

FLORENTINA-2X2-SS

~16° smooth spot beam

SPECIFICATION:

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

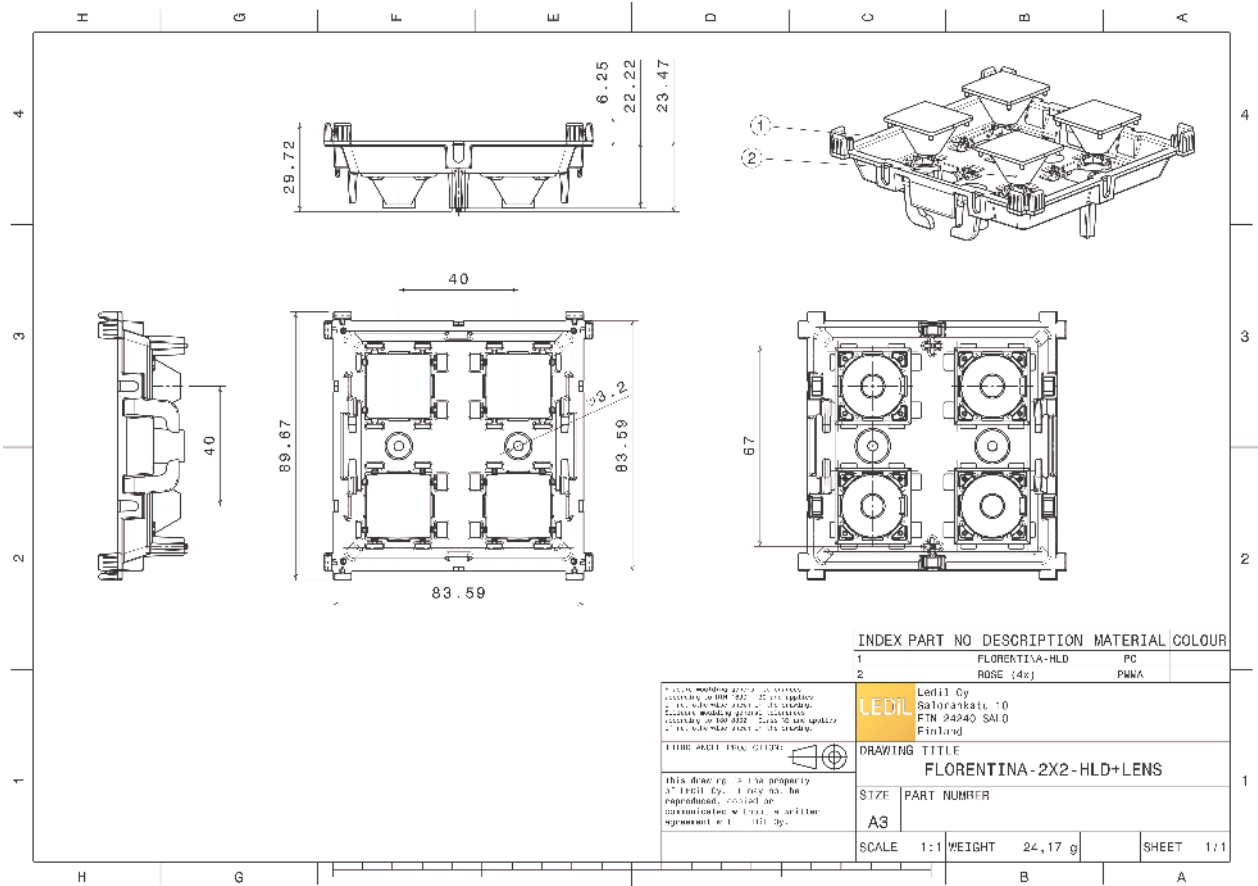
MATERIALS:

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

ORDERING INFORMATION:



