

### 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.

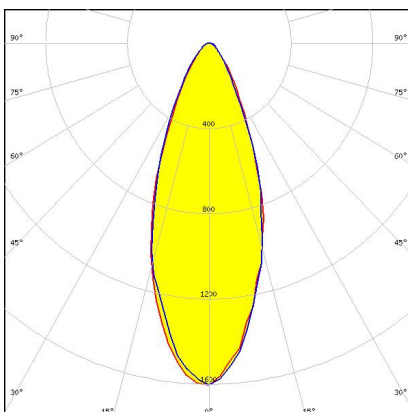
### TINA3

Low profile variant with wider beams for low- and highbay lighting



### PRODUCTS:

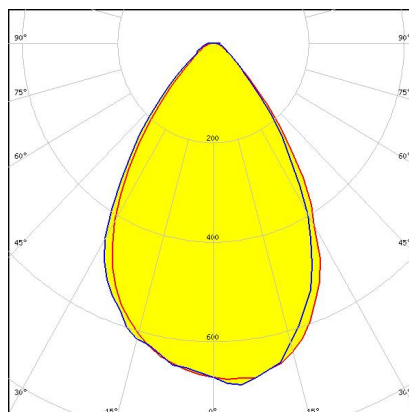
#### FA11824\_TINA3-W



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~40° wide beam optimized for CREE  
XP-E. Assembly with holder, installation  
tape and location pins.

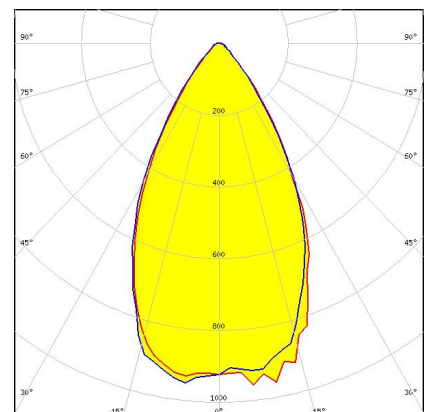
#### CA12428\_TINA3-WWW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~70° wide beam. Assembly with holder,  
installation tape and location pins.

#### CA12427\_TINA3-WW

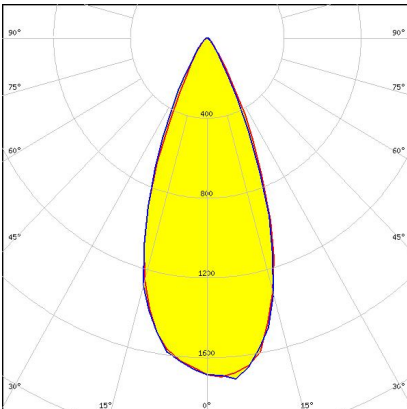


**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~55° wide beam. Assembly with holder,  
installation tape and location pins.

### PRODUCTS:

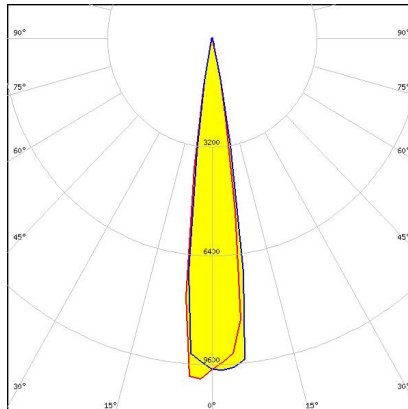
#### CA12426\_TINA3-W



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~40° wide beam. Assembly with holder and installation tape.

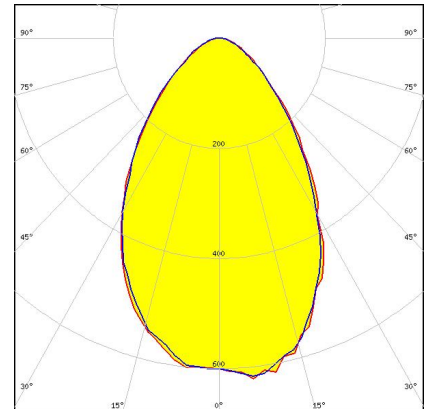
#### FA11905\_TINA3-S



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 11.40 mm**

~13° spot beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

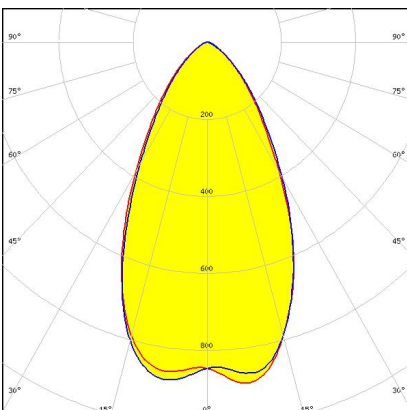
#### FA11904\_TINA3-WWW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.00 mm**

~70° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

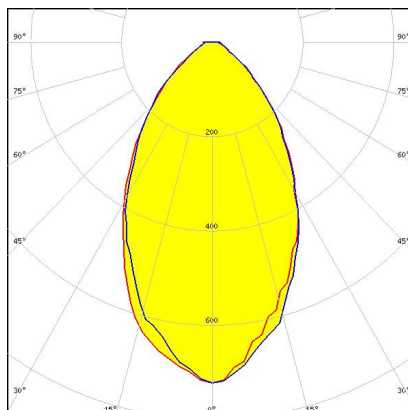
#### FA11903\_TINA3-WW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.10 mm**

~55° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

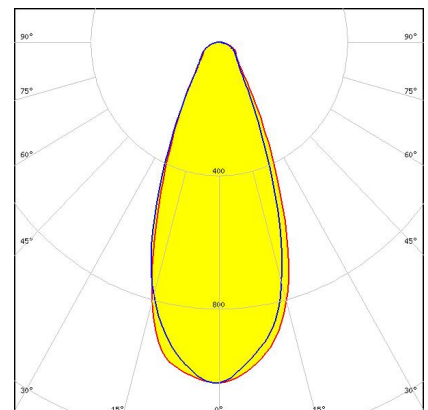
#### CA13045\_TINA3-WWW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.29 mm**

~70° very wide beam. Assembly with holder and installation tape.

