

## FLORENTINA-4X1-SS

~16° smooth spot beam

### SPECIFICATION:

Dimensions	169.7 x 49.7 mm
Height	28.5 mm
Fastening	pin
ROHS compliant	yes ⓘ

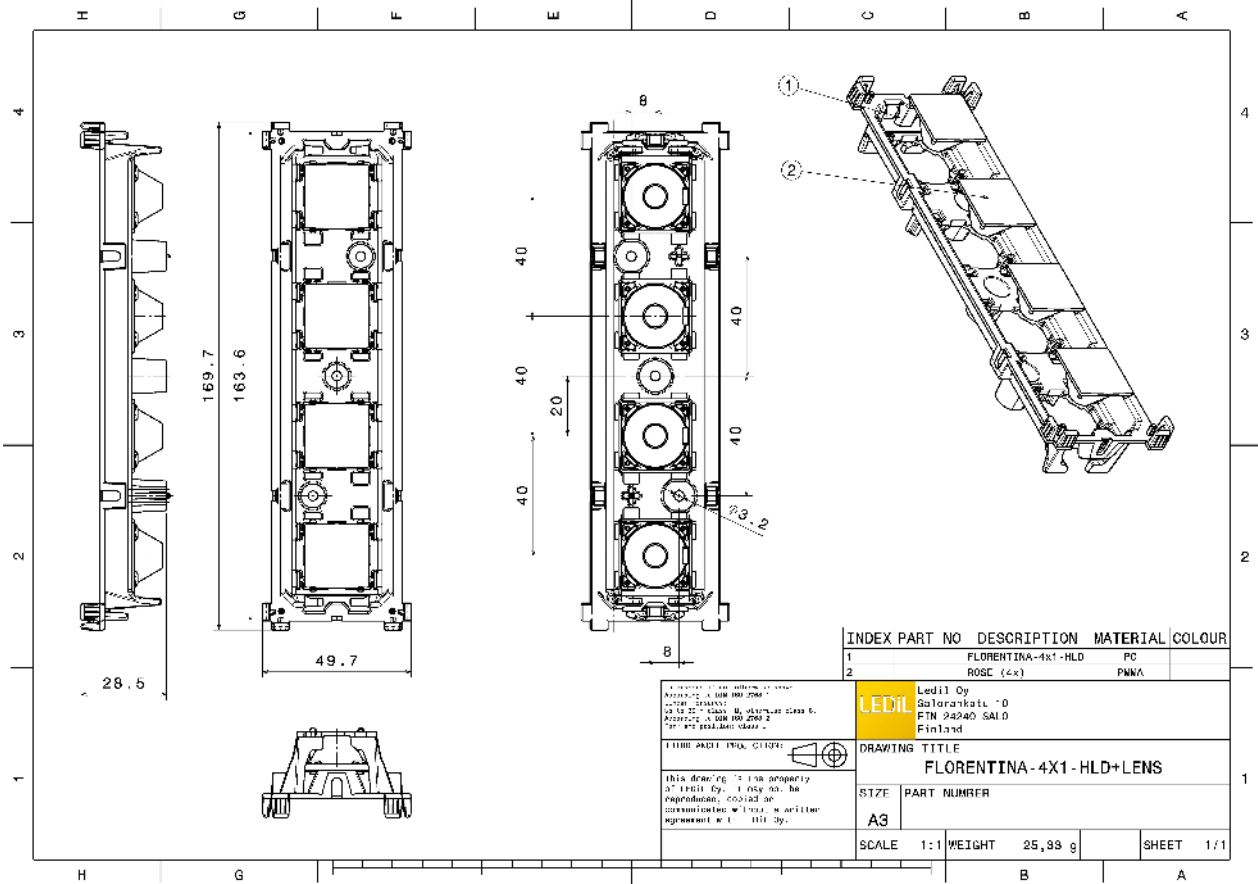
### MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-CMC-SS	Single lens	PC	clear	
FLORENTINA-4X1-HLD	Holder	PC	black	

