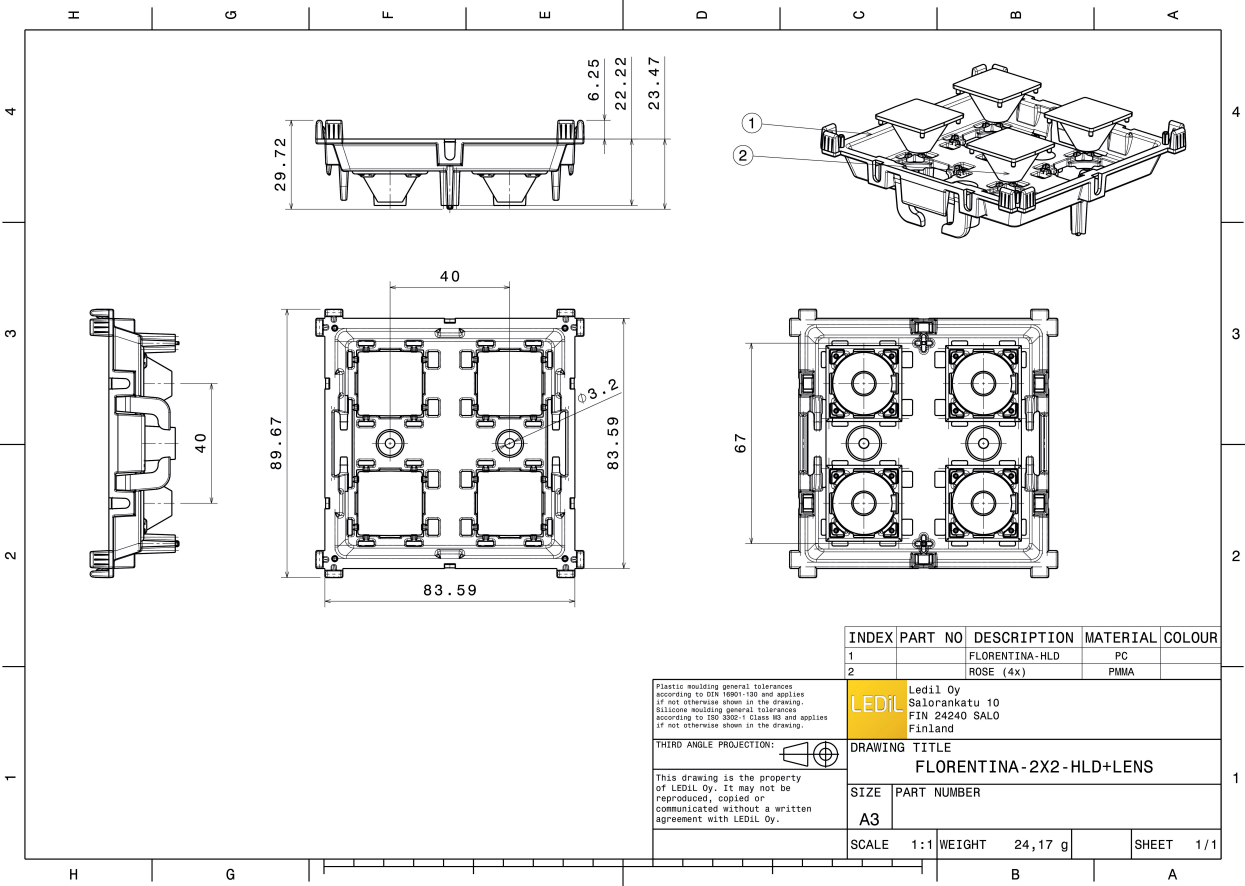
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ROSE-CMC-O	Single lens	PC	clear		
FLORENTINA-2X2-HLD	Holder	PC	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14968_FLORENTINA-2X2-O	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



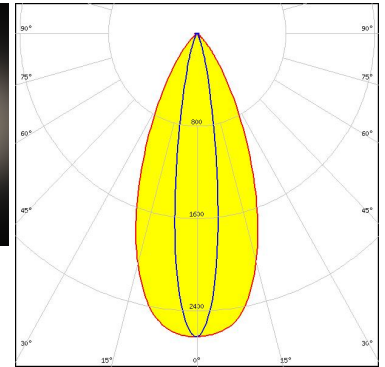
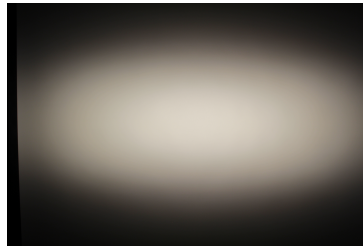


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



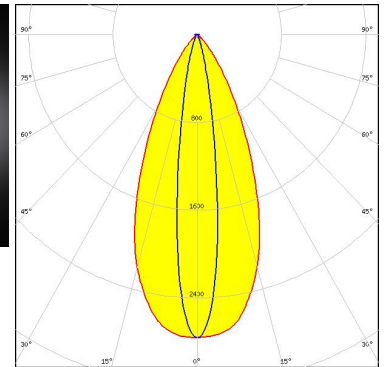
LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM / FWTM 45.0 + 17.0° / 78.0 + 34.0°
 Efficiency 79 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



