STRADELLA

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

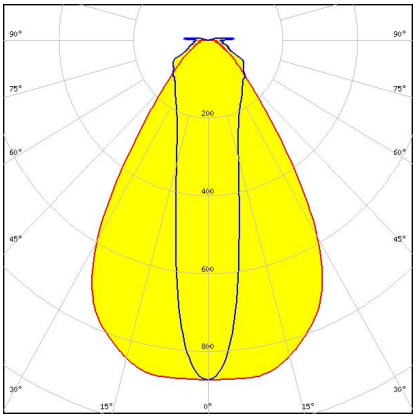
STRADELLA is a cost-efficient product family of single lenses and dense lens arrays for street, area and industrial lighting. Bigger lens arrays come with an integrated silicone gasket for dusty and dump environments with ingress protection. Offering a huge amount of light from a relatively small area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

STRADELLA-8

50 x 50 mm 8 lens array for up to 3535 size mid- and high-power LEDs

PRODUCTS:

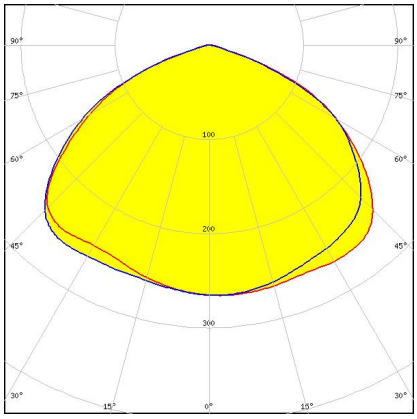
C16118_STRADELLA-8-HV-HB-O



Dimensions: 49.5 mm x 49.5 mm
Height: 8.20 mm

Oval beam for high bay aisles. Variant with improved creepage distance for high voltage circuit design.

C15920_STRADELLA-8-HV-CY



Dimensions: 49.5 mm x 49.5 mm
Height: 4.91 mm

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Variant with improved creepage distance for high voltage circuit

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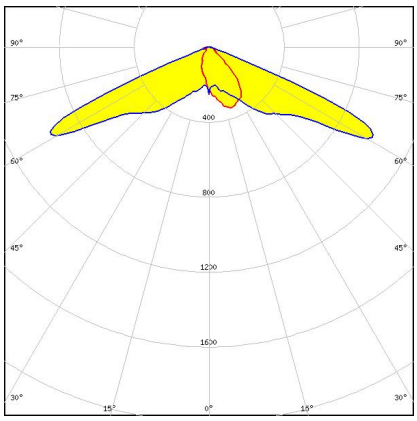
C16005_STRADELLA-8-T1-A



Dimensions: 49.5 mm x 49.5 mm
Height: 5.32 mm

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

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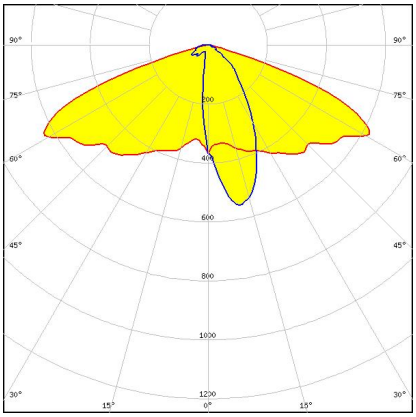
PRODUCTS:

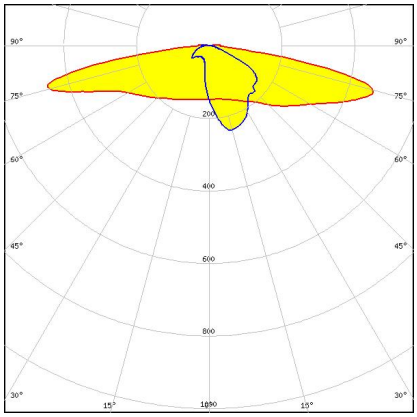
C16052_STRADELLA-8-HV-ME-N



Dimensions: 49.5 mm x 49.5 mm
Height: 5.96 mm

Beam designed for high poles and fulfilling EN13201 M-class requirements where road width is less than the pole height. Variant with improved creepage distance for high voltage circuit design.

