

## 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 ⓘ

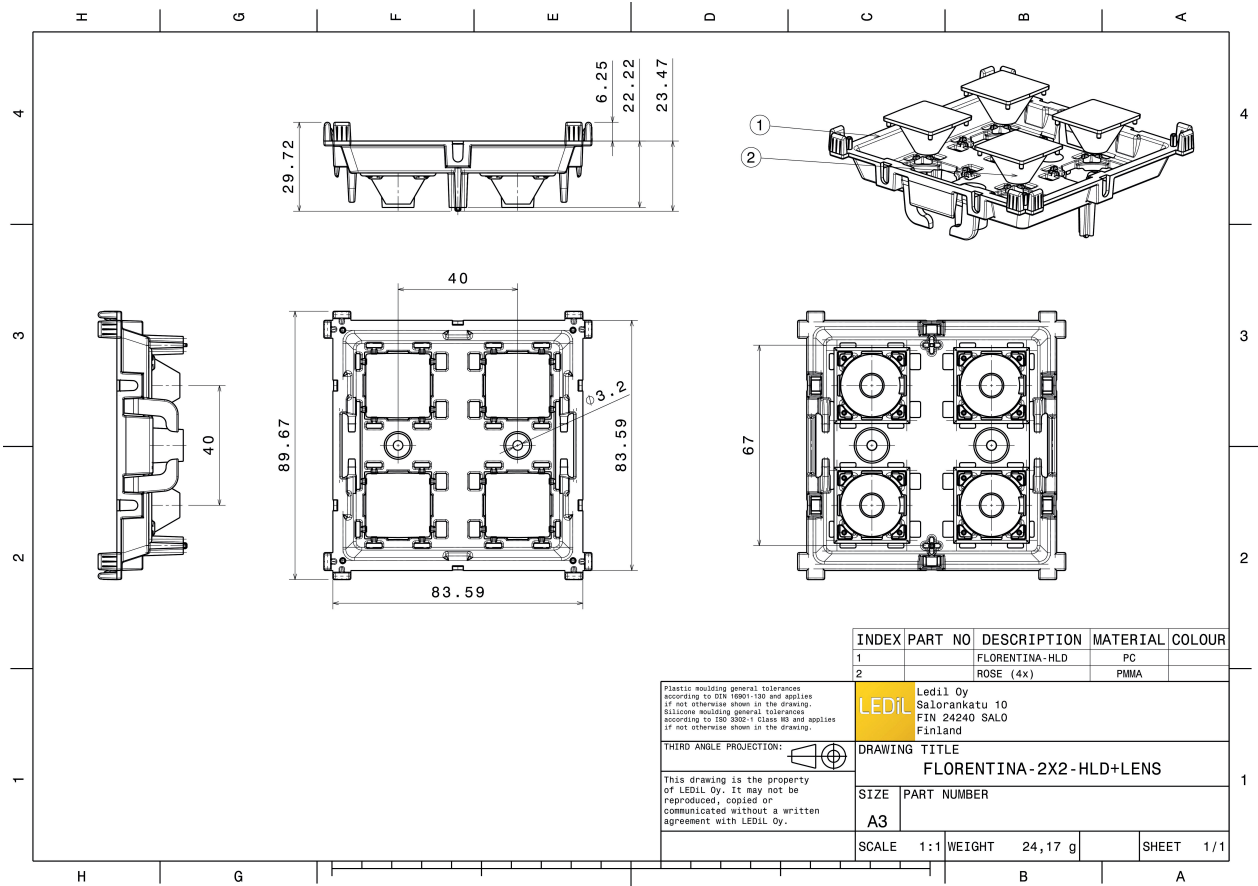
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ROSE-CMC-SS	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)
FCP14964_FLORENTINA-2X2-SS	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



