

### SITARA

Cost efficient lenses for street and industrial lighting with flat 5050 size high-power LED packages

SITARA is a cost efficient street lighting lens family. Single lenses are 18 x 18 mm in size, and standardized 50 x 50 mm 2X2 lens arrays come with an integrated silicone gasket for dusty and dump environments with up to IP67 ingress protection. Lenses are made from polycarbonate (PC), and are optimized for flat high-power 5050 size LED packages.

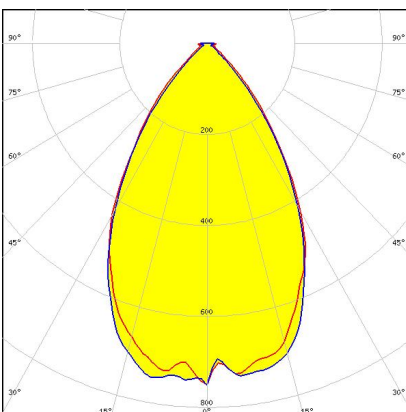
### SITARA

18 x 18 mm single lenses



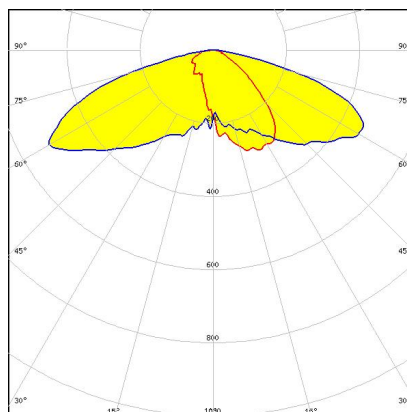
### PRODUCTS:

#### C16735\_SITARA-HB-M



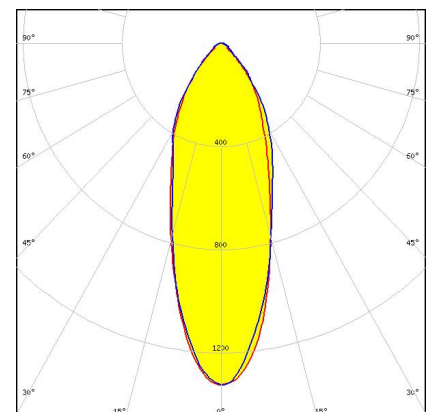
**Dimensions: 18.0 mm x 18.0 mm**  
**Height: 5.70 mm**  
~65° wide beam

#### C16374\_SITARA-T2



**Dimensions: 18.0 mm x 18.0 mm**  
**Height: 7.70 mm**  
IESNA Type II (medium) beam,  
applicable for European P-class standard  
pedestrian lighting and M-class roads.

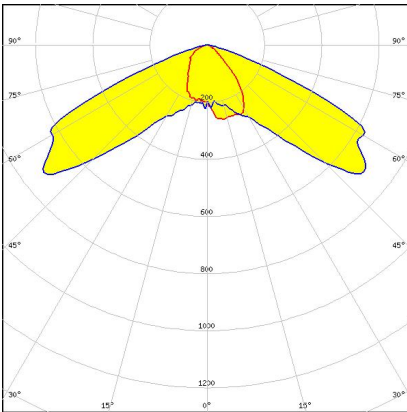
#### C16734\_SITARA-HB-S



**Dimensions: 18.0 mm x 18.0 mm**  
**Height: 5.00 mm**  
~35° spot beam

## PRODUCTS:

### C16373\_SITARA-T1-A



**Dimensions: 18.0 mm x 18.0 mm**

**Height: 5.90 mm**

Asymmetric IESNA Type I (short) beam  
designed for tilted poles. Suitable for  
Indian EESL specification.

### 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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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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#### 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

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