STRADELLA

Cost efficient and dense lens arrays for street, area and industrial lighting

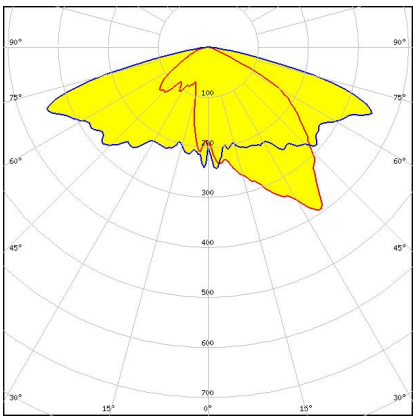
STRADELLA is a cost-efficient product family of single lenses and dense lens arrays for street, area and industrial lighting. Bigger lens arrays come with an integrated silicone gasket for dusty and dump environments with ingress protection. Offering a huge amount of light from a relatively small area they are an ideal option for up to 3535 size mid- and high-power LEDs and CSP LEDs.

STRADELLA-16

50 x 50 mm 16 lens array for up to 3535 size mid-power LEDs

PRODUCTS:

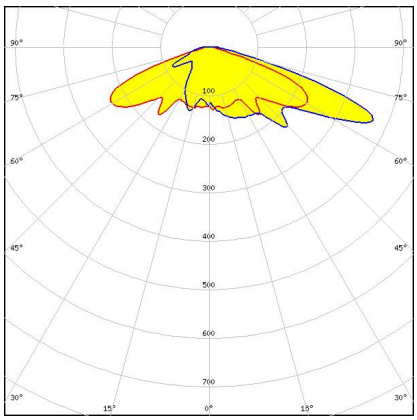
C16503_STRADELLA-16-T3



Dimensions: 49.5 mm x 49.5 mm
Height: 3.70 mm

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height

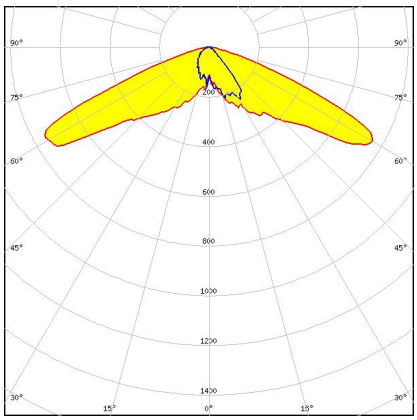
C17086_STRADELLA-16-T4



Dimensions: 49.5 mm x 49.5 mm
Height: 5.30 mm

IESNA Type IV for wider roads and area lighting like car parks and yards.

C16414_STRADELLA-16-T1-A-PC



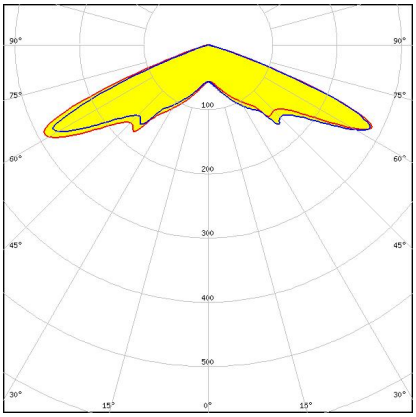
Dimensions: 49.5 mm x 49.5 mm
Height: 4.30 mm

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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PRODUCTS:

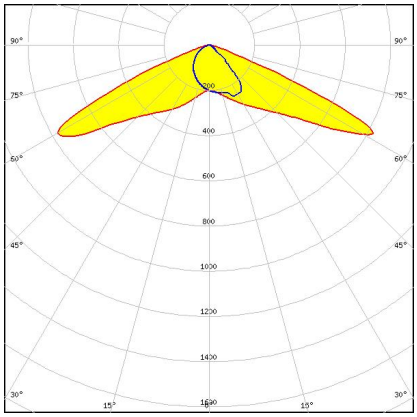
C17085_STRADELLA-16-VSM



Dimensions: 49.5 mm x 49.5 mm
Height: 4.20 mm

IESNA Type V (square) beam for wide areas such as car parks.