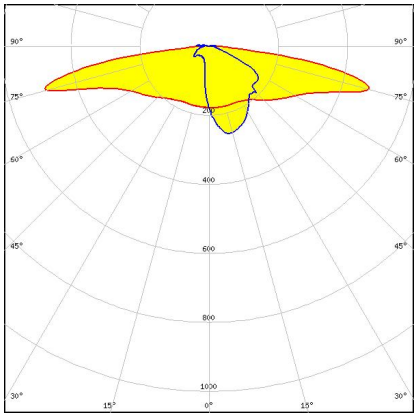
C15677_STRADELLA-8-SCL



Dimensions: 49.5 mm x 49.5 mm
Height: 5.40 mm

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

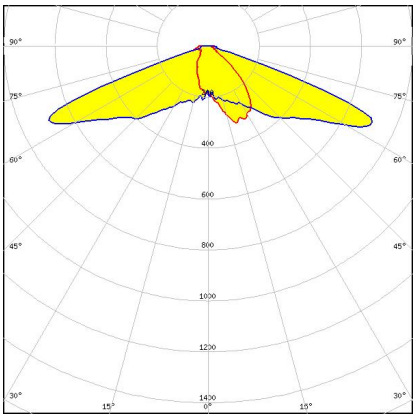
C15987_STRADELLA-8-HV-SCL



Dimensions: 49.5 mm x 49.5 mm
Height: 5.40 mm

Type II/III (long) beam for very wide pole to pole distances. Ideal for pedestrian paths and residential roads. EN13201 P-class. Variant with improved creepage distance for high voltage circuit design

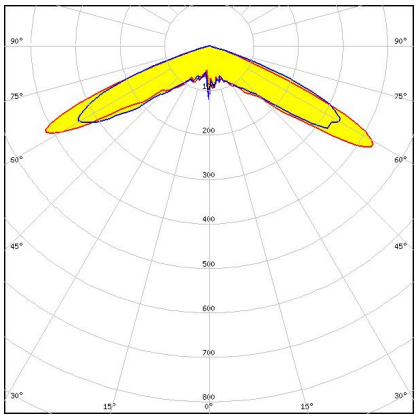
C16051_STRADELLA-8-HV-T1-A



Dimensions: 49.5 mm x 49.5 mm
Height: 5.25 mm

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification. Variant with improved creepage distance for high voltage circuit design.

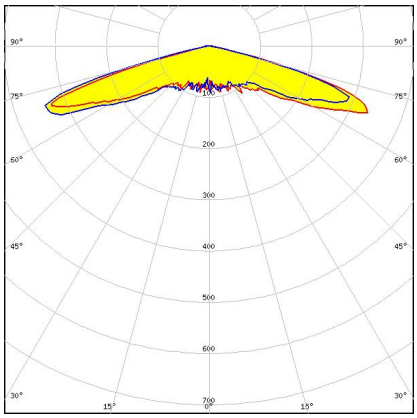
C15481_STRADELLA-8-VSM



Dimensions: 49.5 mm x 49.5 mm
Height: 4.70 mm

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

C15986_STRADELLA-8-HV-VSM



Dimensions: 49.5 mm x 49.5 mm
Height: 5.50 mm

IESNA Type V (square) beam for wide areas lighting such as car parks. Variant with improved creepage distance for high voltage circuit designs.

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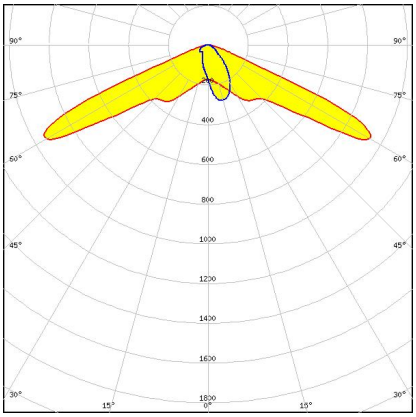
PRODUCTS:

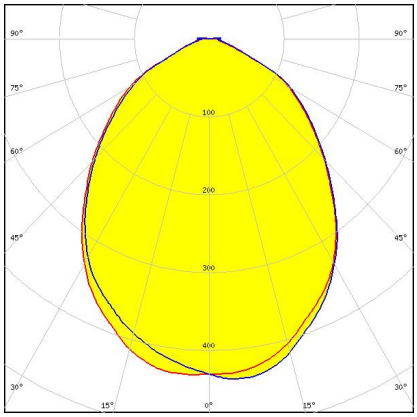
C16045_STRADELLA-8-T1-A-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 5.32 mm

