

FLORENTINA-2X2-D

~18° diffused spot beam

SPECIFICATION:

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

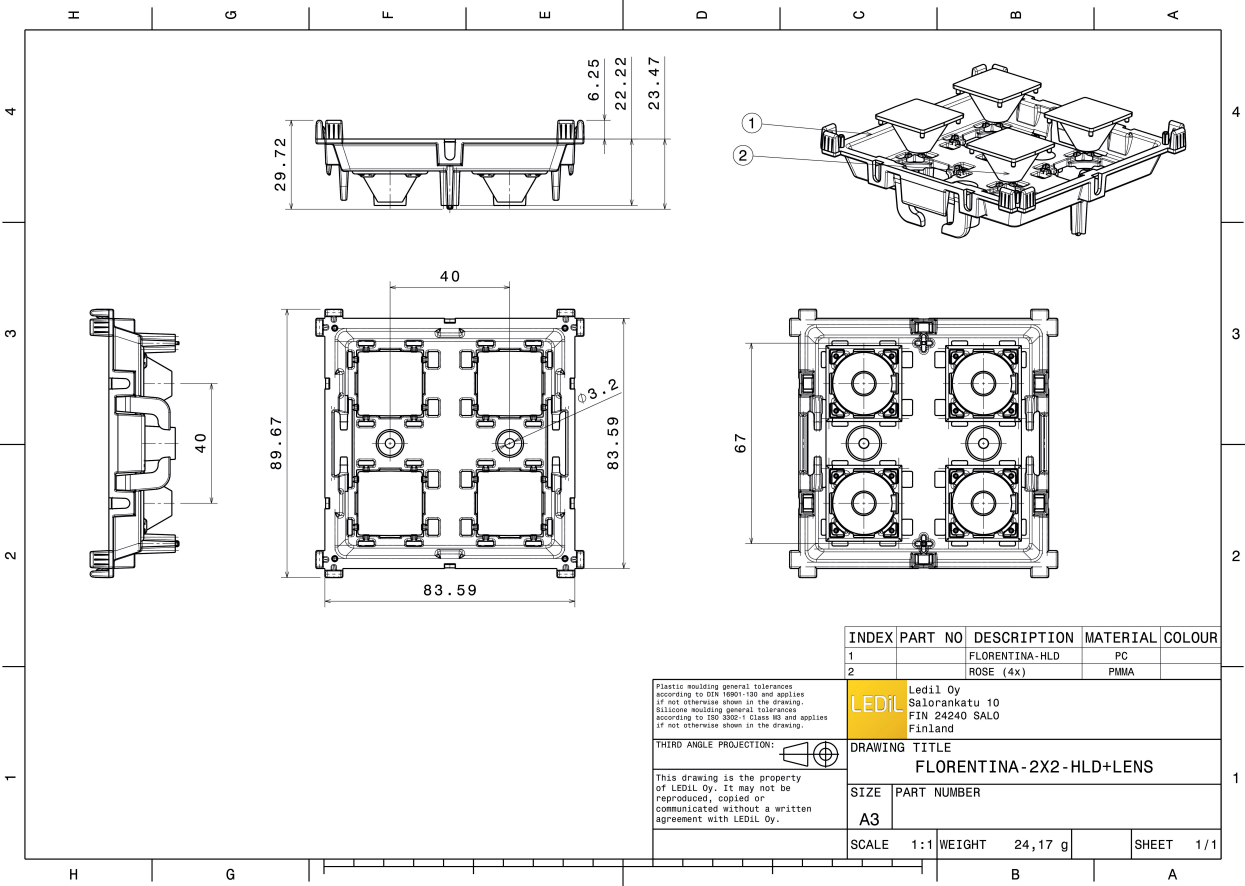
MATERIALS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14966_FLORENTINA-2X2-D	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



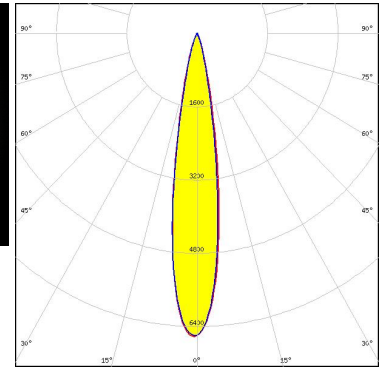


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



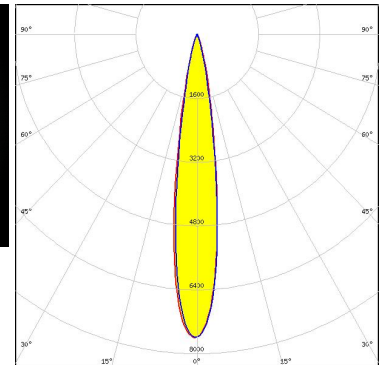
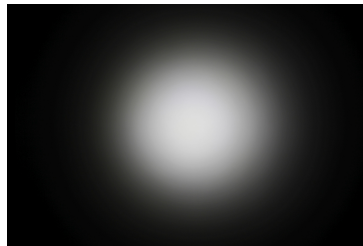
LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 83 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



