

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 ingress protection. Lenses are made from polycarbonate (PC), and are optimized for flat high-power 5050 size LED packages.

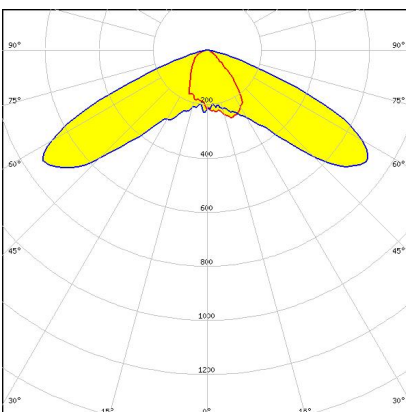
SITARA

18 x 18 mm single lenses



PRODUCTS:

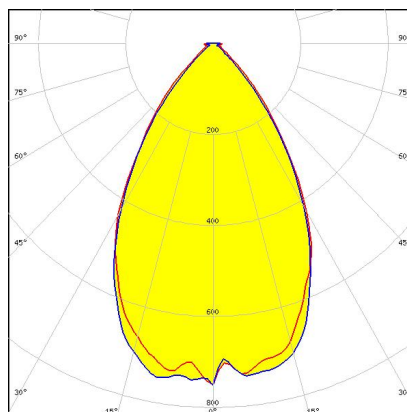
C16373_SITARA-T1-A



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.

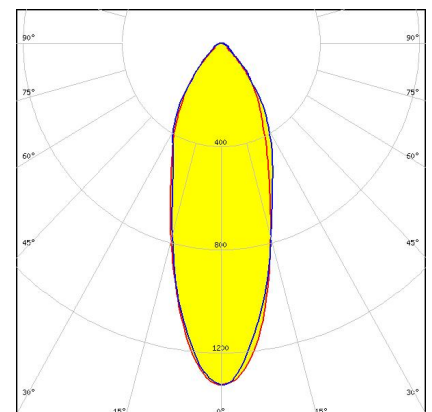
C16735_SITARA-HB-M



Dimensions: 18.0 mm x 18.0 mm
Height: 5.70 mm

~65° wide beam

C16734_SITARA-HB-S

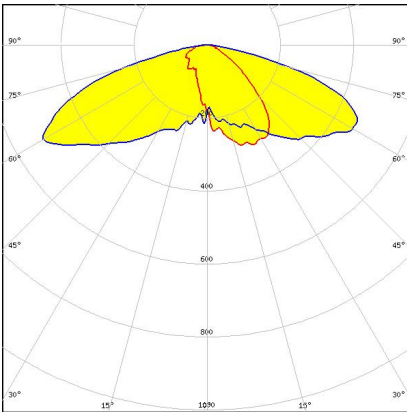


Dimensions: 18.0 mm x 18.0 mm
Height: 5.00 mm

~35° spot beam

PRODUCTS:

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.

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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