

## FLORENTINA-4X1-RS

~10° spot beam

### SPECIFICATION:

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

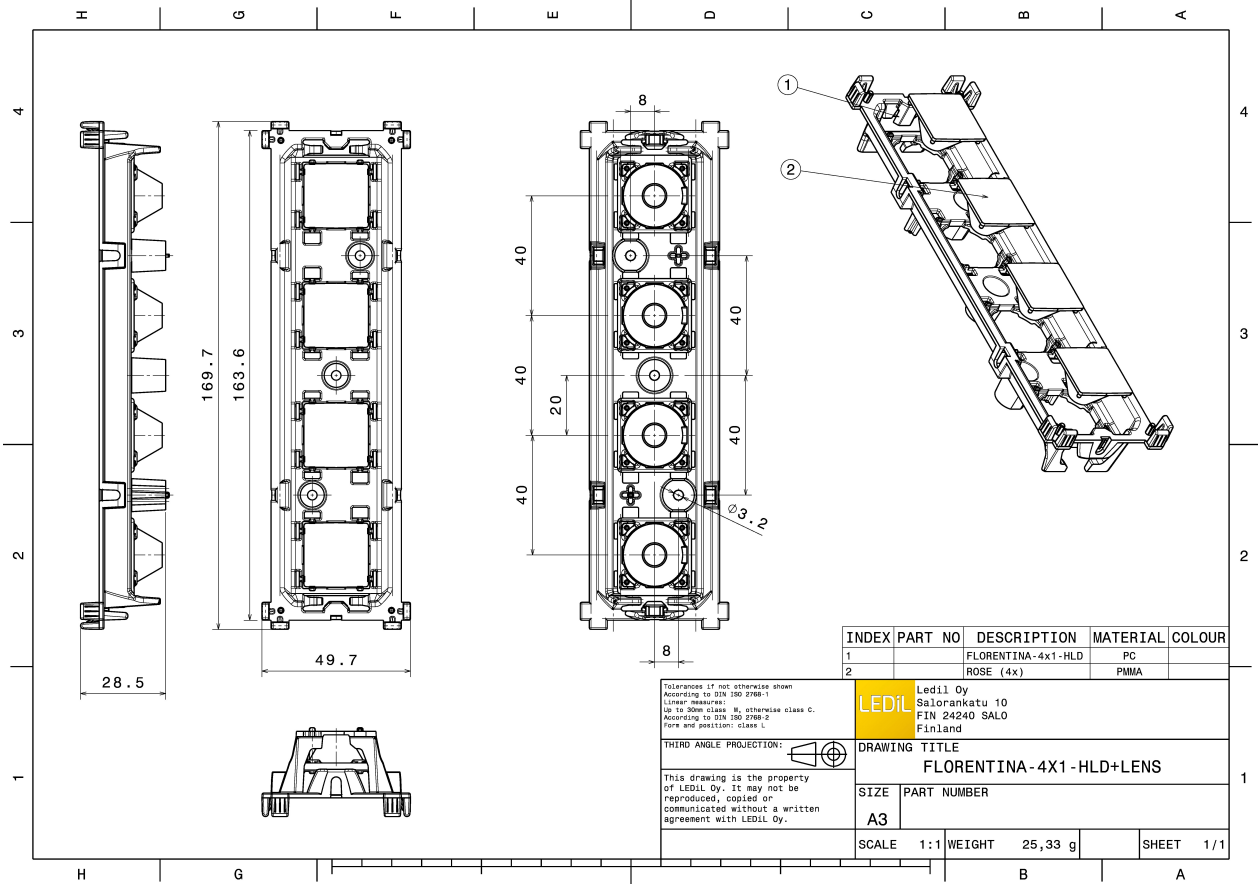
### MATERIALS:

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

### ORDERING INFORMATION:

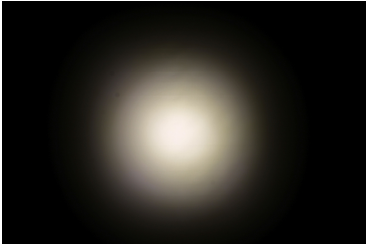
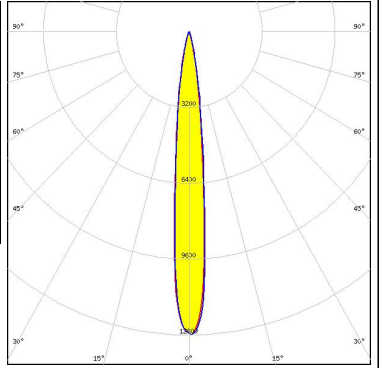
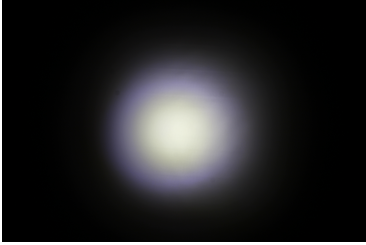
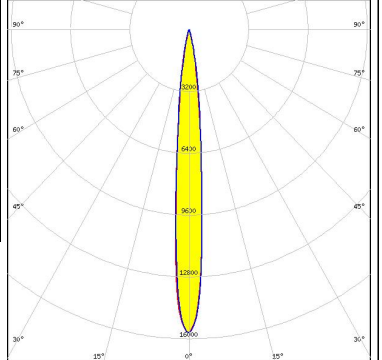
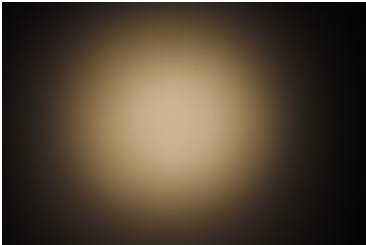
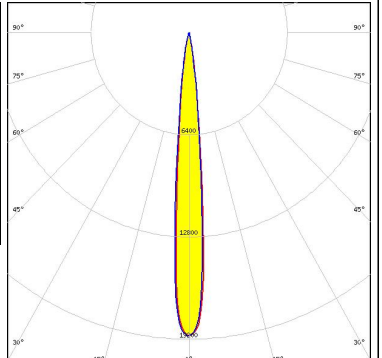
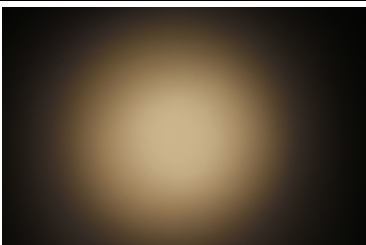
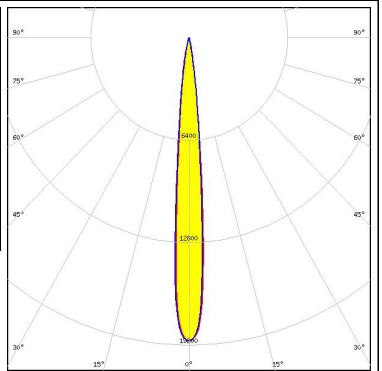
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP15344_FLORENTINA-4X1-RS » Box size: 476 x 273 x 292 mm	Single lens	72	72	8	3.4





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

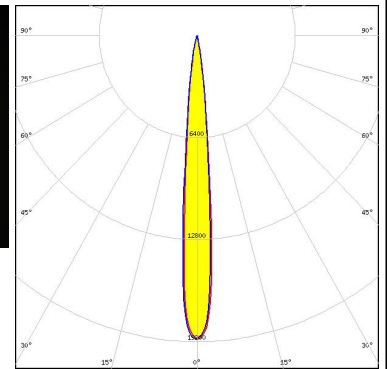
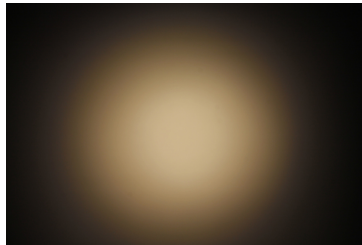
#### OPTICAL RESULTS (MEASURED):