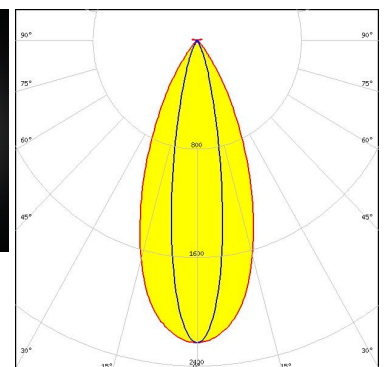
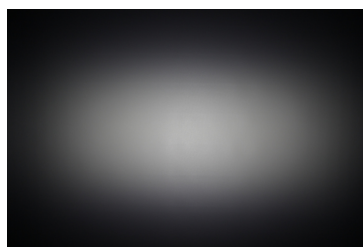
LED EASY-T FLUX 2x2 FLR XT xxx G5
 FWHM / FWTM 46.0 + 16.0° / 77.0 + 32.0°
 Efficiency 79 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35 HD
 FWHM / FWTM 43.0 + 20.0° / 72.0 + 41.0°
 Efficiency 72 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files

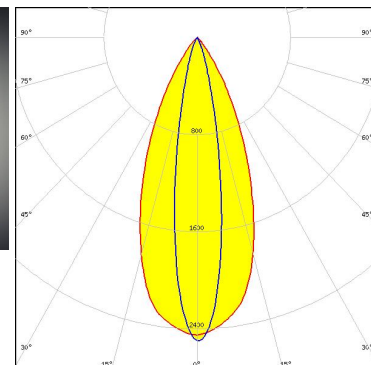
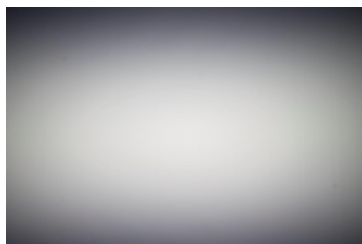
OPTICAL RESULTS (MEASURED):



LED XP-L HD
 FWHM / FWTM 44.0 + 18.0° / 117.0°
 Efficiency 70 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



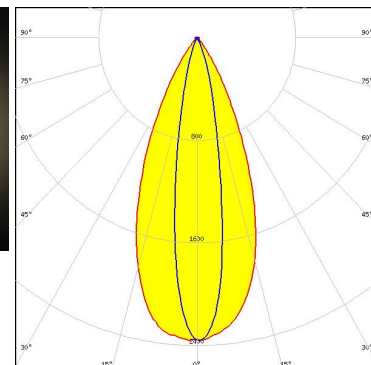
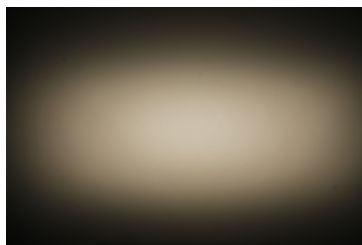
LED XP-L HD
 FWHM / FWTM 44.0 + 18.0° / 80.0 + 37.0°
 Efficiency 70 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED LUXEON MZ
 FWHM / FWTM 44.0 + 18.0° / 70.0 + 37.0°
 Efficiency 70 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD

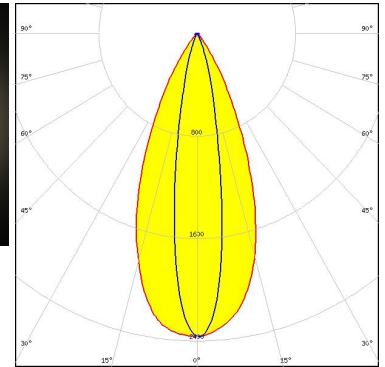
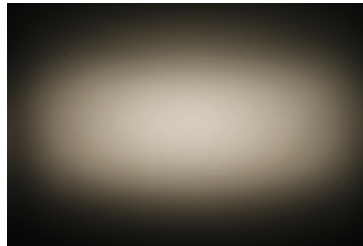


Light distribution files

OPTICAL RESULTS (MEASURED):



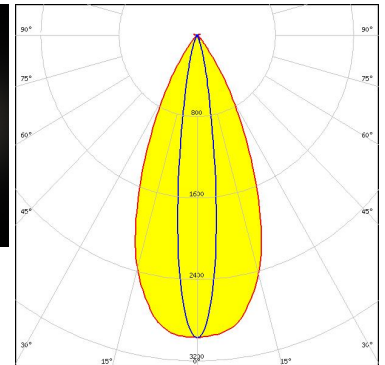
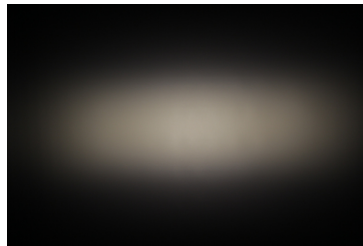
LED LUXEON MZ
 FWHM / FWTM 44.0 + 18.0° / 70.0 + 38.0°
 Efficiency 74 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files