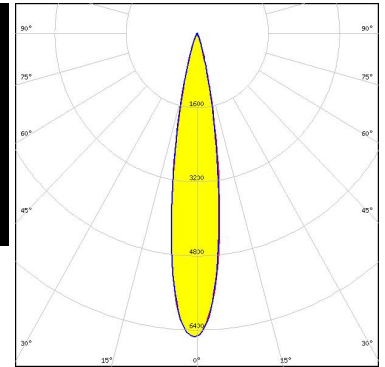


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



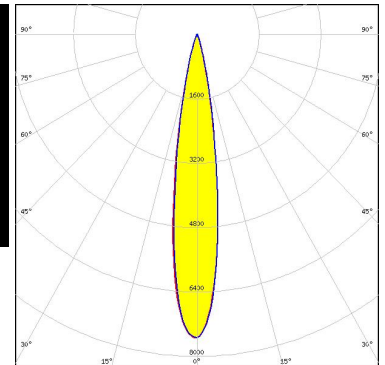
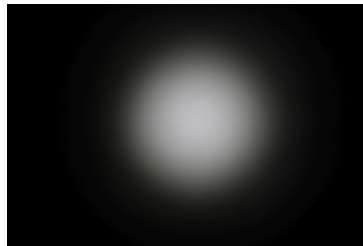
**LED** EASY-T FLUX 2x2 FLR XG xxx G7  
**FWHM / FWTM** 18.0° / 33.0°  
**Efficiency** 85 %  
**Peak intensity** 6.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



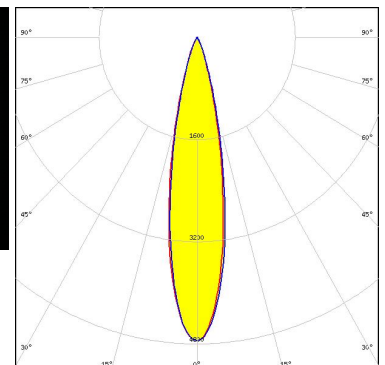
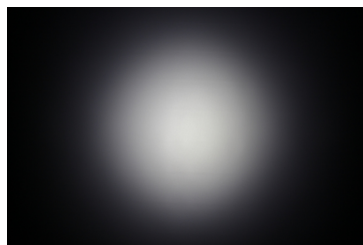
**LED** EASY-T FLUX 2x2 FLR XT xxx G5  
**FWHM / FWTM** 17.0° / 31.0°  
**Efficiency** 86 %  
**Peak intensity** 7.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XHP35 HD  
**FWHM / FWTM** 21.0° / 40.0°  
**Efficiency** 82 %  
**Peak intensity** 4.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD



Light distribution files

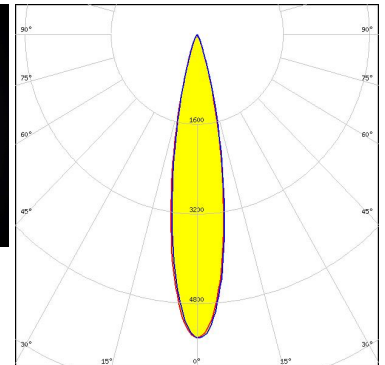
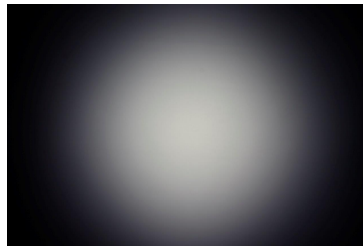
#### OPTICAL RESULTS (MEASURED):



LED XHP35 HD  
FWHM / FWTM 21.0° / 40.0°  
Efficiency 82 %  
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 20.0° / 37.0°  
Efficiency 79 %  
Peak intensity 5.4 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 20.0° / 37.0°  
Efficiency 79 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



#### OPTICAL RESULTS (MEASURED):



LED XP-L HD  
FWHM / FWTM 20.0° / 37.0°  
Efficiency 79 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

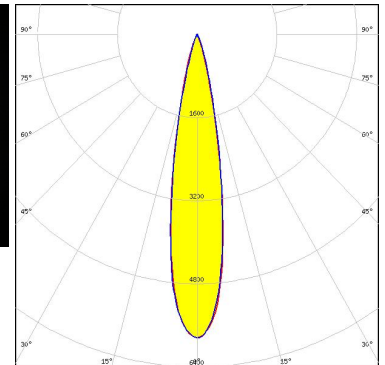
C15196\_FLORENTINA-2X2-SHD-OPEN



LED LUXEON MZ  
FWHM / FWTM 20.0° / 35.0°  
Efficiency 80 %  
Peak intensity 5.9 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C15196\_FLORENTINA-2X2-SHD-OPEN