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

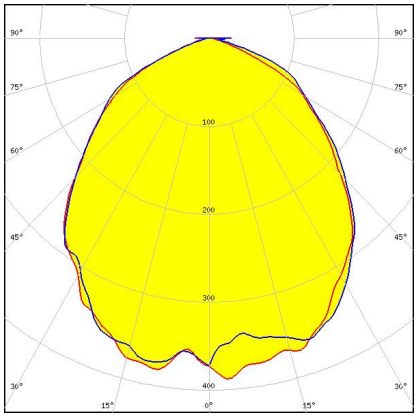
C15185_STRADELLA-8-HB-W



Dimensions: 49.5 mm x 49.5 mm
Height: 7.12 mm

~90° wide beam for industrial applications

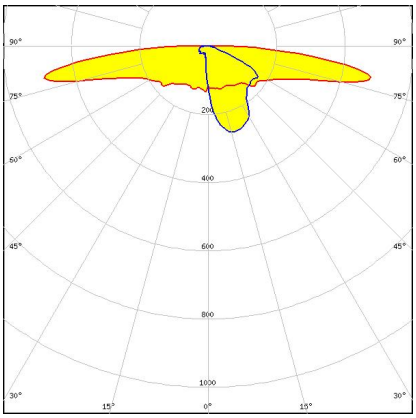
C15985_STRADELLA-8-HV-HB-W



Dimensions: 49.5 mm x 49.5 mm
Height: 7.12 mm

~85° wide beam for industrial applications. Variant with improved creepage distance for high voltage circuit designs.

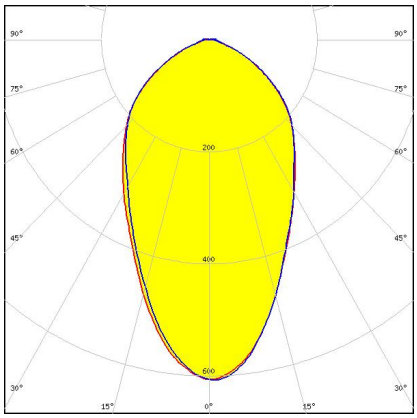
C16043_STRADELLA-8-SCL-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 5.40 mm

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

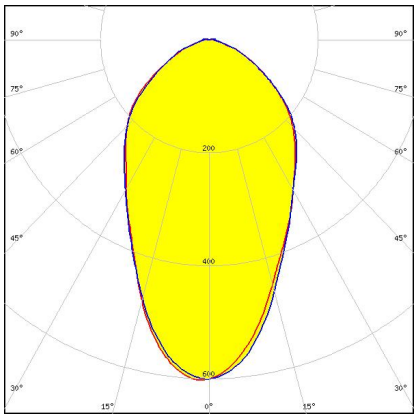
C15184_STRADELLA-8-HB-M



Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

~60° medium beam for industrial applications

C15984_STRADELLA-8-HV-HB-M



Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

~65° medium beam for industrial applications. Variant with improved creepage distance for high voltage circuit designs.

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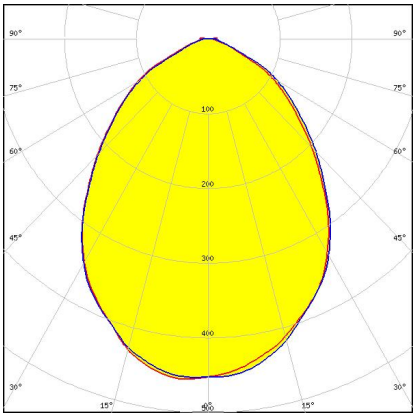
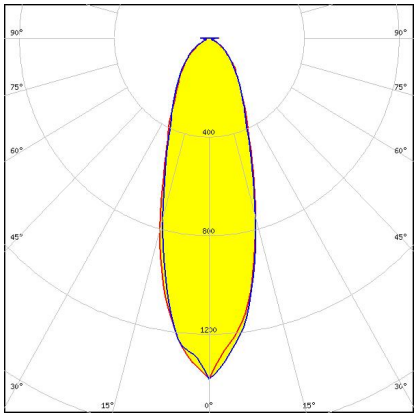
PRODUCTS:

C16042_STRADELLA-8-HB-W-PC



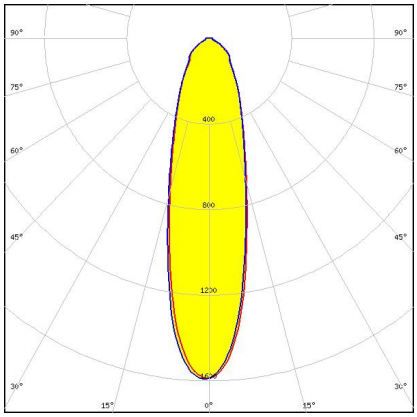
Dimensions: 49.5 mm x 49.5 mm
Height: 7.12 mm
~90° wide beam for industrial applications. Variant made from PC.

C15183_STRADELLA-8-HB-S



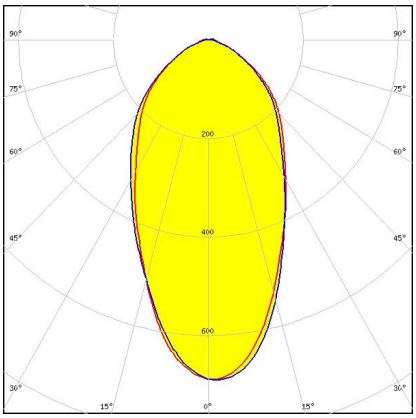
Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm
~25° spot beam for industrial applications

C15983_STRADELLA-8-HV-HB-S



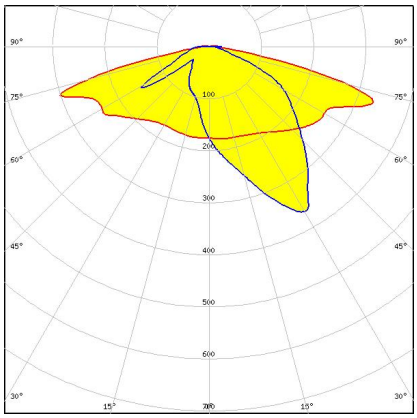
Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm
~25° spot beam for industrial applications. Variant with improved creepage distance for high voltage circuit designs.

C16041_STRADELLA-8-HB-M-PC



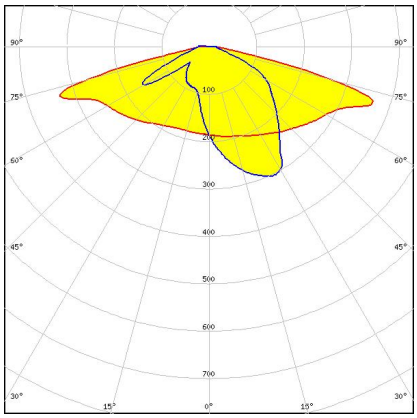
Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm
~60° medium beam for industrial applications. Variant made from PC.

C15035_STRADELLA-8-T3



Dimensions: 49.5 mm x 49.5 mm
Height: 5.00 mm
IESNA Type III (medium) beam for typical road lighting setups

C15982_STRADELLA-8-HV-T3



Dimensions: 49.5 mm x 49.5 mm
Height: 4.95 mm
IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant with improved creepage distance for high voltage circuit designs.

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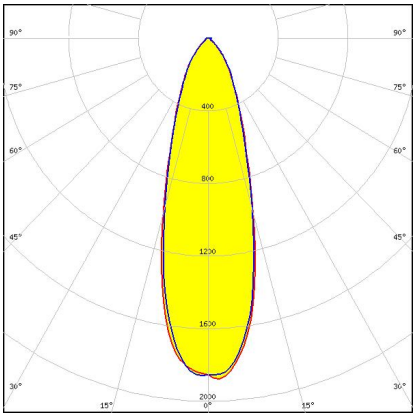
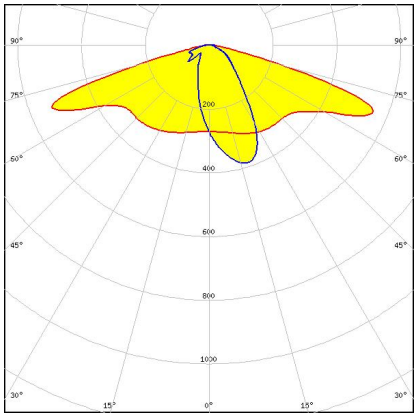
PRODUCTS:

