

## FLORENTINA-2X2-M

~30° medium beam

### SPECIFICATION:

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

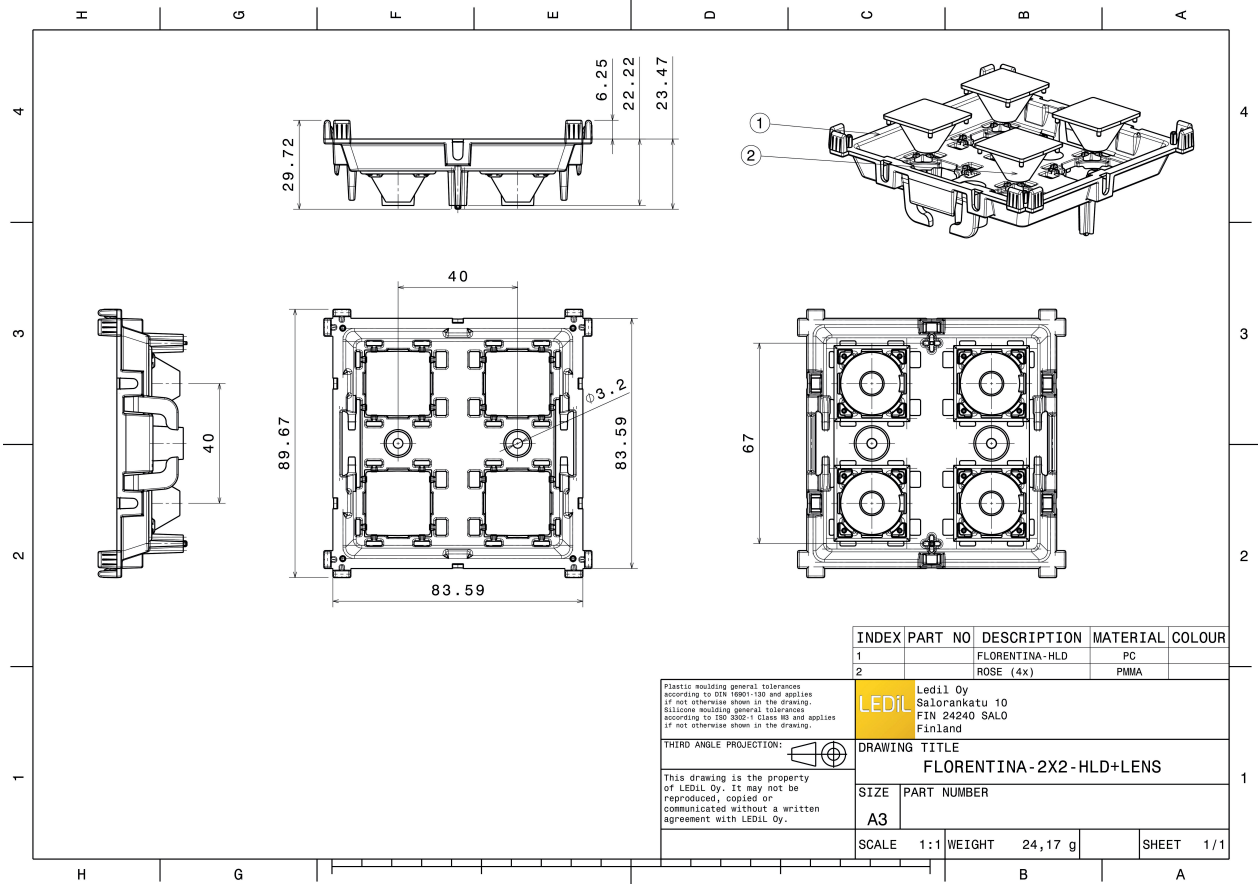
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ROSE-CMC-M	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)
FCP14967_FLORENTINA-2X2-M	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



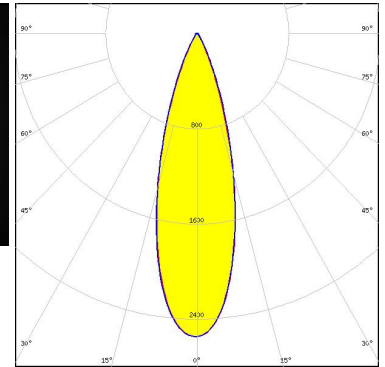
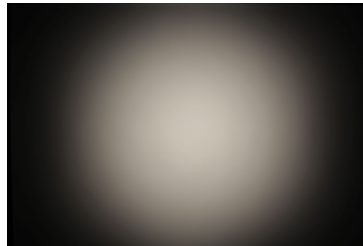


