

## FLORENTINA-2X2-RS

~10° spot beam

### SPECIFICATION:

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

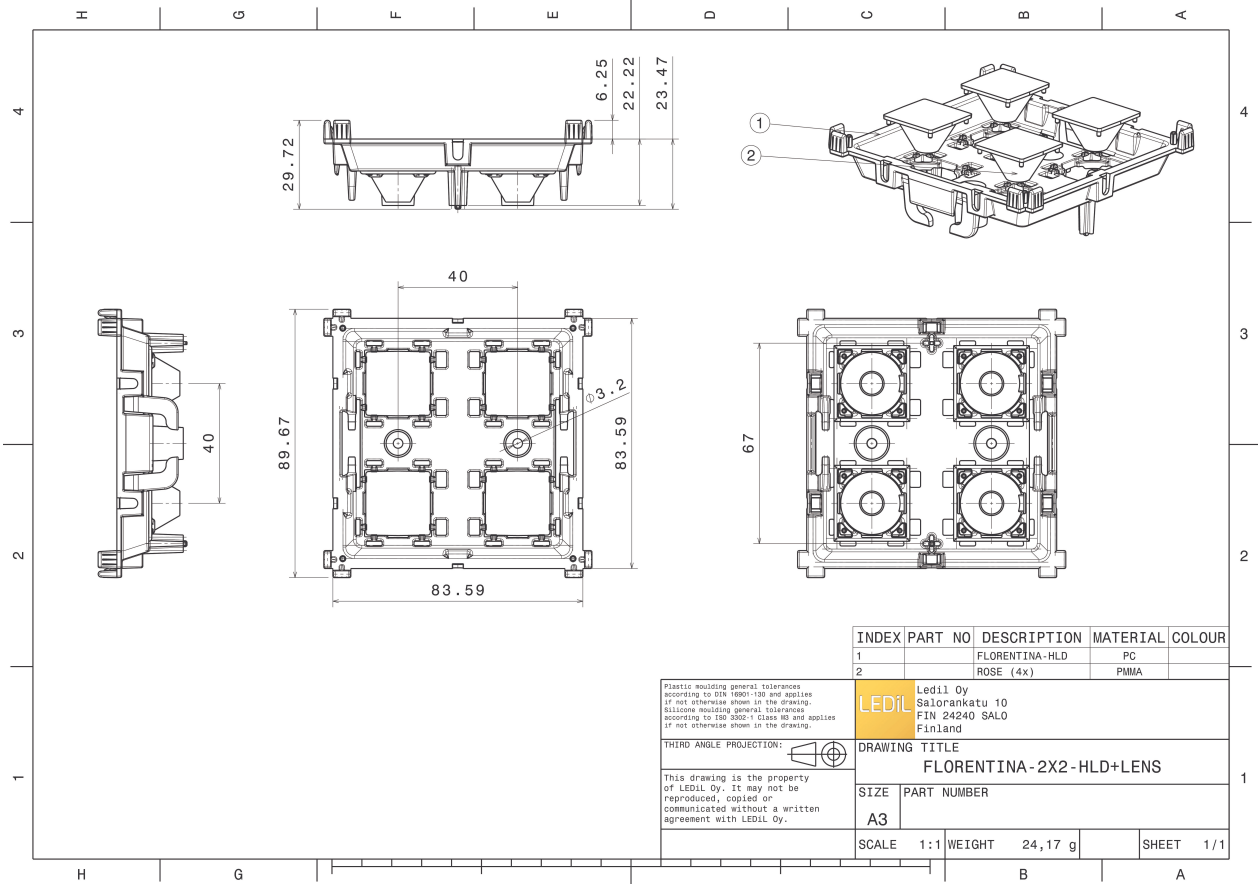
### MATERIALS:

