

### 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.

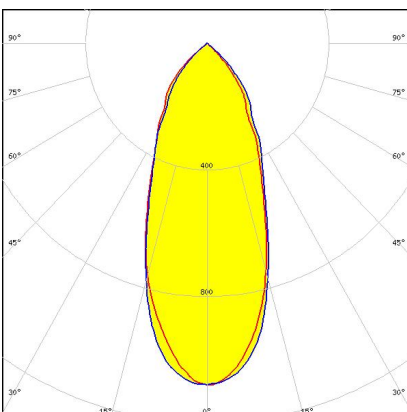


### FLORENTINA-1

40 x 40 mm single LED modules with customizable front plates for ROSE/ROSE-MRK lenses and 3535 and 5050 size LED packages

### PRODUCTS:

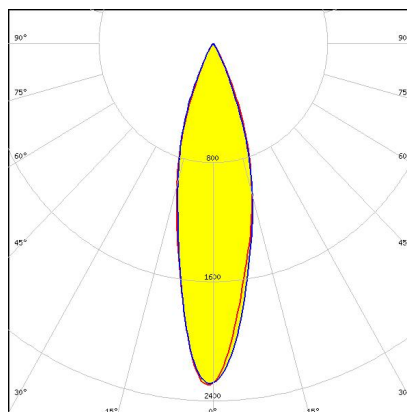
FCA15513\_FLORENTINA-1-MRK-W



**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**

~50° wide beam. Compatible with ultra high power LEDs.

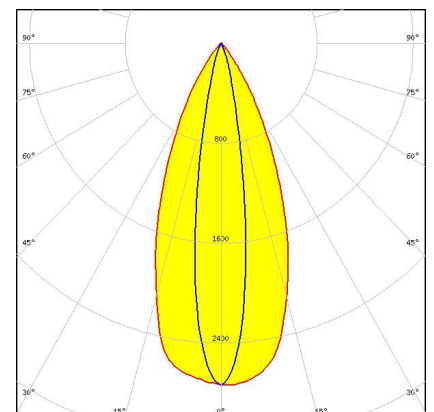
FCA15511\_FLORENTINA-1-MRK-S



**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**

~25° spot beam. Compatible with ultra high power LEDs.

FCA15452\_FLORENTINA-1-O

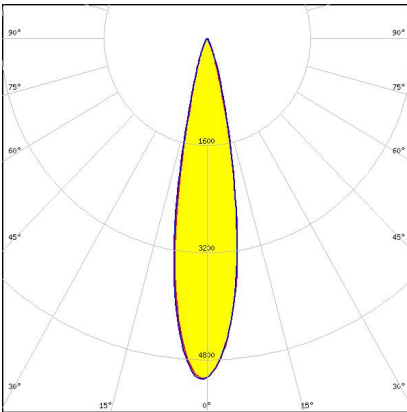


**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**

~45° + 15° oval beam

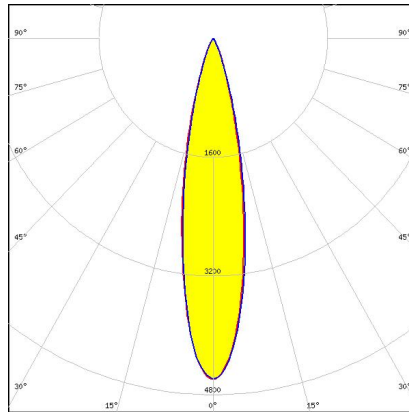
### PRODUCTS:

FCA15450\_FLORENTINA-1-D



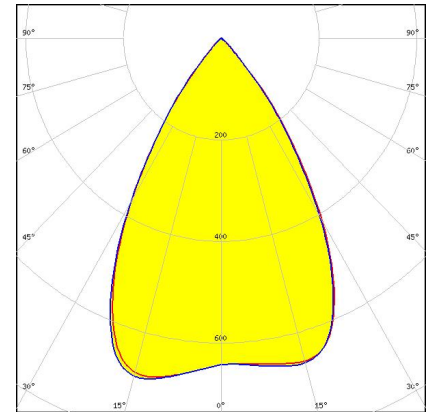
**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**  
~18° diffused spot beam

FCA15448\_FLORENTINA-1-SS



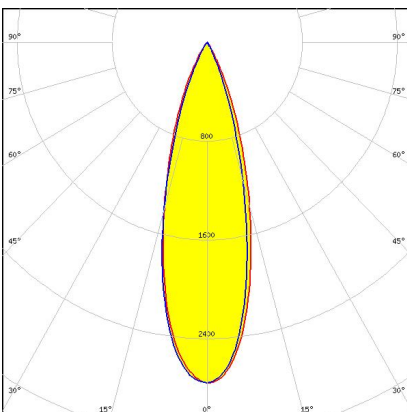
**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**  
~16° smooth spot beam

FCA15702\_FLORENTINA-1-MRK-BW



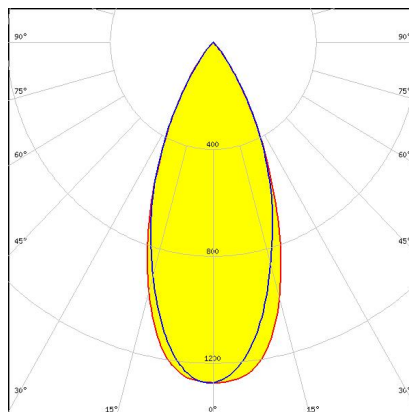
**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 17.55 mm**  
~60° batwing beam compatible with ultra high power LEDs.

FCA15512\_FLORENTINA-1-MRK-M



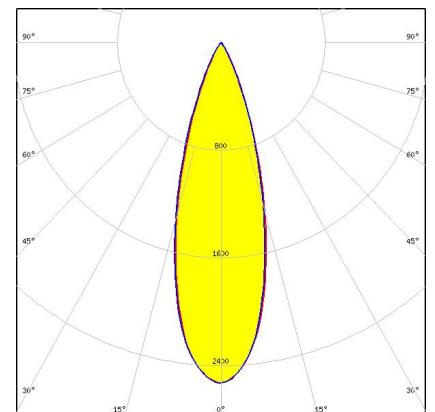
**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**  
~40° medium beam. Compatible with ultra high power LEDs.

FCA15453\_FLORENTINA-1-W



**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**  
~40° wide beam

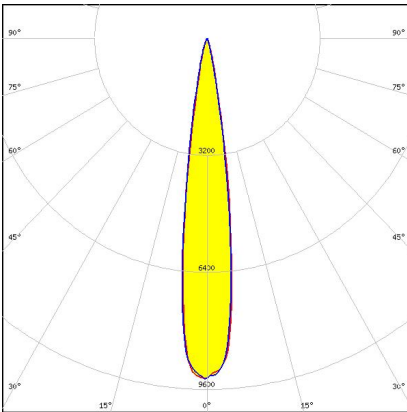
FCA15451\_FLORENTINA-1-M



**Dimensions: 39.7 mm x 39.7 mm**  
**Height: 13.00 mm**  
~30° medium beam

## PRODUCTS:

### FCA15449\_FLORENTINA-1-RS



**Dimensions: 39.7 mm x 39.7 mm**

**Height: 17.55 mm**

~10° real 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)