

### TINA

Ø16.1 mm TIR-lenses for linear lighting, museums, reading lights, compact torches and head lamps compatible with up to 3535 size LED packages

TINA is a versatile family of single Ø16.1 mm lenses consisting of TINA, TINA2 and TINA3 subfamilies. All subfamilies have the same dimensions and come preassembled in lightweight durable holders with fastening tape that makes their installation fast and easy. TINA family has a wide selection of beams from narrow to wide flood.

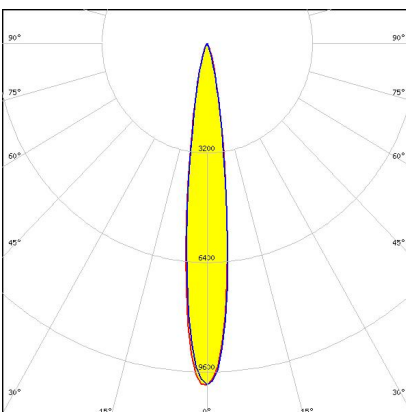
### TINA-SC

Variant compatible with solder clip



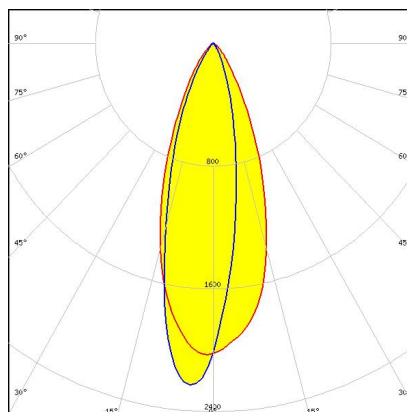
### PRODUCTS:

#### CP17593\_TINA-SC-D



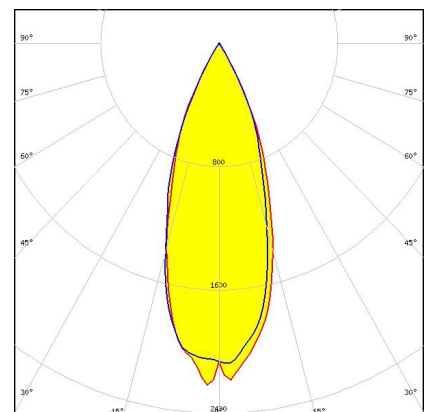
**Dimensions: 16.2 mm x 16.2 mm**  
**Height: 9.90 mm**  
~16° diffused spot beam

#### CP17598\_TINA-SC-O-WAS



**Dimensions: 16.2 mm x 16.2 mm**  
**Height: 9.90 mm**  
Asymmetric beam for wall-washing

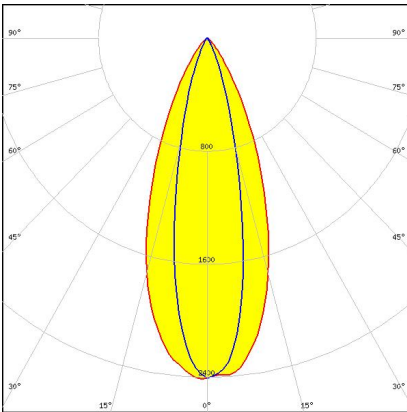
#### CP17597\_TINA-SC-W



**Dimensions: 16.2 mm x 16.2 mm**  
**Height: 9.90 mm**  
~45° wide beam

### PRODUCTS:

#### CP17596\_TINA-SC-O

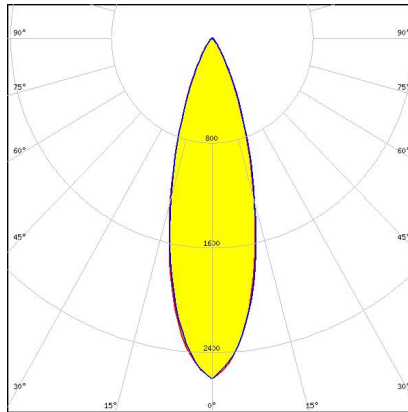


**Dimensions: 16.2 mm x 16.2 mm**

**Height: 10.10 mm**

~35° + 15° oval beam

#### CP17595\_TINA-SC-M

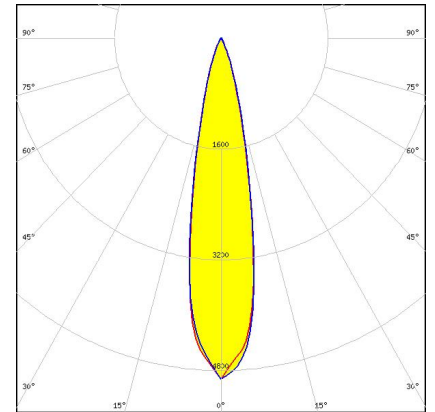


**Dimensions: 16.2 mm x 16.2 mm**

**Height: 9.90 mm**

~30° wide beam

#### CP17594\_TINA-SC-RS



**Dimensions: 16.2 mm x 16.2 mm**

**Height: 9.90 mm**

~14° 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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#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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