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

### ORDERING INFORMATION:


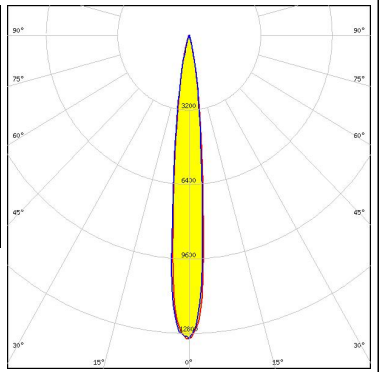

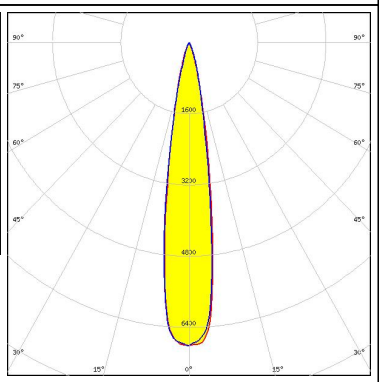

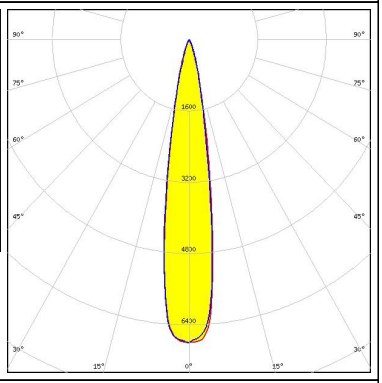

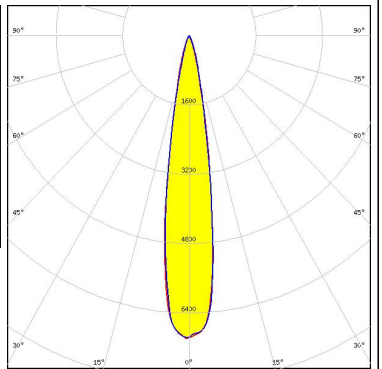
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14965_FLORENTINA-2X2-RS	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					




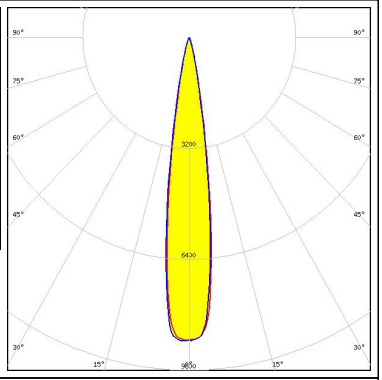

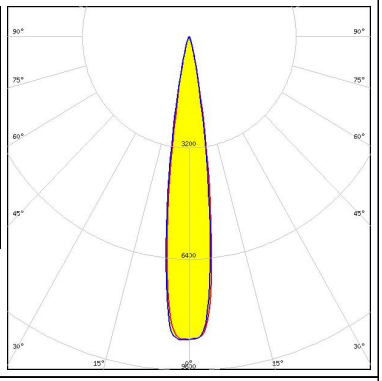

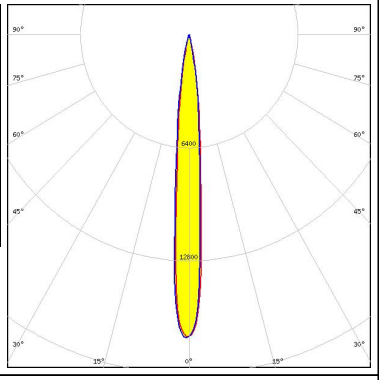

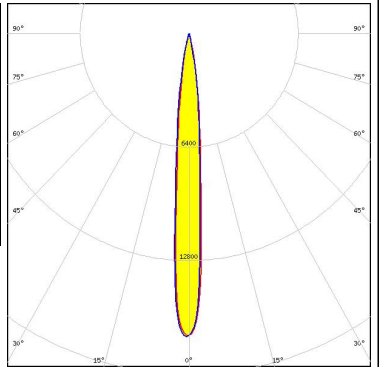


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p><b>COMET</b> ELECTRONICS</p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7            FWHM / FWTM 11.0° / 25.0°            Efficiency 86 %            Peak intensity 13 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> LEDs</p> <p>LED XHP35 HD            FWHM / FWTM 17.0° / 33.0°            Efficiency 83 %            Peak intensity 6.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>CREE</b> LEDs</p> <p>LED XHP35 HD            FWHM / FWTM 17.0° / 33.0°            Efficiency 85 %            Peak intensity 6.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>CREE</b> LEDs</p> <p>LED XHP35 HD            FWHM / FWTM 17.0° / 32.0°            Efficiency 86 %            Peak intensity 7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### OPTICAL RESULTS (MEASURED):