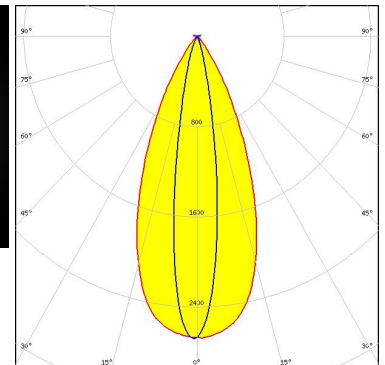
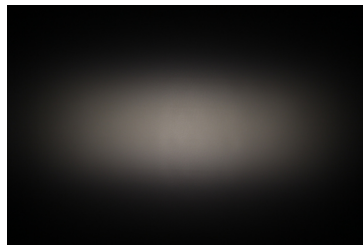
LED LUXEON TX
 FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0°
 Efficiency 75 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 44.0 + 17.0° / 70.0 + 33.0°
 Efficiency 73 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD

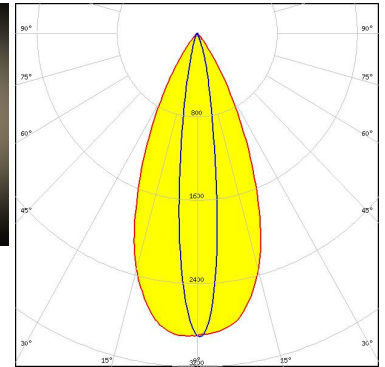
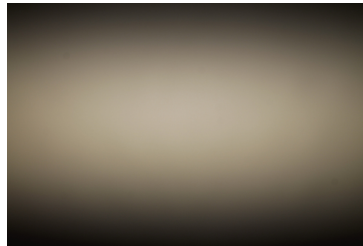


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

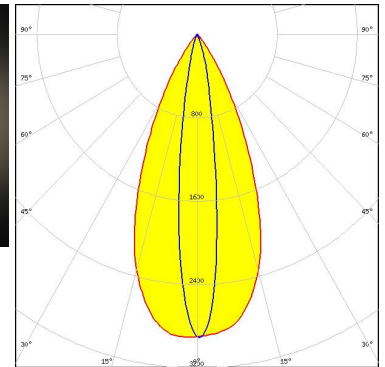
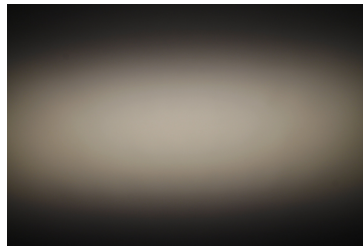
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0°
Efficiency 73 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files

OSRAM
Opto Semiconductors

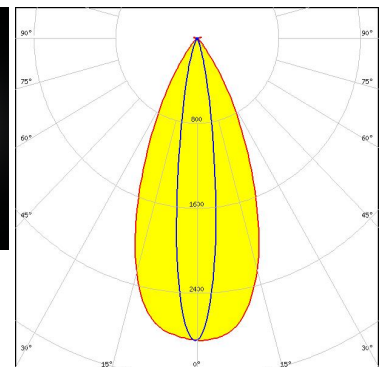
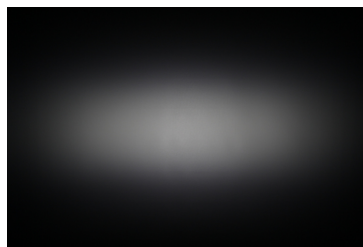
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0°
Efficiency 70 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14734_FLORENTINA-2X2-SHD



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 45.0 + 15.0° / 71.0 + 32.0°
Efficiency 74 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14734_FLORENTINA-2X2-SHD

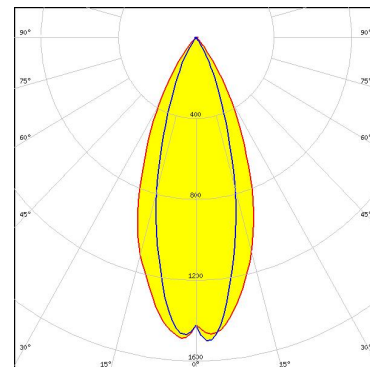


Light distribution files

OPTICAL RESULTS (SIMULATED):



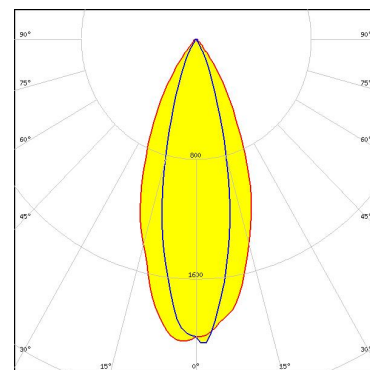
LED LUXEON 7070
 FWHM / FWTM 44.0 + 31.0° / 74.0 + 58.0°
 Efficiency 69 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED LUXEON M/MX
 FWHM / FWTM 43.0 + 26.0° / 74.0 + 51.0°
 Efficiency 84 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files

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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