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



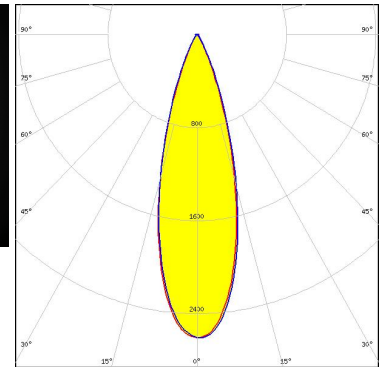
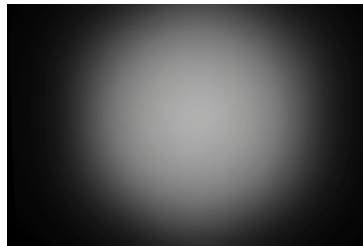
LED EASY-T FLUX 2x2 FLR XG xxx G7  
FWHM / FWTM 30.0° / 52.0°  
Efficiency 83 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



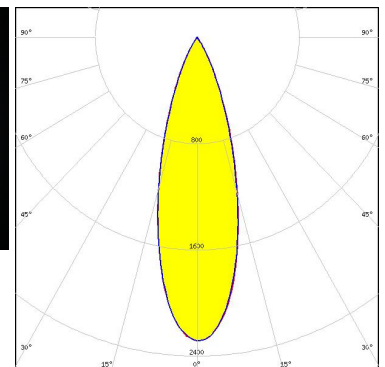
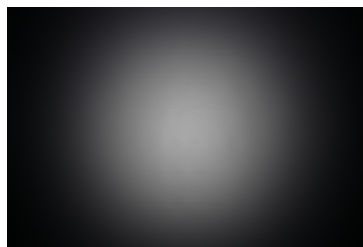
LED EASY-T FLUX 2x2 FLR XT xxx G5  
FWHM / FWTM 30.0° / 52.0°  
Efficiency 83 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XHP35 HD  
FWHM / FWTM 31.0° / 57.0°  
Efficiency 77 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD



Light distribution files

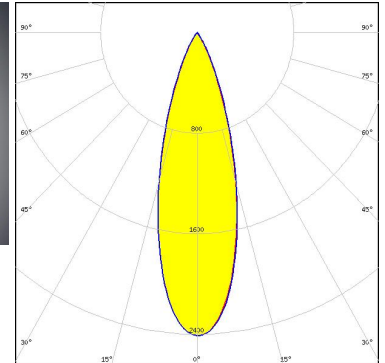
#### OPTICAL RESULTS (MEASURED):



LED XP-L HD  
FWHM / FWTM 30.0° / 55.0°  
Efficiency 75 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



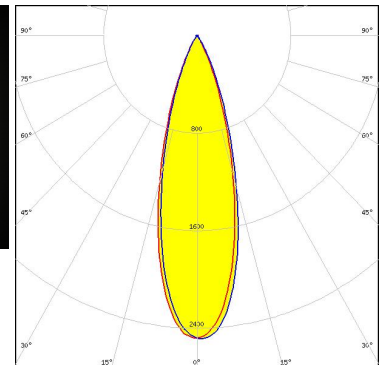
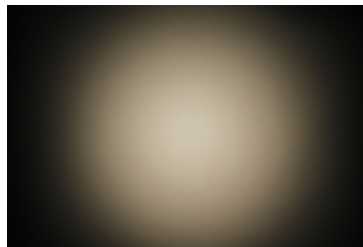
LED XP-L HD  
FWHM / FWTM 30.0° / 55.0°  
Efficiency 75 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD



Light distribution files



LED LUXEON MZ  
FWHM / FWTM 29.0° / 53.0°  
Efficiency 77 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT

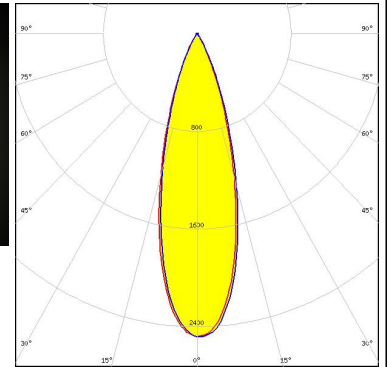


Light distribution files

### OPTICAL RESULTS (MEASURED):



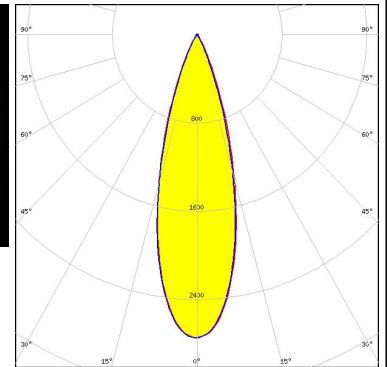
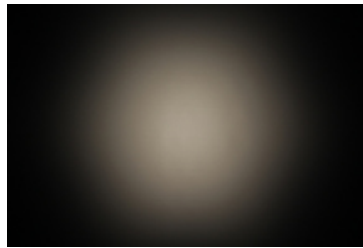
LED LUXEON MZ  
FWHM / FWTM 30.0° / 53.0°  
Efficiency 75 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD



