

## FLORENTINA-2X2-W

~40° wide beam

### TECHNICAL SPECIFICATIONS:

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

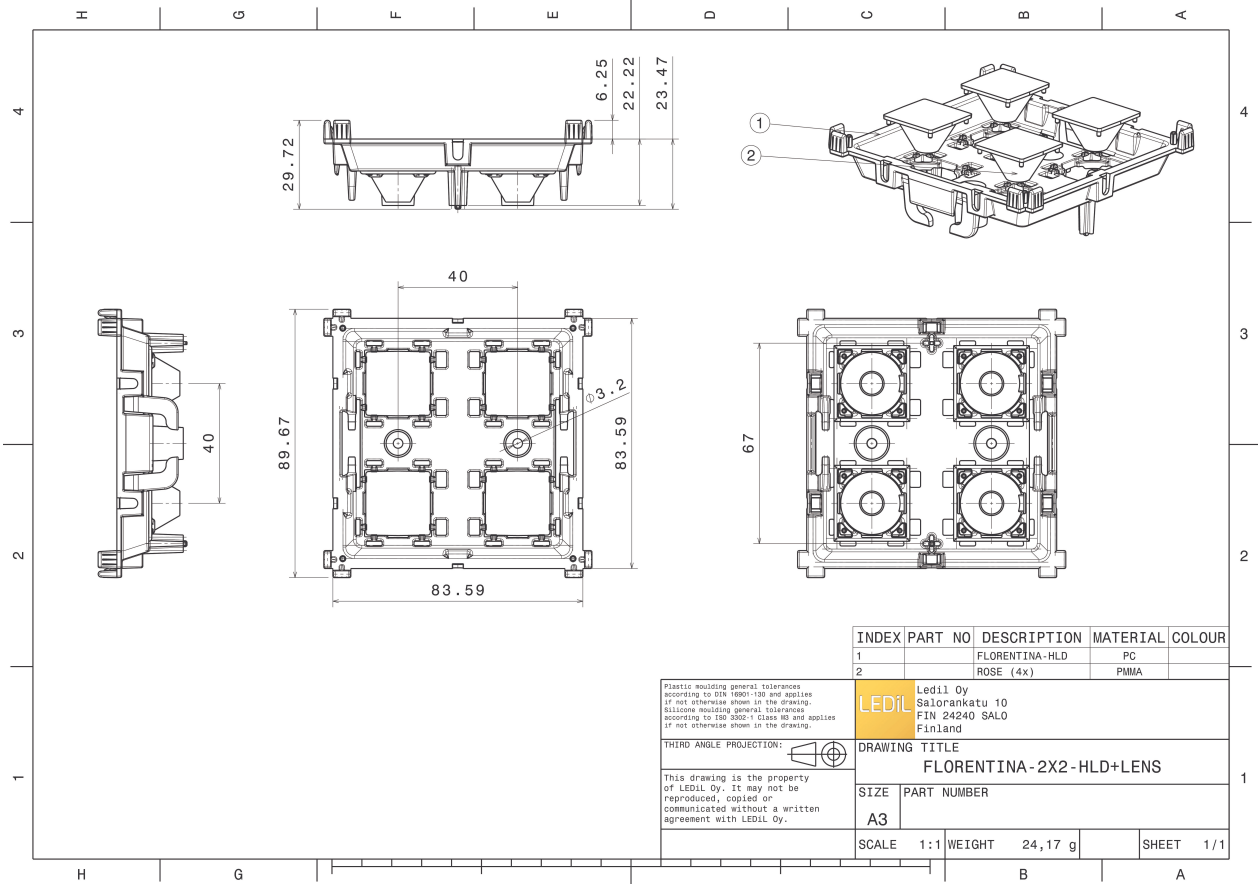
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-C-C-W-V4	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP14969_FLORENTINA-2X2-W » Box size: 476 x 273 x 292 mm	Single lens	88	24	8	4.0