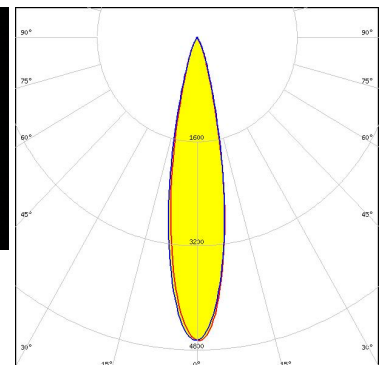
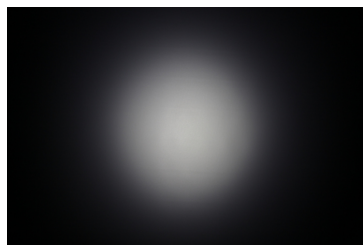
LED EASY-T FLUX 2x2 FLR XT xxx G5
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 84 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP35 HD
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 80 %
 Peak intensity 4.7 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 21.0° / 40.0°
Efficiency 80 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



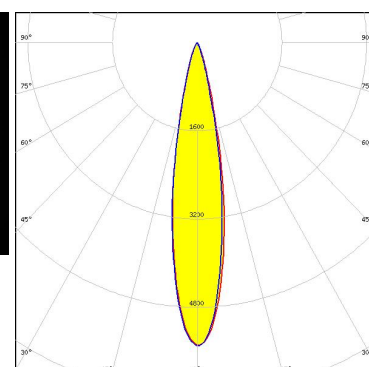
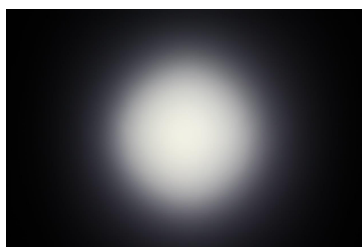
LED XP-L HD
FWHM / FWTM 19.0° / 36.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



LED XP-L HD
FWHM / FWTM 19.0° / 36.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:
C14734_FLORENTINA-2X2-SHD



Light distribution files

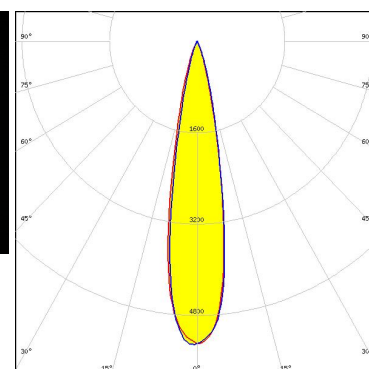
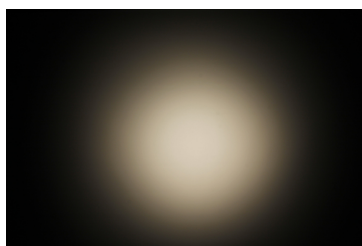
OPTICAL RESULTS (MEASURED):



LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



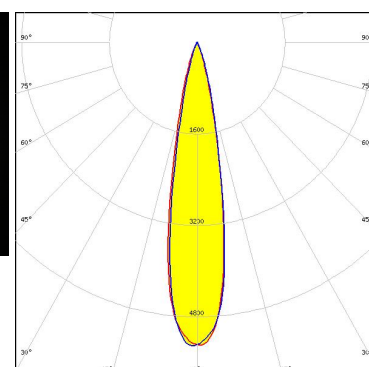
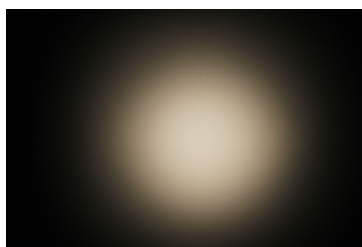
LED LUXEON MZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED LUXEON MZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

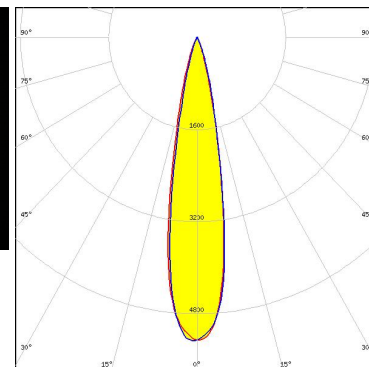
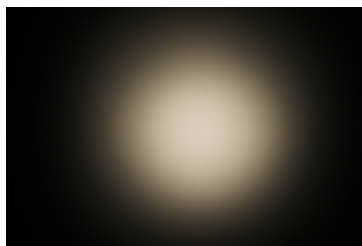