Light distribution files



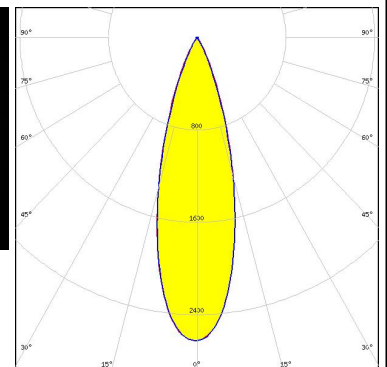
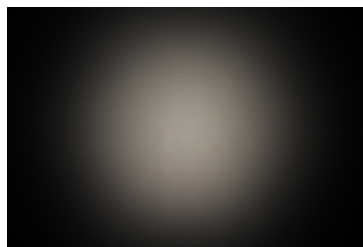
LED LUXEON TX  
FWHM / FWTM 30.0° / 51.0°  
Efficiency 80 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD



Light distribution files



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 30.0° / 53.0°  
Efficiency 79 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD

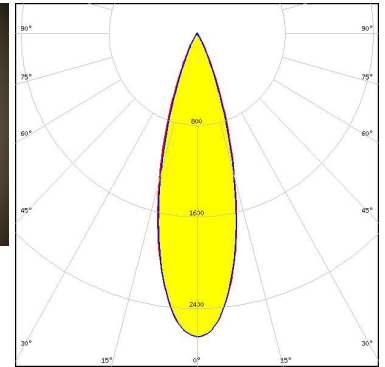
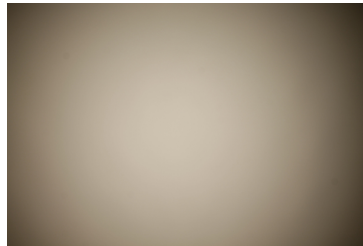


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

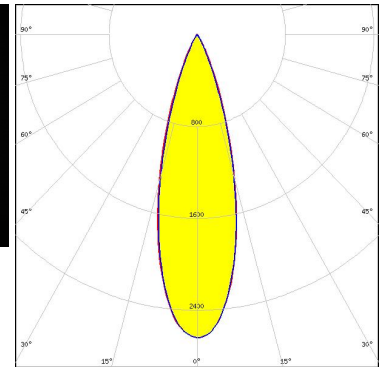
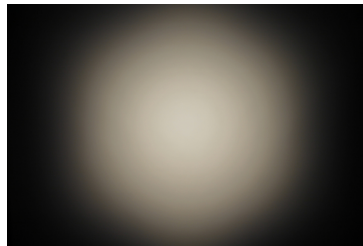
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 30.0° / 51.0°  
Efficiency 77 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



Light distribution files

**OSRAM**  
Opto Semiconductors

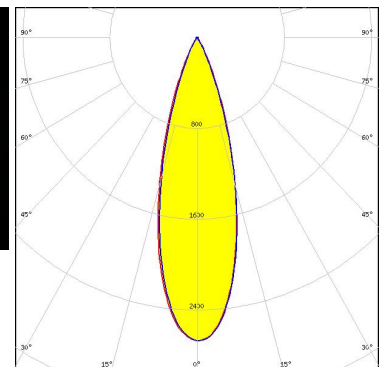
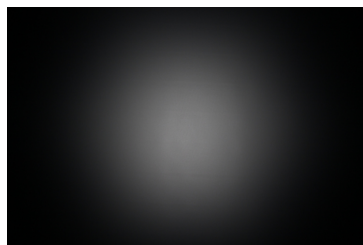
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 30.0° / 51.0°  
Efficiency 75 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON Square EC  
FWHM / FWTM 30.0° / 52.0°  
Efficiency 80 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C14734\_FLORENTINA-2X2-SHD

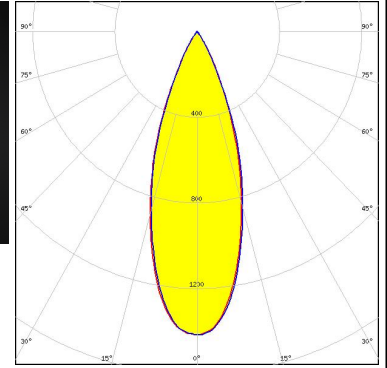


Light distribution files

#### OPTICAL RESULTS (MEASURED):

### SAMSUNG

LED HiLOM SC16 (LH181B)  
FWHM / FWTM 36.0° / 60.0°  
Efficiency 58 %  
Peak intensity 1.4 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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