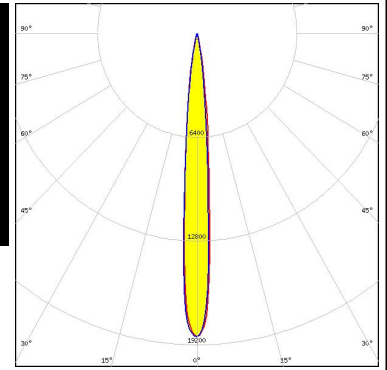
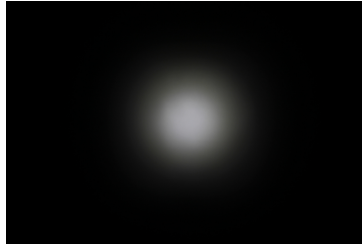
<p><b>CREE</b> LEDs</p> <p>LED: XP-L HD            FWHM / FWTM: 16.0° / 27.0°            Efficiency: 82 %            Peak intensity: 8.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>CREE</b> LEDs</p> <p>LED: XP-L HD            FWHM / FWTM: 16.0° / 27.0°            Efficiency: 83 %            Peak intensity: 8.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON TX            FWHM / FWTM: 10.0° / 22.0°            Efficiency: 86 %            Peak intensity: 17.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON TX            FWHM / FWTM: 10.0° / 22.0°            Efficiency: 85 %            Peak intensity: 17.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		

#### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

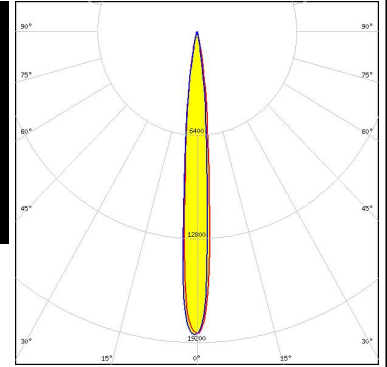
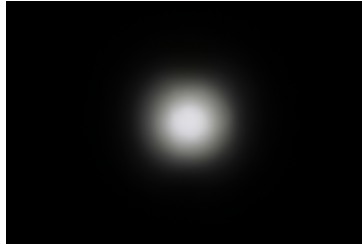
LED OSLON Square EC  
 FWHM / FWTM 10.0° / 21.0°  
 Efficiency 85 %  
 Peak intensity 18.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



#### OSRAM

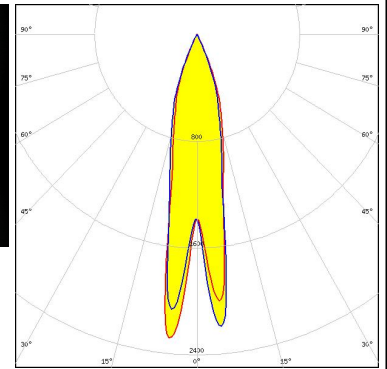
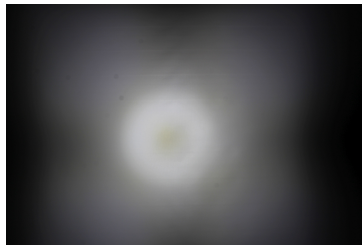
Opto Semiconductors

LED OSLON Square EC  
 FWHM / FWTM 10.0° / 21.0°  
 Efficiency 84 %  
 Peak intensity 18.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



#### SAMSUNG

LED HiLOM SC16 (LH181B)  
 FWHM / FWTM 21.0° / 48.0°  
 Efficiency 60 %  
 Peak intensity 2.3 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:

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