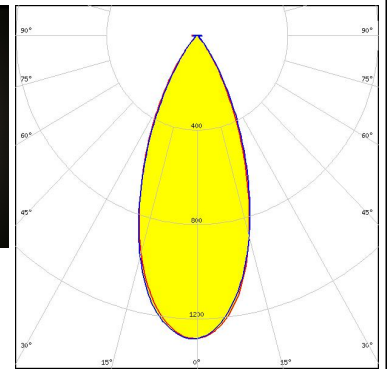
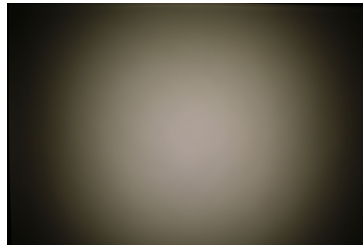


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

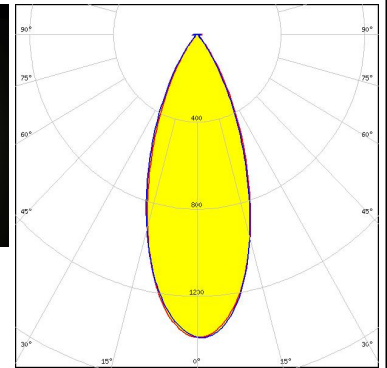
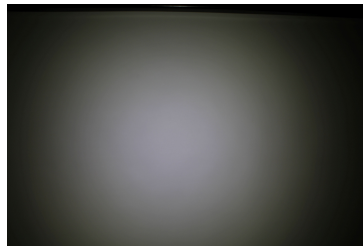
#### PHOTOMETRIC DATA (MEASURED):



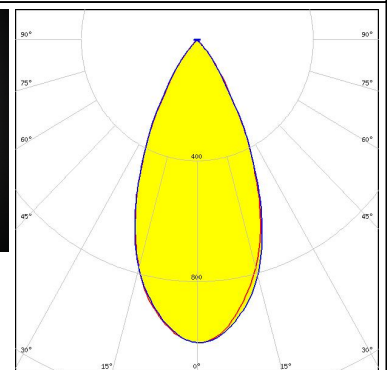
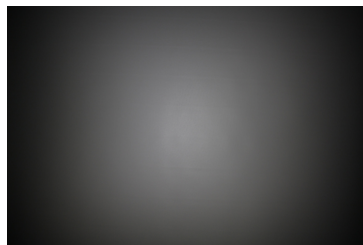
LED EASY-T FLUX 2x2 FLR XG xxx G7  
 FWHM / FWTM 42.0° / 72.0°  
 Efficiency 77 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED EASY-T FLUX 2x2 FLR XT xxx G5  
 FWHM / FWTM 40.0° / 70.0°  
 Efficiency 77 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP35 HD  
 FWHM / FWTM 49.0° / 77.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



LED XHP35 HD  
 FWHM / FWTM 49.0° / 77.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN

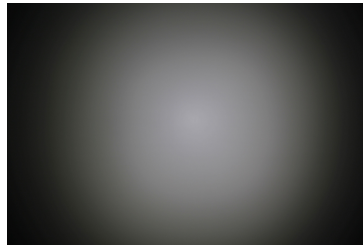
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-G2  
FWHM / FWTM 46.0° / 74.0°  
Efficiency 77 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN

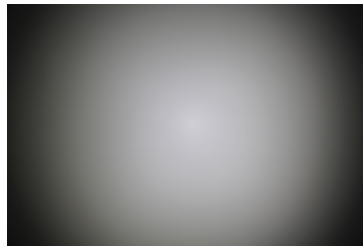


#### CREE

LED XP-G2  
FWHM / FWTM 44.0° / 72.0°  
Efficiency 78 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

C14960\_FLORENTINA-2X2-SHD-WHT

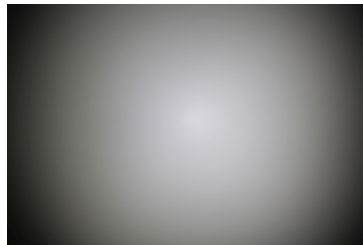


#### CREE

LED XP-G2  
FWHM / FWTM 44.0° / 72.0°  
Efficiency 76 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