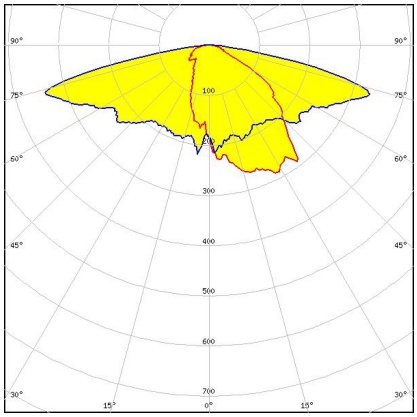
C16220_STRADELLA-16-T1-A



Dimensions: 49.5 mm x 49.5 mm
Height: 4.30 mm

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

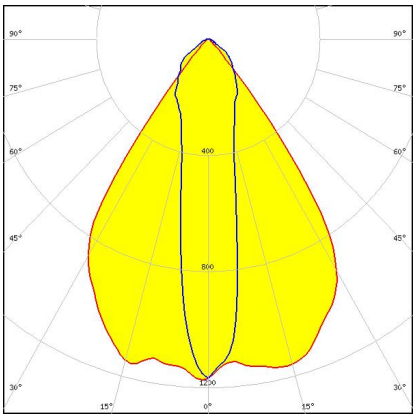
C16959_STRADELLA-16-SCL



Dimensions: 49.5 mm x 49.5 mm
Height: 4.36 mm

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-classes.

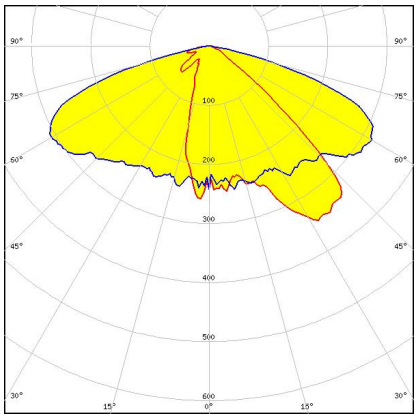
C16156_STRADELLA-16-HB-O



Dimensions: 49.5 mm x 49.5 mm
Height: 8.28 mm

Oval beam for high bay aisles

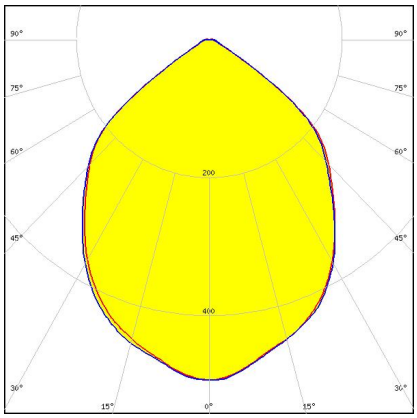
C16958_STRADELLA-16-ME



Dimensions: 49.5 mm x 49.5 mm
Height: 4.90 mm

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height.

C15432_STRADELLA-16-HB-W



Dimensions: 49.5 mm x 49.5 mm
Height: 7.10 mm

~90° wide beam for industrial applications

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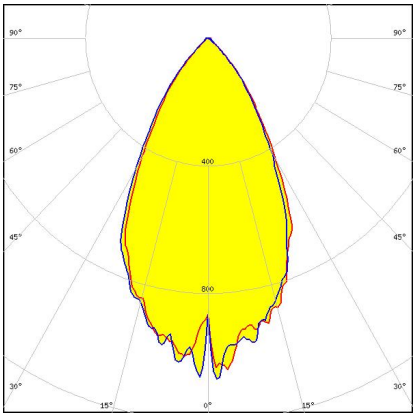
PRODUCTS:

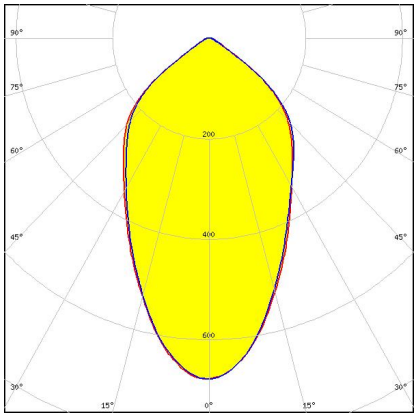
C16800_STRADELLA-16-HB-M2



Dimensions: 49.5 mm x 49.5 mm
Height: 3.20 mm

~60° medium beam for industrial applications. Improved version with excellent cutoff and low glare.