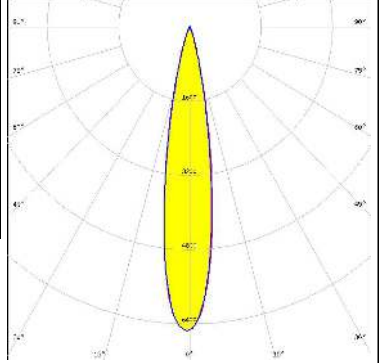


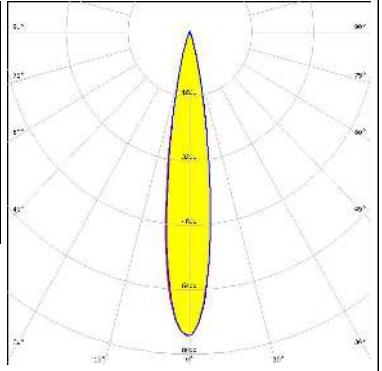


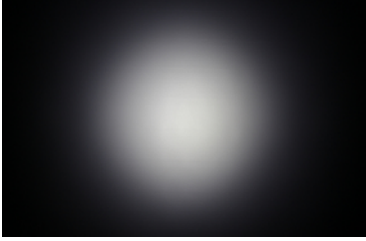
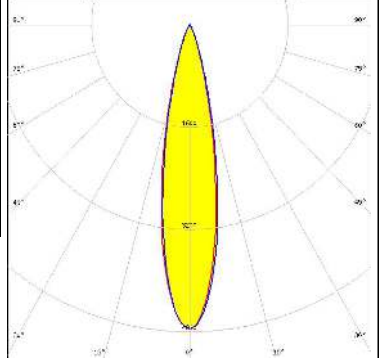
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14964_FLORENTINA-2X2-SS	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					





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

OPTICAL RESULTS (MEASURED):

<p></p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7</p> <p>FWHM / FWTM 18.0° / 33.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 6.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p></p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5</p> <p>FWHM / FWTM 17.0° / 31.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 7.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p></p> <p>LED XHP35 HD</p> <p>FWHM / FWTM 21.0° / 40.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p></p> <p>LED XHP35 HD</p> <p>FWHM / FWTM 21.0° / 40.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>C14734_FLORENTINA-2X2-SHD</p>		

OPTICAL RESULTS (MEASURED):

CREE → LED

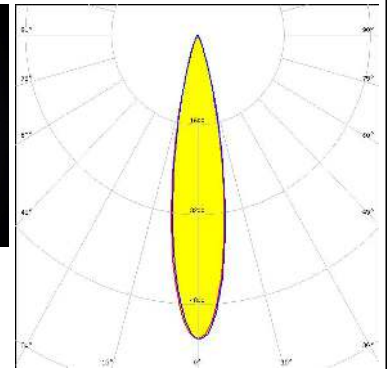
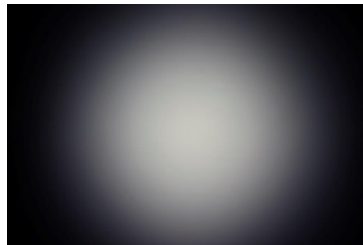
LED XP-L HD
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 79 %
 Peak intensity 5.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

CREE → LED

LED XP-L HD
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 79 %
 Peak intensity 5.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

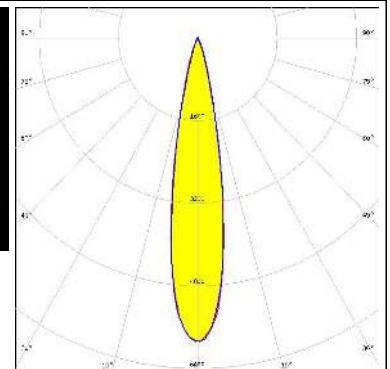
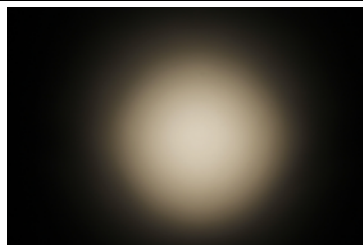
CREE → LED