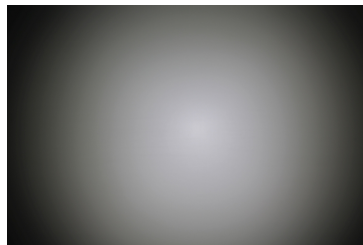
C14734\_FLORENTINA-2X2-SHD



#### CREE

LED XP-G2  
FWHM / FWTM 44.0° / 73.0°  
Efficiency 79 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White

Required components:

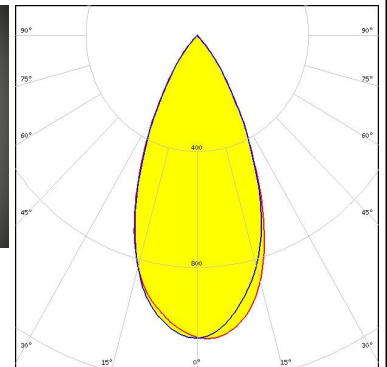
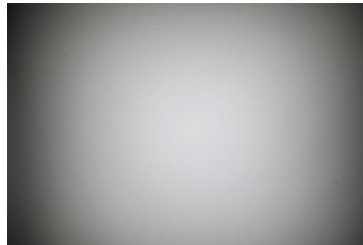




#### PHOTOMETRIC DATA (MEASURED):



LED XP-L HD  
 FWHM / FWTM 49.0° / 77.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



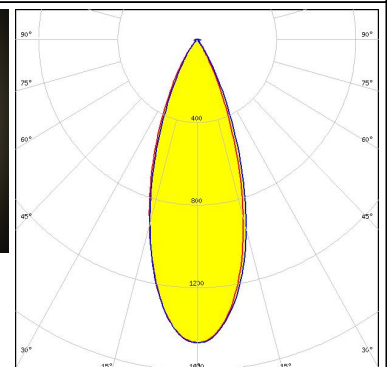
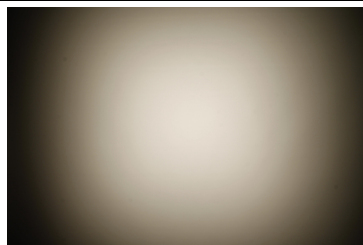
LED XP-L HD  
 FWHM / FWTM 49.0° / 77.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



LED XP-L HD  
 FWHM / FWTM 49.0° / 77.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



LED LUXEON MZ  
 FWHM / FWTM 37.0° / 63.0°  
 Efficiency 69 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



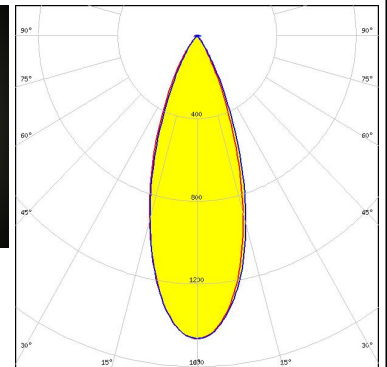
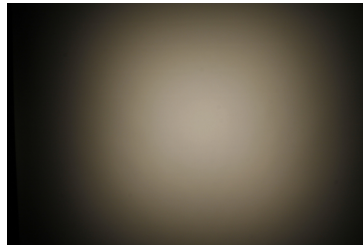
#### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 36.0° / 63.0°  
 Efficiency 66 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White

Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN

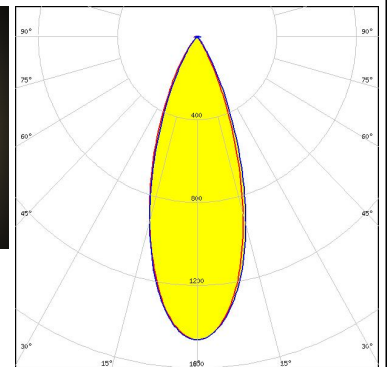
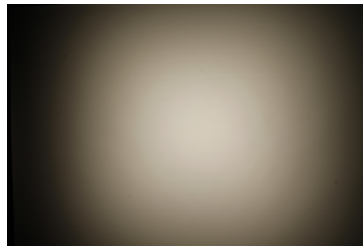


#### LUMILEDS

LED LUXEON MZ  
 FWHM / FWTM 36.0° / 63.0°  
 Efficiency 66 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White