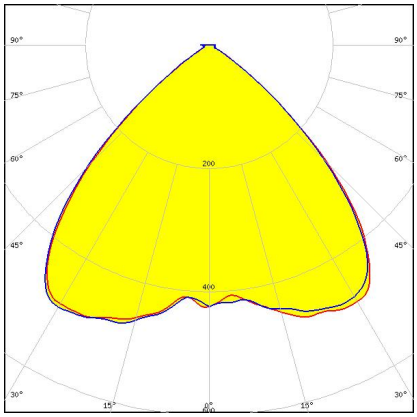
C15431_STRADELLA-16-HB-M



Dimensions: 49.5 mm x 49.5 mm
Height: 6.80 mm

~60° medium beam for industrial applications

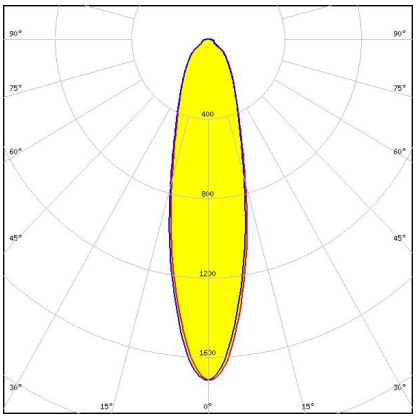
C16799_STRADELLA-16-HB-W2



Dimensions: 49.5 mm x 49.5 mm
Height: 3.20 mm

~90° medium beam for industrial applications. Improved version with excellent cutoff and low glare.

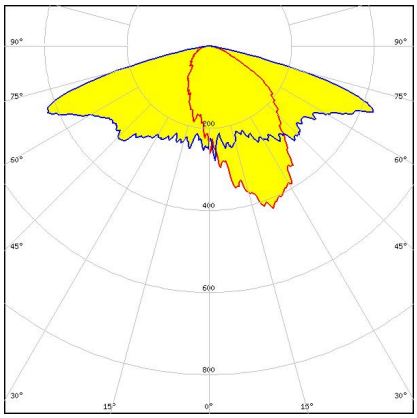
C15430_STRADELLA-16-HB-S



Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm

~25° spot beam for industrial applications

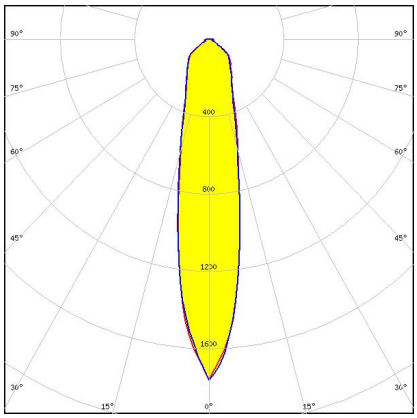
C16751_STRADELLA-16-T2



Dimensions: 49.5 mm x 49.5 mm
Height: 4.70 mm

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads

C16599_STRADELLA-16-HB-S-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm

~25° spot beam for industrial applications. Variant made from PC.

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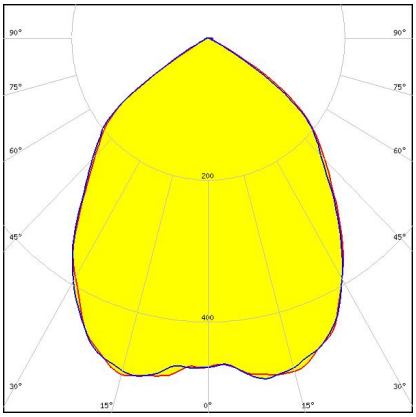
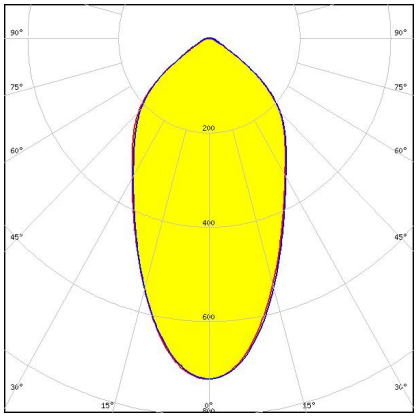
PRODUCTS:

C16598_STRADELLA-16-HB-W-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 7.10 mm
~90° wide beam for industrial applications. Varian made from PC.

C16597_STRADELLA-16-HB-M-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm
~60° medium beam for industrial applications. Variant made from PC.

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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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