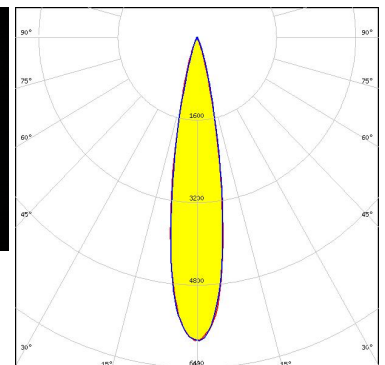
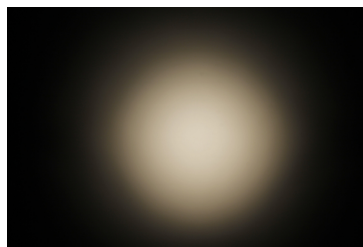
Light distribution files



LED LUXEON MZ  
FWHM / FWTM 20.0° / 35.0°  
Efficiency 82 %  
Peak intensity 5.9 cd/lm  
LEDs/each optic 1  
Light colour/type White

Required components:

C14960\_FLORENTINA-2X2-SHD-WHT

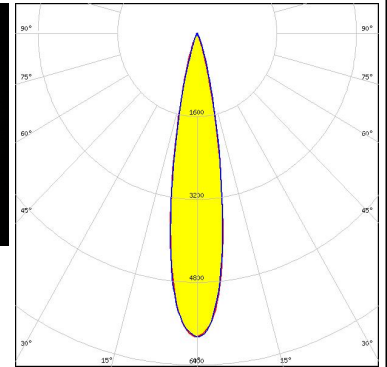


Light distribution files

#### OPTICAL RESULTS (MEASURED):



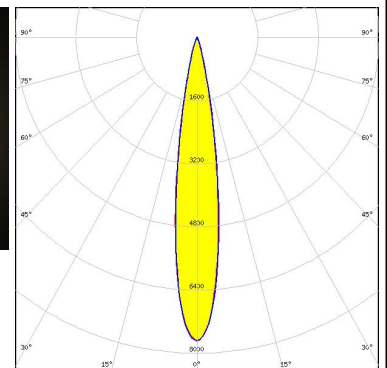
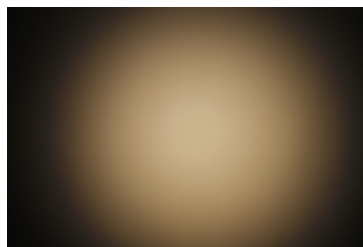
LED LUXEON MZ  
 FWHM / FWTM 20.0° / 35.0°  
 Efficiency 80 %  
 Peak intensity 5.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



Light distribution files



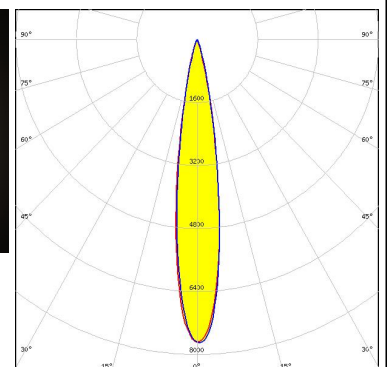
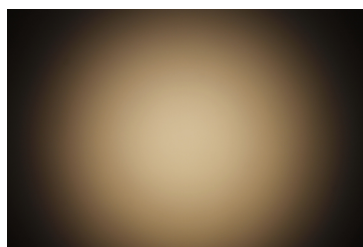
LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 82 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 78 %  
 Peak intensity 7.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



Light distribution files

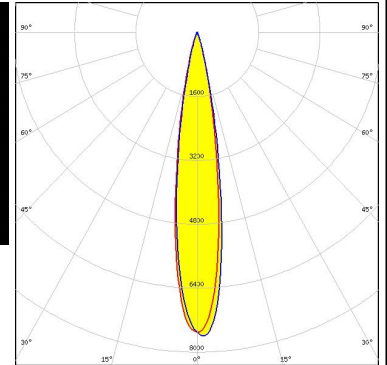
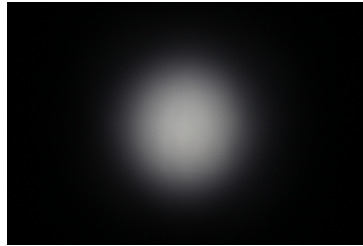
#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square EC  
FWHM / FWTM 17.0° / 31.0°  
Efficiency 83 %  
Peak intensity 7.6 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 17.0° / 31.0°  
Efficiency 83 %  
Peak intensity 7.6 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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