C16040_STRADELLA-8-HB-S-PC



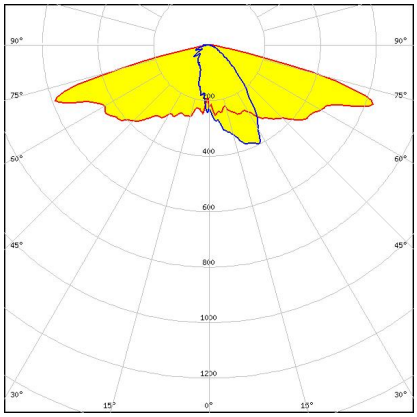
Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm
~25° spot beam for industrial applications. Variant made from PC.

C15034_STRADELLA-8-T2



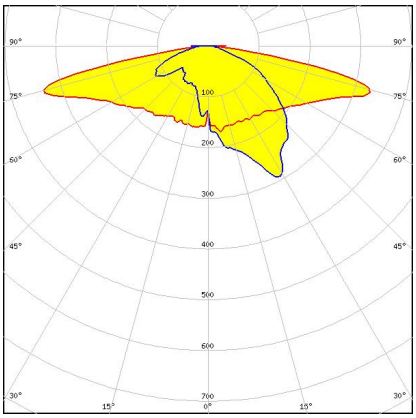
Dimensions: 49.5 mm x 49.5 mm
Height: 5.00 mm
IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads

C15981_STRADELLA-8-HV-T2



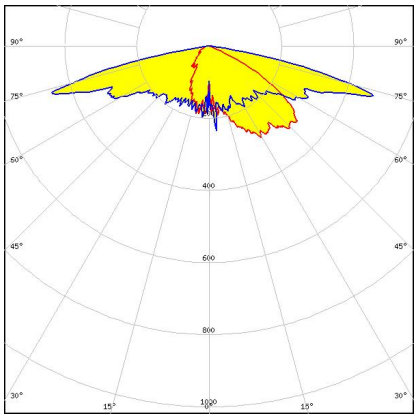
Dimensions: 49.5 mm x 49.5 mm
Height: 4.95 mm
IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads. Variant with improved creepage distance for high voltage circuit designs.

C16039_STRADELLA-8-T3-PC



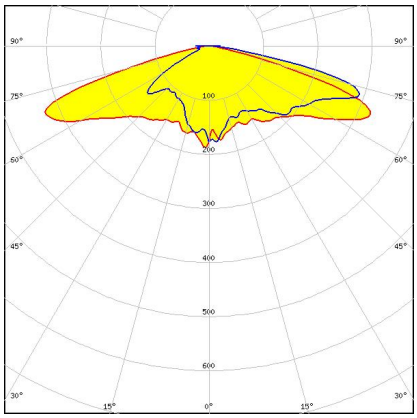
Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm
IESNA Type III (medium) beam for typical road lighting setups. Variant made from PC.

C16226_STRADELLA-8-HV-ME



Dimensions: 49.5 mm x 49.5 mm
Height: 5.50 mm
Fulfils EN13201 M-class requirements where road width is â‰¤ the pole height. Excellent longitudinal luminance uniformity. Variant with improved creepage distance for high voltage circuit design.

C15960_STRADELLA-8-HV-T4B



Dimensions: 49.5 mm x 49.5 mm
Height: 5.80 mm
Wide IESNA Type IV forward-throw beam for wide area lighting like car parks. Variant with improved creepage distance for high voltage circuit designs.

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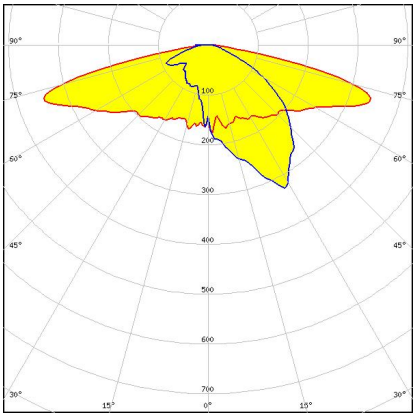
PRODUCTS:

C16038_STRADELLA-8-T2-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

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