<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 1x4 FLR XG xxx G7</p> <p>FWHM / FWTM 11.0° / 25.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 12.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 1x4 FLR XT xxx G5</p> <p>FWHM / FWTM 10.0° / 23.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 15.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p><b>CREE LEDs</b></p> <p>LED XP-G2</p> <p>FWHM / FWTM 10.0° / 19.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 19 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p><b>CREE LEDs</b></p> <p>LED XP-G2</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 19 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15690_FLORENTINA-4X1-SHD-WHT</p>		

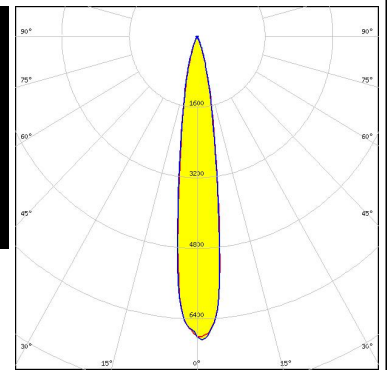
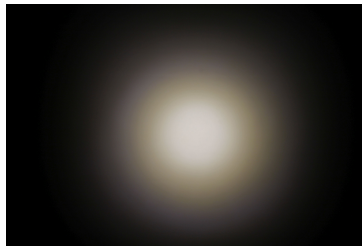
#### OPTICAL RESULTS (MEASURED):



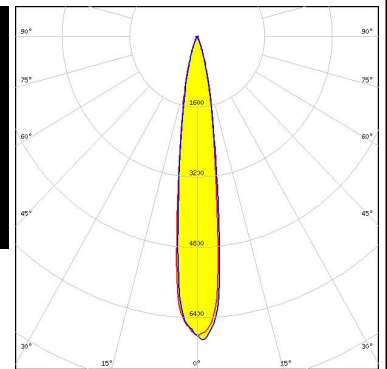
LED XP-G2  
 FWHM / FWTM 10.0° / 19.0°  
 Efficiency 82 %  
 Peak intensity 19 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN



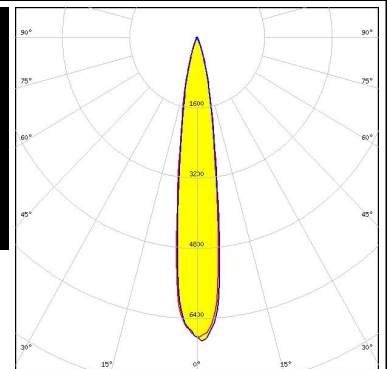
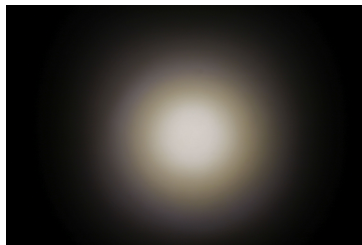
LED XP-L2  
 FWHM / FWTM 15.0° / 34.0°  
 Efficiency 82 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15690\_FLORENTINA-4X1-SHD-WHT