Light distribution files

OPTICAL RESULTS (MEASURED):



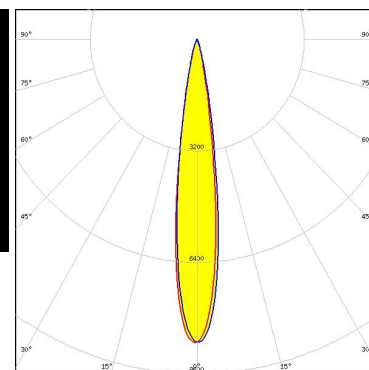
LED LUXEON MZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



Light distribution files



LED LUXEON TX
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED LUXEON TX
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

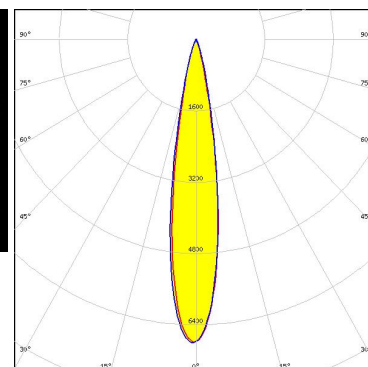
OPTICAL RESULTS (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 81 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



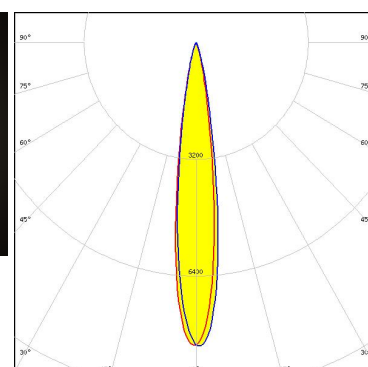
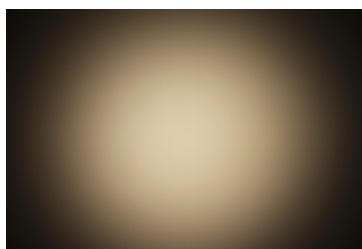
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 81 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD



Light distribution files



LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 76 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14734_FLORENTINA-2X2-SHD

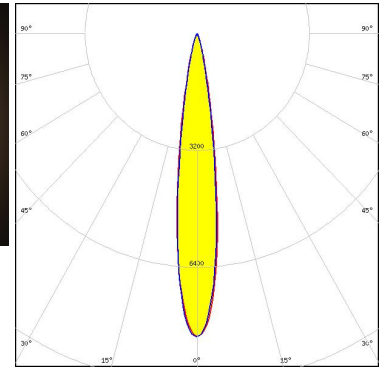
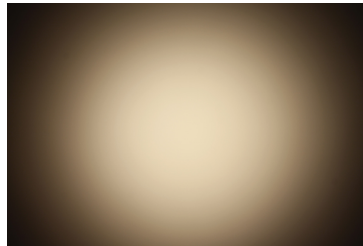


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 15.0° / 29.0°
Efficiency 77 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



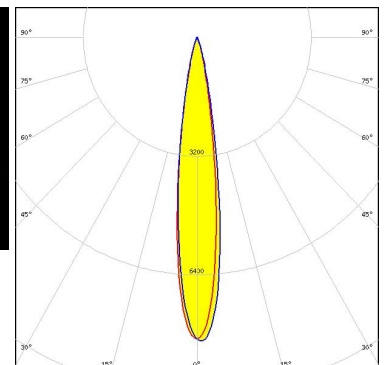
Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 15.0° / 30.0°
Efficiency 81 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 15.0° / 30.0°
Efficiency 81 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14734_FLORENTINA-2X2-SHD

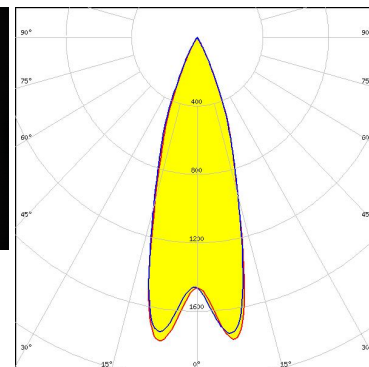
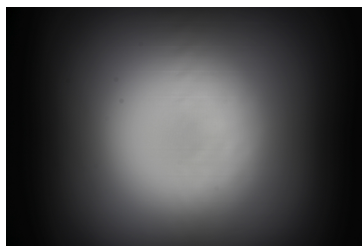


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED HiLOM SC16 (LH181B)
 FWHM / FWTM 32.0° / 54.0°
 Efficiency 65 %
 Peak intensity 1.8 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:

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