### ORDERING INFORMATION:



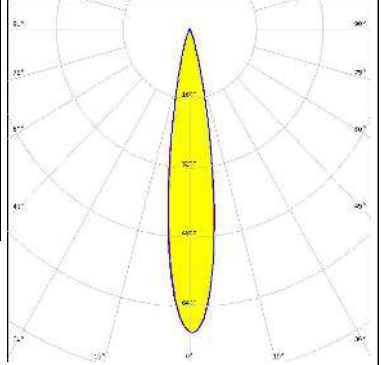

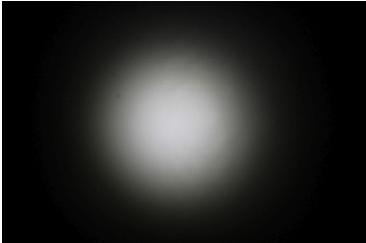
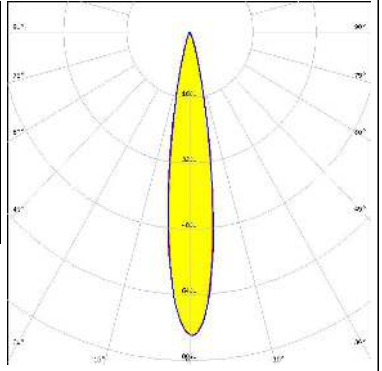


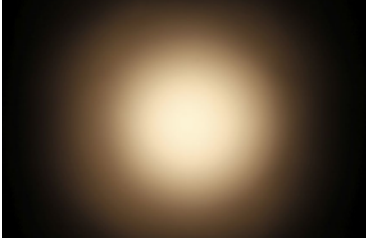
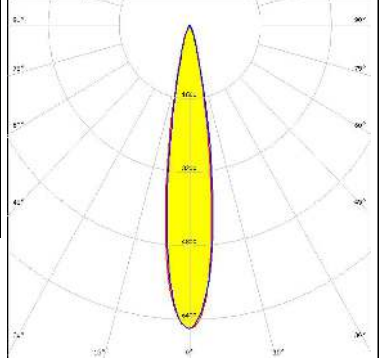
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15343_FLORENTINA-4X1-SS	Single lens	72	72	8	3.4
» Box size: 476 x 273 x 292 mm					