LED XP-L HD
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 79 %
 Peak intensity 5.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

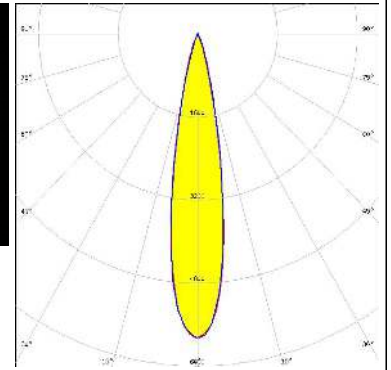
LED LUXEON MZ
 FWHM / FWTM 20.0° / 35.0°
 Efficiency 82 %
 Peak intensity 5.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



OPTICAL RESULTS (MEASURED):

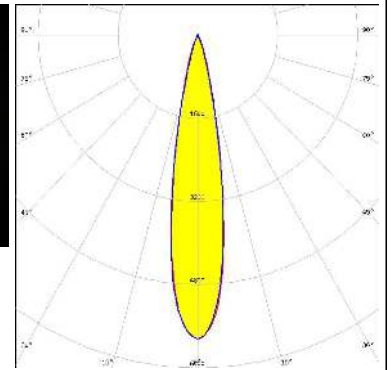
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 20.0° / 35.0°
 Efficiency 80 %
 Peak intensity 5.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



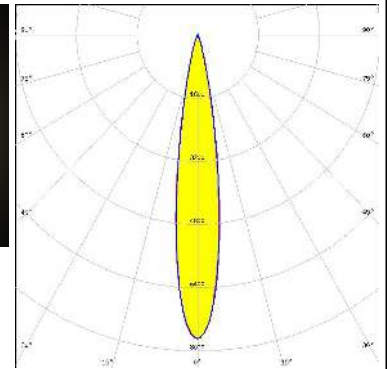
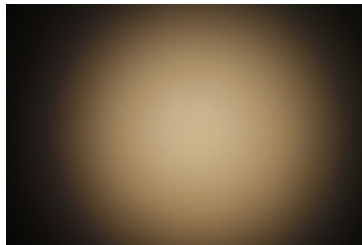
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 20.0° / 35.0°
 Efficiency 80 %
 Peak intensity 5.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



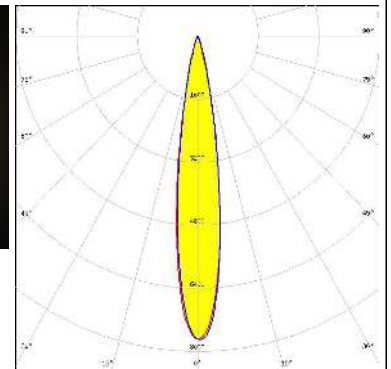
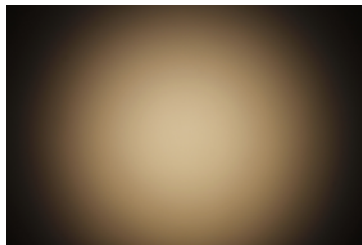
OSRAM

Opto Semiconductors
 LED OSRON Square CSSRM2/CSSRM3
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 82 %
 Peak intensity 7.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT


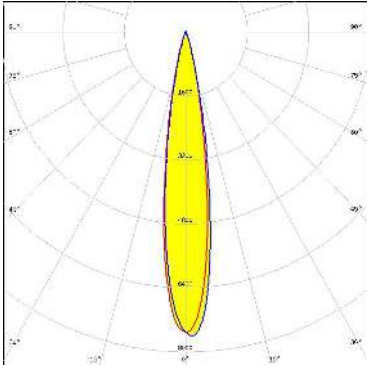


OSRAM

Opto Semiconductors
 LED OSRON Square CSSRM2/CSSRM3
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 78 %
 Peak intensity 7.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM / FWTM 17.0° / 31.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 7.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM / FWTM 17.0° / 31.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 7.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		

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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