

### BARBARA

Ø70 mm LEDiL System Reflectors compatible with various accessories, sockets and solderless connectors and up to 19 mm LES size COBs

BARBARA family consists of three subfamilies for midsized COBs. The newest addition to the family - BARBARA-G2 is compatible with LEDiL HEKLA due to a bayonet fastening mechanism. Product size is optimized to offer beam angles (FWHM) from a very narrow 13° to a wide 75° flood. LEDiL's RZ-sublens allows BARBARA to be used in applications from retail to stage lighting with full RGBW and tunable white colour mixing.

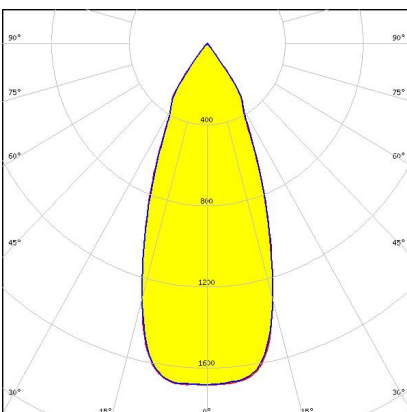
### BARBARA-G2

Variant compatible with LEDiL HEKLA connectors/sockets



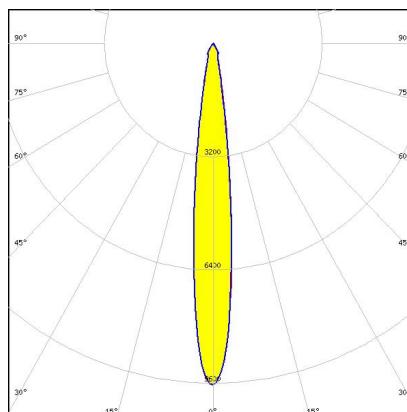
### PRODUCTS:

#### F16365\_BARBARA-G2-W



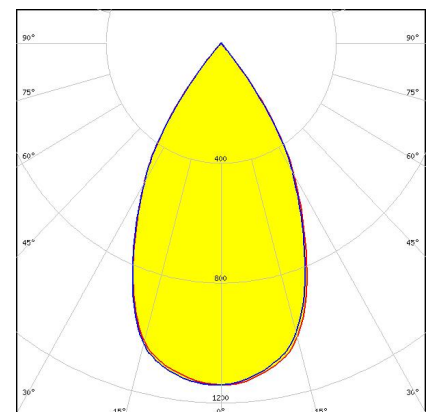
**Dimensions: 70.0 mm x 70.0 mm**  
**Height: 41.90 mm**  
~40° wide beam compatible with LEDiL HEKLA

#### F16363\_BARBARA-G2-S



**Dimensions: 70.0 mm x 70.0 mm**  
**Height: 41.90 mm**  
~12° spot beam compatible with LEDiL HEKLA

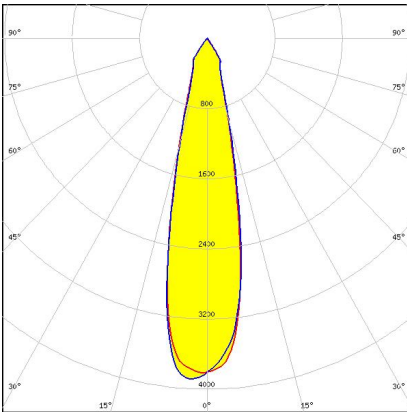
#### F16366\_BARBARA-G2-WW



**Dimensions: 70.0 mm x 70.0 mm**  
**Height: 41.90 mm**  
~60° wide beam compatible with LEDiL HEKLA

## PRODUCTS:

### F16364\_BARBARA-G2-M



**Dimensions: 70.0 mm x 70.0 mm**

**Height: 41.90 mm**

~25° wide beam compatible with LEDiL

HEKLA

### 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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#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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