#### FA11902\_TINA3-W

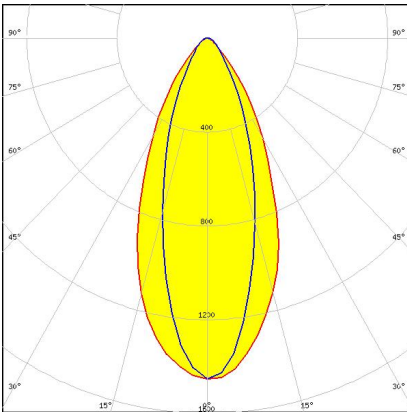


**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.30 mm**

~40° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

### PRODUCTS:

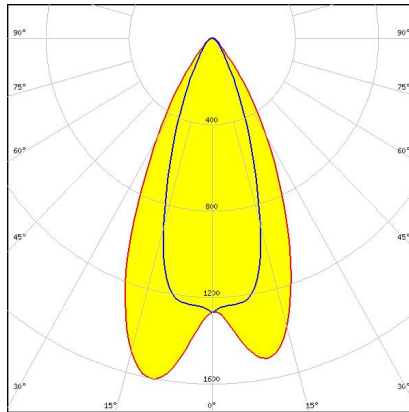
#### CA13044\_TINA3-OO



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.29 mm**

~60° + 40° oval beam. Assembly with holder and installation tape.

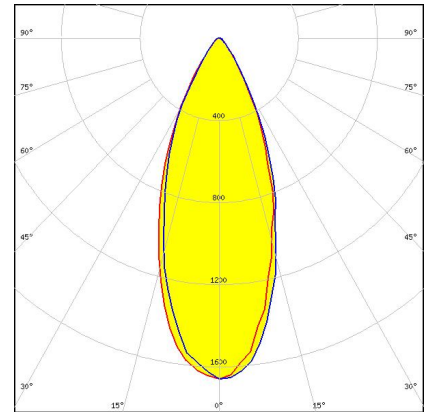
#### FA11870\_TINA3-OO



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~60° + 40° oval beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

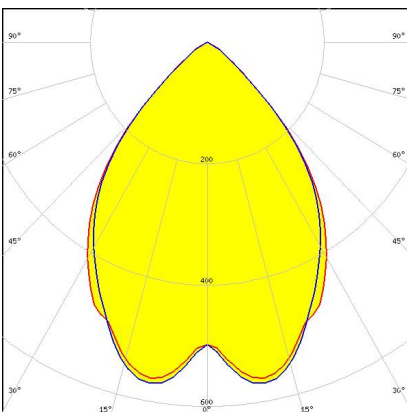
#### CA13043\_TINA3-W



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.29 mm**

~40° wide beam. Assembly with holder and installation tape.

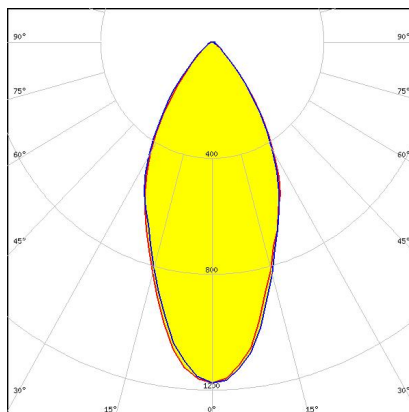
#### FA11826\_TINA3-WWW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~70° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

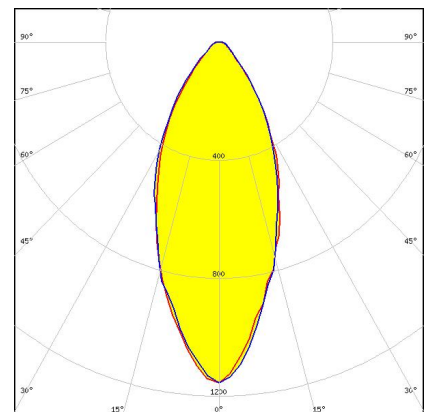
#### CA12892\_TINA3-WW



**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 7.29 mm**

~55° wide beam. Assembly with holder and installation tape.

#### FA11825\_TINA3-WW

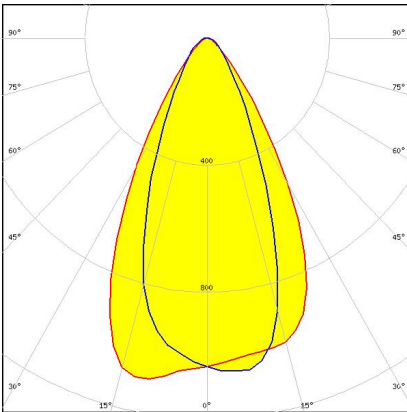


**Dimensions: 16.1 mm x 16.1 mm**  
**Height: 6.90 mm**

~55° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

### PRODUCTS:

#### CA12429\_TINA3-OO



**Dimensions: 16.1 mm x 16.1 mm**

**Height: 6.90 mm**

~60° + 40° oval beam. Assembly with holder, installation tape and location pins.

### 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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