

FLORENTINA-2X2-RS

~10° spot beam

SPECIFICATION:

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

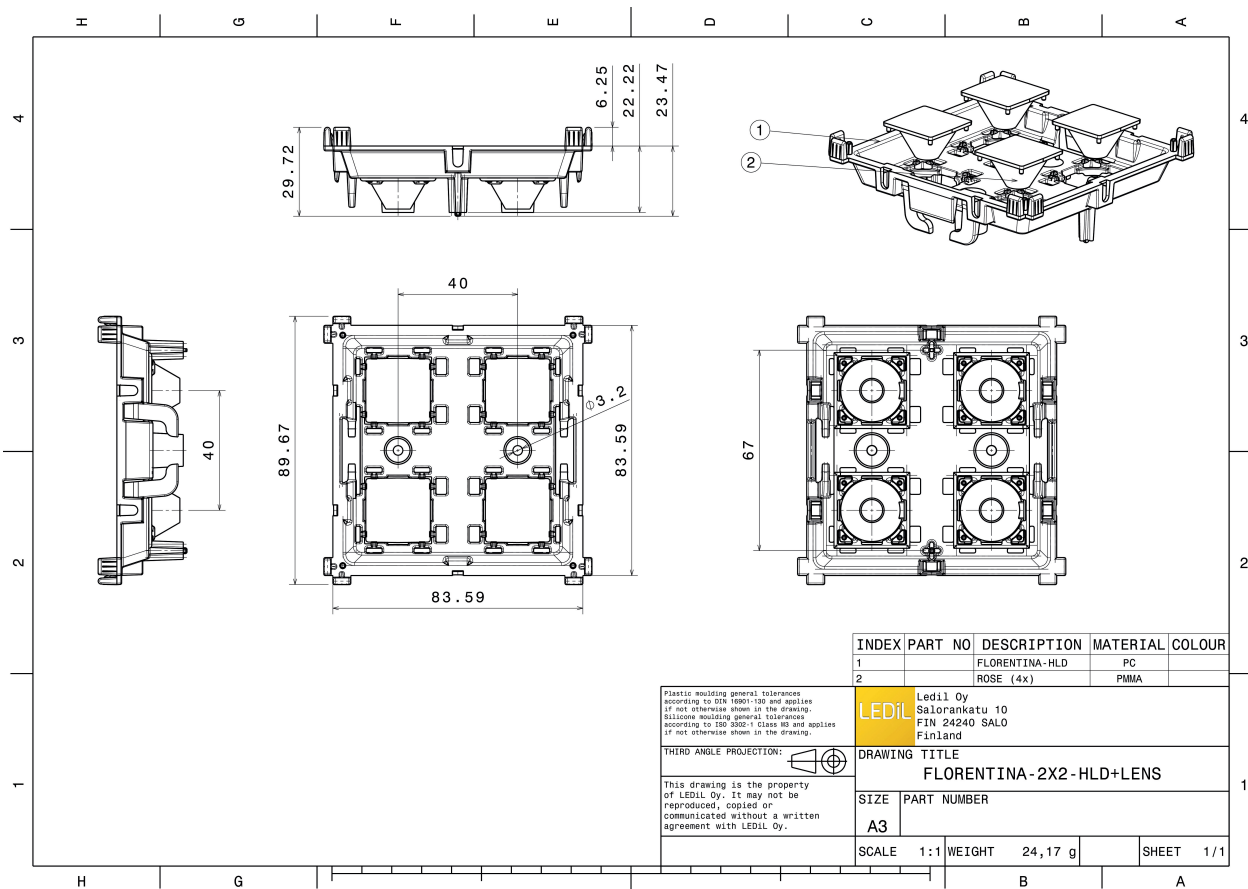
MATERIALS:

Component	Type	Material	Colour	Finish	Length
ROSE-B-B-RS	Single lens	PC	clear		21.6
FLORENTINA-2X2-HLD	Holder	PC	black		89.7

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14965_FLORENTINA-2X2-RS	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



