

### FLORENTINA

A hybrid design of a black reflector and a lens for high visual comfort in various shapes. Part of LEDiL's Dark Light concept with UGR <16. Available also in white.

FLORENTINA-family has a hybrid design of black reflector and lenses built for high visual comfort applications. Being built around LEDiL's previously released optical designs it has many different beam angles. Similarly to other LEDiL Dark Light products, it reduces unwanted glare efficiently, while maintaining the optical performance required by the application. Complementing the package with FLORENTINA-OPEN, a stripped-down version of the original, to give you the full freedom for creating personalized luminaire solutions. Available with black and white shades.

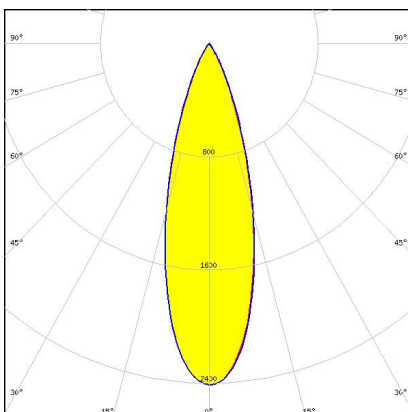
### FLORENTINA-4X1

175 x 50 mm linear 4X1 modules with customizable front plates for ROSE/ROSE-MRK lenses and 3535 and 5050 size LED packages



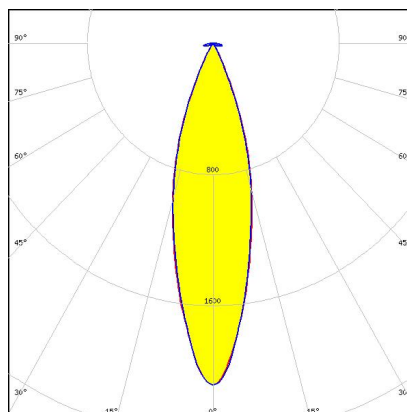
### PRODUCTS:

#### FCP15346\_FLORENTINA-4X1-M



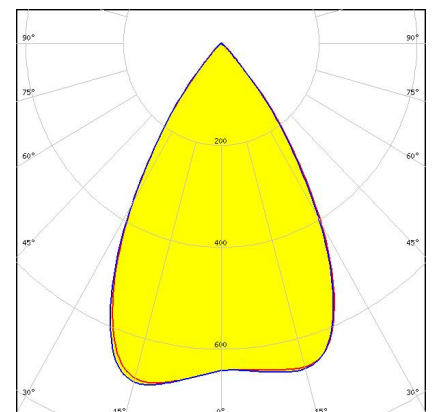
**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 28.50 mm**  
~30° medium beam

#### FCP15708\_FLORENTINA-4X1-MRK-S



**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 29.72 mm**  
~25° spot beam. Compatible with ultra high power LEDs.

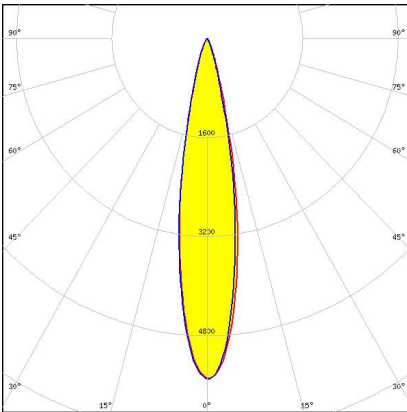
#### FCP15711\_FLORENTINA-4X1-MRK-BW



**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 29.72 mm**  
~60° batwing beam compatible with ultra high power LEDs

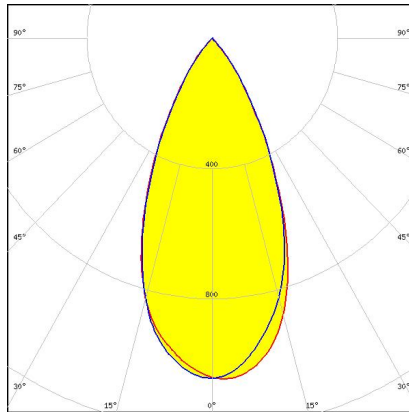
### PRODUCTS:

FCP15345\_FLORENTINA-4X1-D



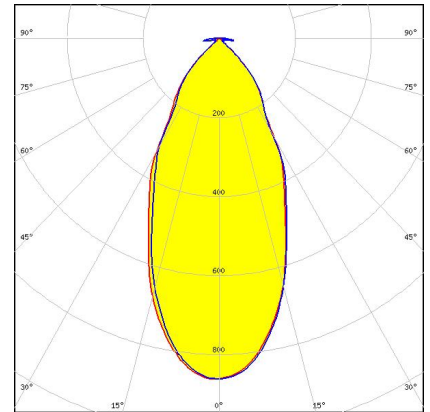
**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 28.50 mm**  
 ~18° diffused spot beam

FCP15348\_FLORENTINA-4X1-W



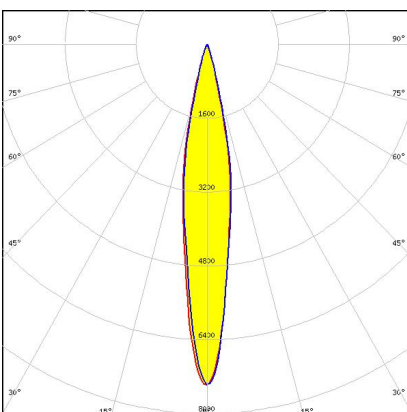
**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 29.72 mm**  
 ~40° wide beam

FCP15710\_FLORENTINA-4X1-MRK-W



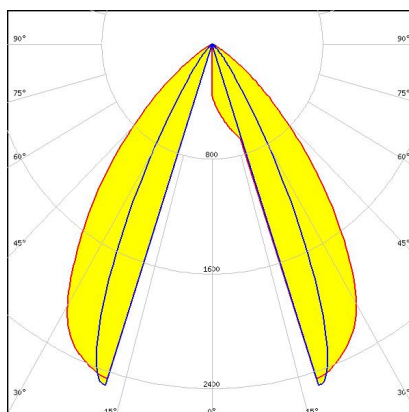
**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 29.72 mm**  
 ~50° wide beam. Compatible with ultra high power LEDs.

FCP15344\_FLORENTINA-4X1-RS



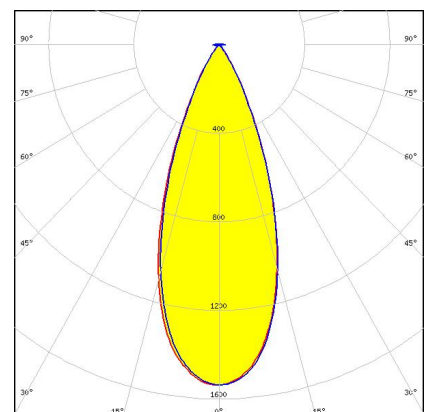
**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 28.50 mm**  
 ~10° spot beam

FCP15347\_FLORENTINA-4X1-O



**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 28.50 mm**  
 ~45° + 15° oval beam

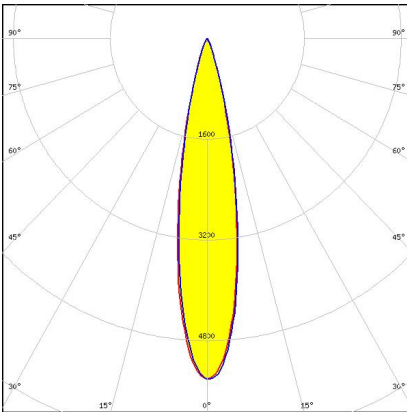
FCP15709\_FLORENTINA-4X1-MRK-M



**Dimensions: 169.7 mm x 49.7 mm**  
**Height: 29.72 mm**  
 ~40° medium beam. Compatible with ultra high power LEDs.

## PRODUCTS:

### FCP15343\_FLORENTINA-4X1-SS



**Dimensions: 169.7 mm x 49.7 mm**

**Height: 28.50 mm**

~16° smooth spot beam

### 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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