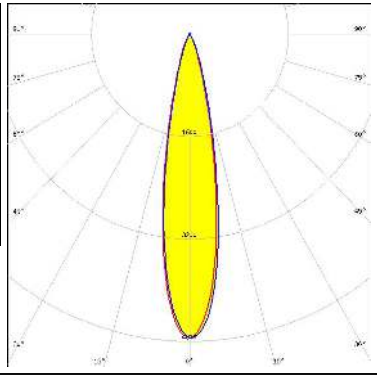

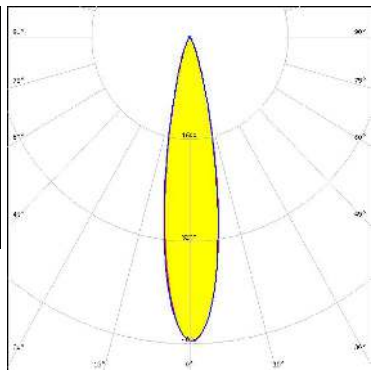

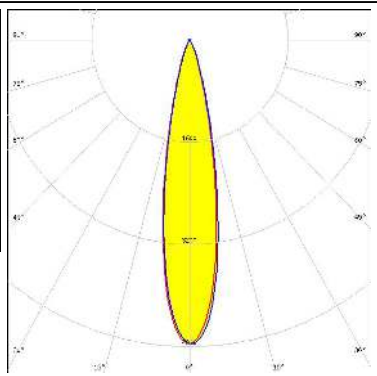

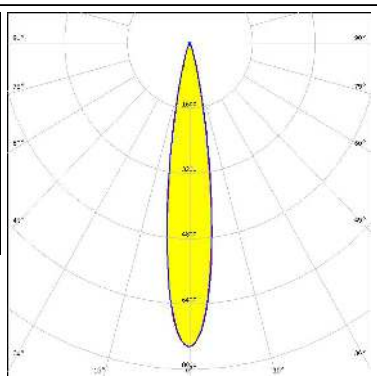


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


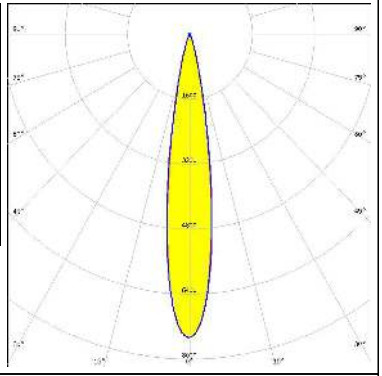

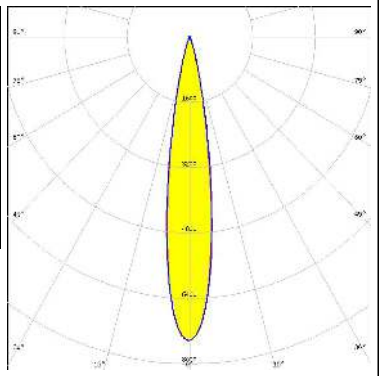

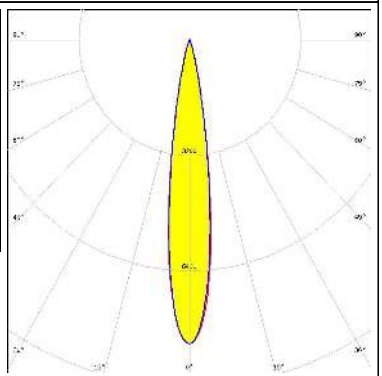

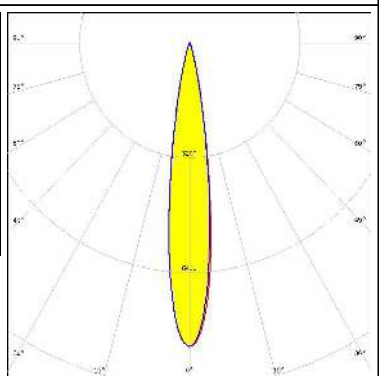
#### OPTICAL RESULTS (MEASURED):

 <p> <b>LED</b> EASY-T FLUX 1x4 FLR XG xxx G7  <b>FWHM / FWTM</b> 17.0° / 32.0°  <b>Efficiency</b> 80 %  <b>Peak intensity</b> 7 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b>            C15028_FLORENTINA-4X1-SHD         </p>		
 <p> <b>LED</b> EASY-T FLUX 1x4 FLR XT xxx G5  <b>FWHM / FWTM</b> 17.0° / 32.0°  <b>Efficiency</b> 81 %  <b>Peak intensity</b> 7.4 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b>            C15028_FLORENTINA-4X1-SHD         </p>		
		
<p> <b>LED</b> XP-G2  <b>FWHM / FWTM</b> 17.0° / 32.0°  <b>Efficiency</b> 78 %  <b>Peak intensity</b> 6.6 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b>            C15198_FLORENTINA-4X1-SHD-OPEN         </p>		
 <p> <b>LED</b> XP-G2  <b>FWHM / FWTM</b> 17.0° / 32.0°  <b>Efficiency</b> 78 %  <b>Peak intensity</b> 6.6 cd/lm  <b>LEDs/each optic</b> 1  <b>Light colour</b> White  <b>Required components:</b>            C15028_FLORENTINA-4X1-SHD         </p>		

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>LED XP-L2            FWHM / FWTM 21.0° / 39.0°            Efficiency 81 %            Peak intensity 4.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>CREE</b> LED</p> <p>LED XP-L2            FWHM / FWTM 21.0° / 39.0°            Efficiency 82 %            Peak intensity 4.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p><b>CREE</b> LED</p> <p>LED XP-L2            FWHM / FWTM 21.0° / 39.0°            Efficiency 81 %            Peak intensity 4.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 17.0° / 31.0°            Efficiency 84 %            Peak intensity 7.5 cd/m            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		

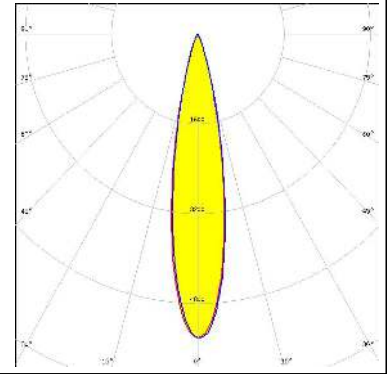
#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 17.0° / 31.0°            Efficiency 86 %            Peak intensity 7.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 17.0° / 31.0°            Efficiency 84 %            Peak intensity 7.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3            FWHM / FWTM 16.0° / 29.0°            Efficiency 81 %            Peak intensity 8.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3            FWHM / FWTM 16.0° / 29.0°            Efficiency 81 %            Peak intensity 8.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		

#### OPTICAL RESULTS (SIMULATED):

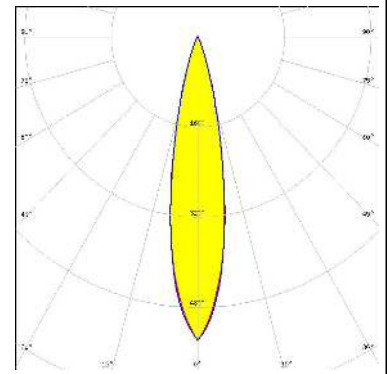
##### CREE → LED

LED XP-L HD  
FWHM / FWTM 37.0° / 20.0°  
Efficiency 79 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15028\_FLORENTINA-4X1-SHD



##### CREE → LED

LED XP-L HD  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 86 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15198\_FLORENTINA-4X1-SHD-OPEN



#### 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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