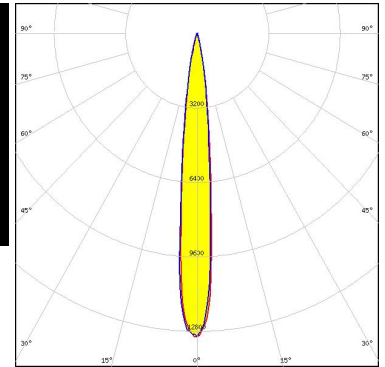
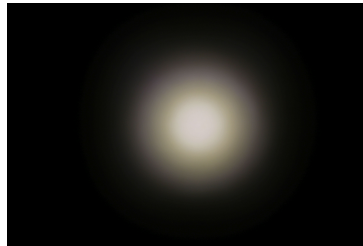


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



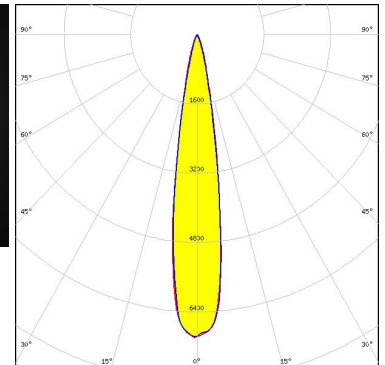
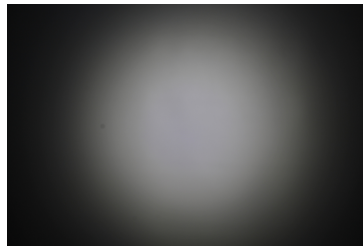
LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 86 %
 Peak intensity 13 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



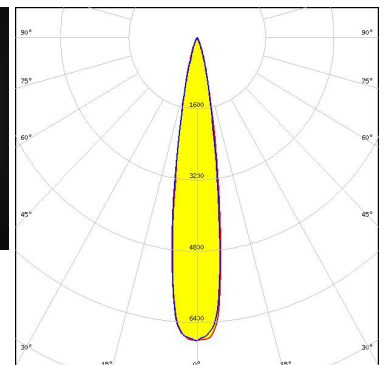
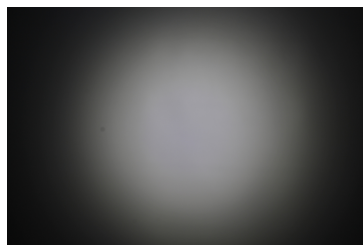
LED XHP35 HD
 FWHM / FWTM 17.0° / 32.0°
 Efficiency 86 %
 Peak intensity 7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35 HD
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 83 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD

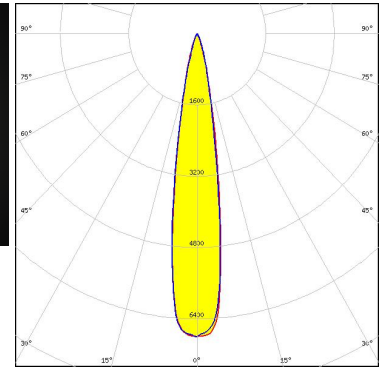
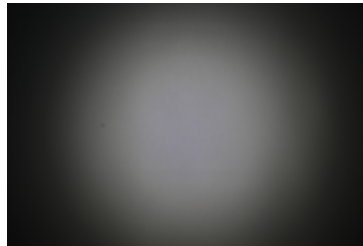


Light distribution files

OPTICAL RESULTS (MEASURED):



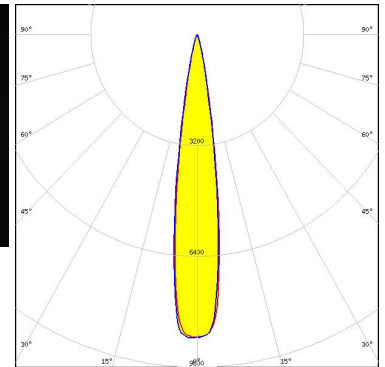
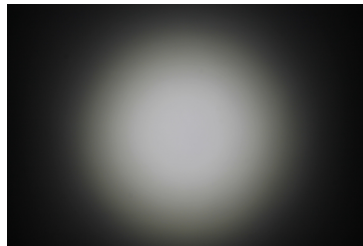
LED XHP35 HD
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 85 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files