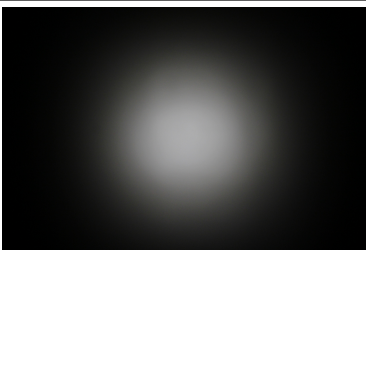
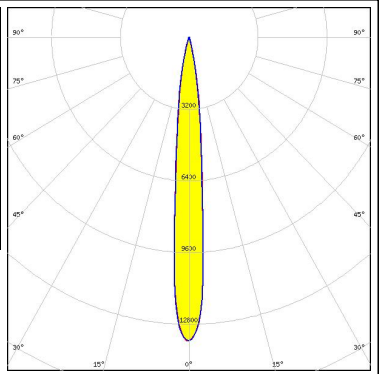
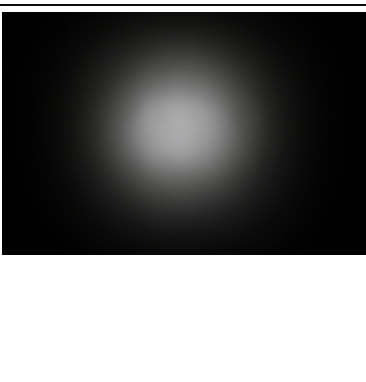
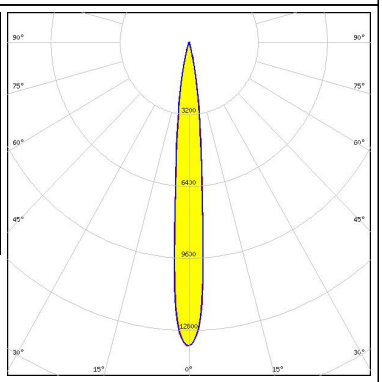
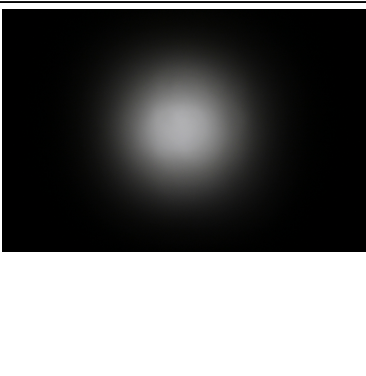
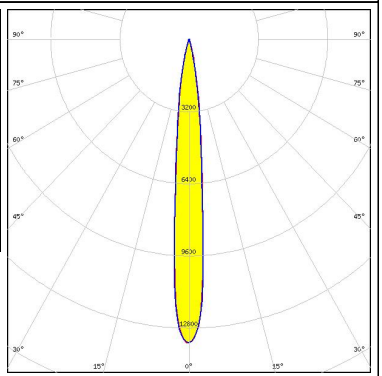
LED XP-L2  
 FWHM / FWTM 15.0° / 34.0°  
 Efficiency 81 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD



LED XP-L2  
 FWHM / FWTM 15.0° / 33.0°  
 Efficiency 81 %  
 Peak intensity 6.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN



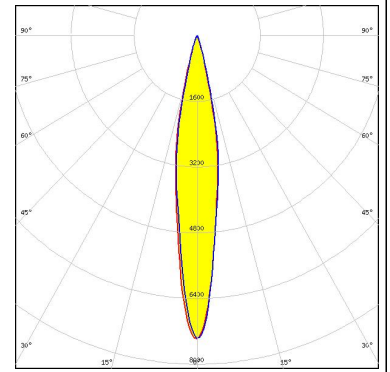
#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 11.0° / 25.0°            Efficiency 85 %            Peak intensity 13.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 11.0° / 25.0°            Efficiency 85 %            Peak intensity 13.5 cd/lm            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 11.0° / 25.0°            Efficiency 86 %            Peak intensity 13.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15690_FLORENTINA-4X1-SHD-WHT</p>		

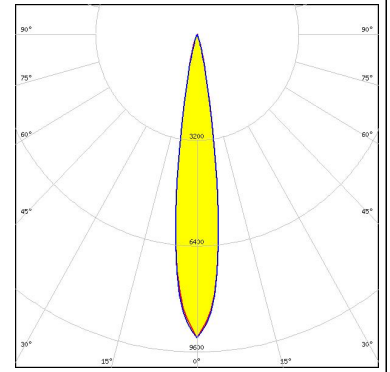
#### OPTICAL RESULTS (SIMULATED):



**LED** XP-L HD  
**FWHM / FWTM** 16.0° / 31.0°  
**Efficiency** 77 %  
**Peak intensity** 7.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15028\_FLORENTINA-4X1-SHD



**LED** XP-L HD  
**FWHM / FWTM** 16.0° / 28.0°  
**Efficiency** 85 %  
**Peak intensity** 9.2 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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