Required components:

C14734\_FLORENTINA-2X2-SHD

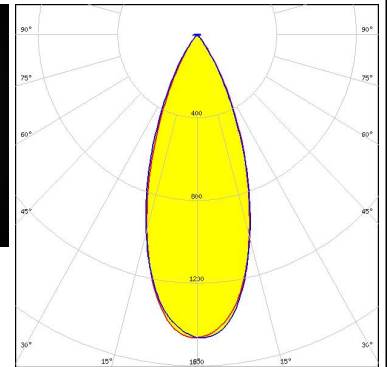
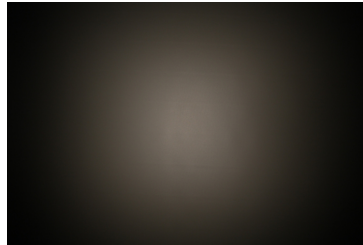


#### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 41.0° / 67.0°  
 Efficiency 76 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White

Required components:

C14734\_FLORENTINA-2X2-SHD



#### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 41.0° / 67.0°  
 Efficiency 76 %  
 Peak intensity 1.5 cd/m  
 LEDs/each optic 1  
 Light colour White

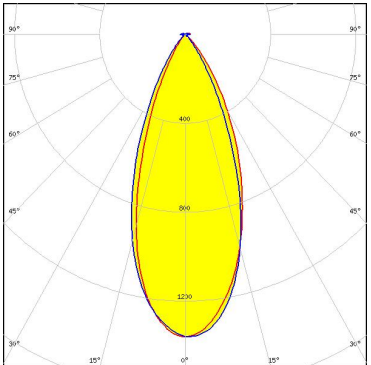
Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN

#### PHOTOMETRIC DATA (MEASURED):

**NICHIA**

LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 42.0° / 71.0°  
 Efficiency 80 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD

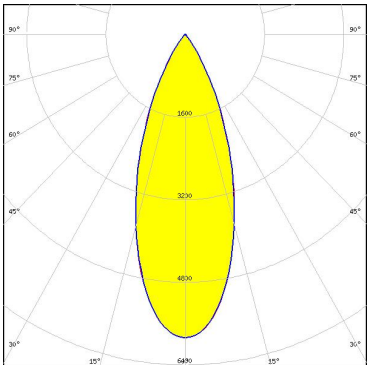


**NICHIA**

LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 42.0° / 71.0°  
 Efficiency 80 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN

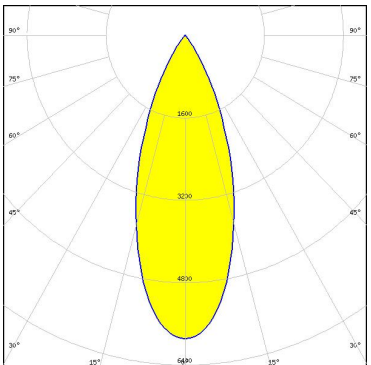
**OSRAM**  
 Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 35.0° / 66.0°  
 Efficiency 72 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



**OSRAM**  
 Opto Semiconductors

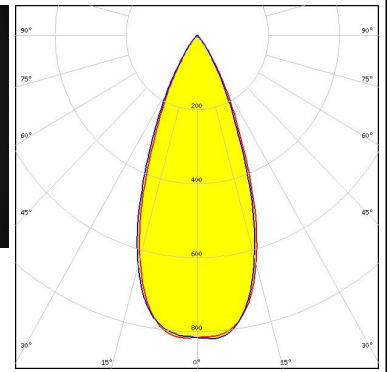
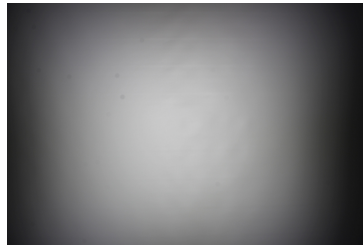
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 35.0° / 65.0°  
 Efficiency 69 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



#### PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

LED HiLOM SC16 (LH181B)  
FWHM / FWTM 42.0° / 68.0°  
Efficiency 49 %  
Peak intensity 0.8 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.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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