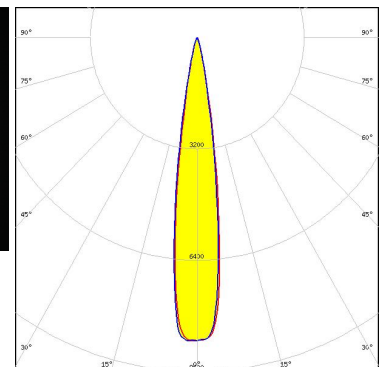
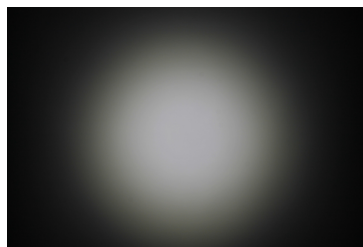
LED XP-L HD
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 82 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED XP-L HD
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 83 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

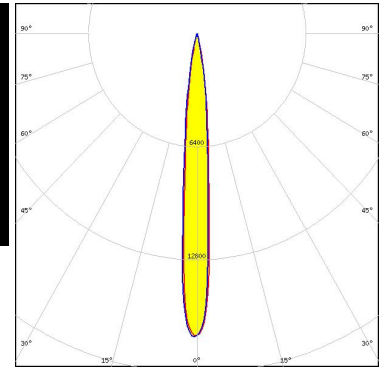


Light distribution files

OPTICAL RESULTS (MEASURED):



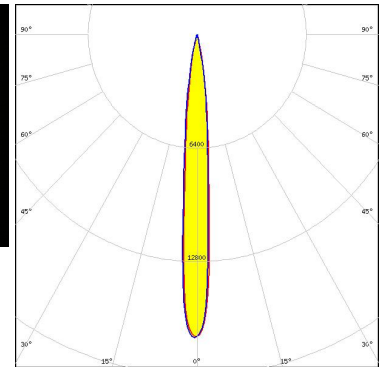
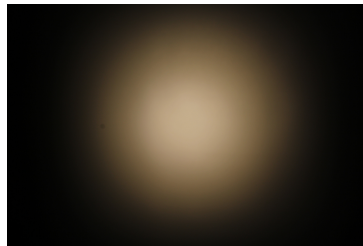
LED LUXEON TX
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 86 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Light distribution files



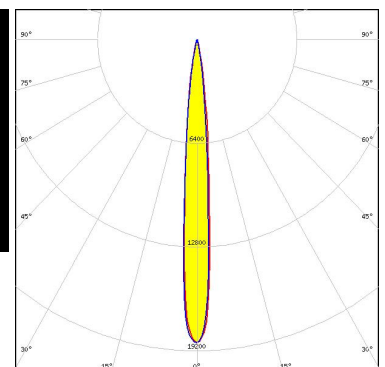
LED LUXEON TX
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 85 %
 Peak intensity 17.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED OSLON Square EC
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 85 %
 Peak intensity 18.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

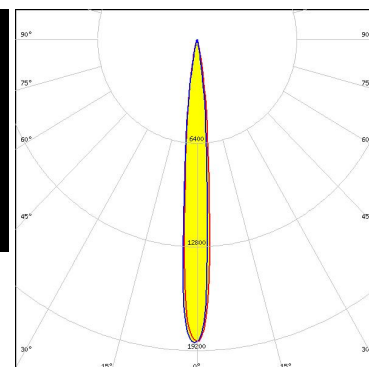


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

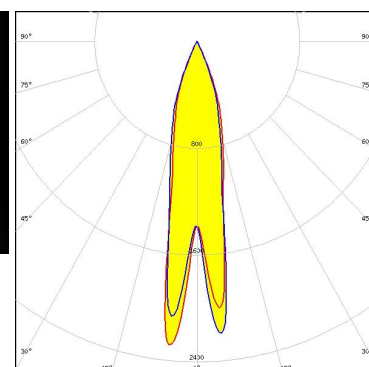
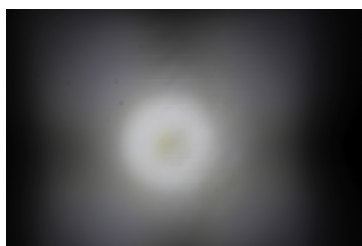
LED OSLON Square EC
FWHM / FWTM 10.0° / 21.0°
Efficiency 84 %
Peak intensity 18.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14734_FLORENTINA-2X2-SHD



Light distribution files

SAMSUNG

LED HiLOM SC16 (LH181B)
FWHM / FWTM 21.0° / 48.0°
Efficiency 60 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14734_FLORENTINA-2X2-SHD



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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