

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 damp 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.

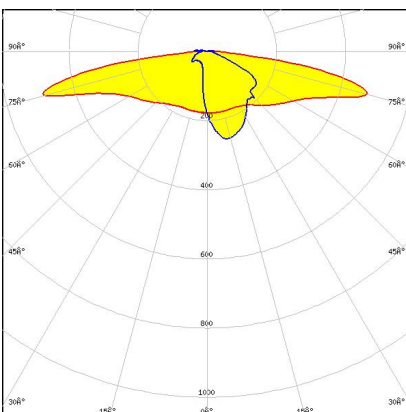
STRADELLA-8

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



PRODUCTS:

C15987_STRADELLA-8-HV-SCL

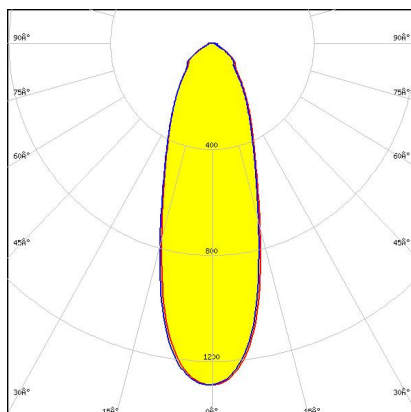


Dimensions: 49.5 mm x 49.5 mm

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

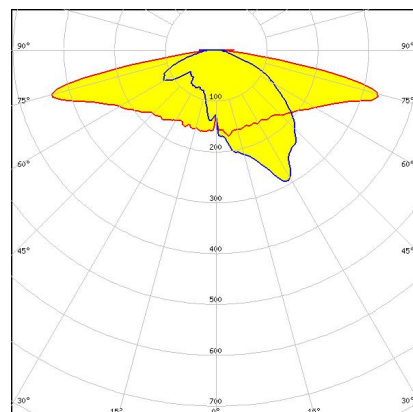
C15183_STRADELLA-8-HB-S



Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm

~25° spot beam for industrial applications

C16039_STRADELLA-8-T3-PC

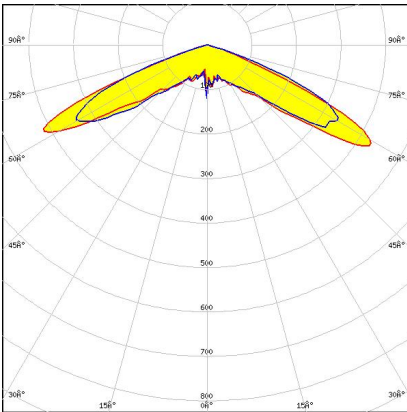


Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

IESNA Type III (medium) beam for typical road lighting setups. Variant made from PC.

PRODUCTS:

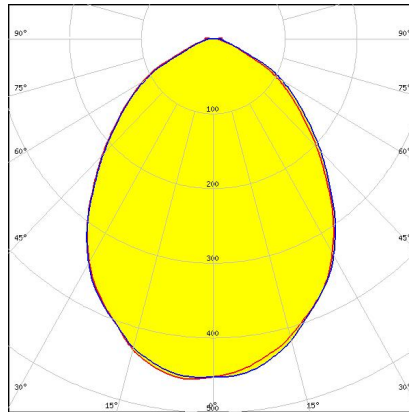
C15481_STRADELLA-8-VSM



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

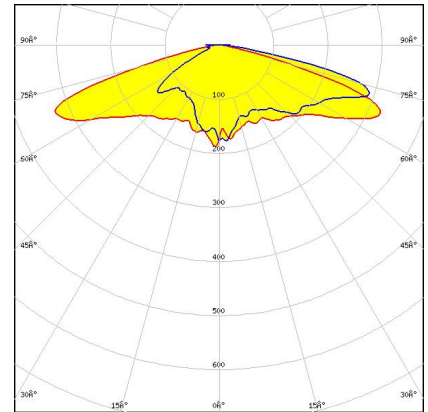
C16042_STRADELLA-8-HB-W-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 7.12 mm

~90° wide beam for industrial applications. Variant made from PC.

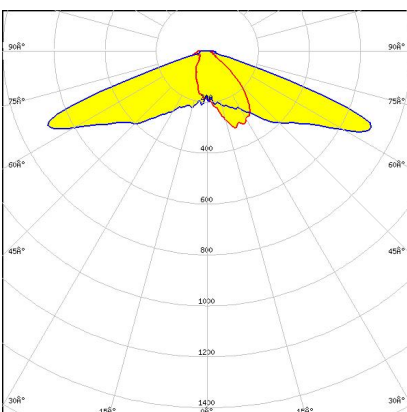
C15960_STRADELLA-8-HV-T4B



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.

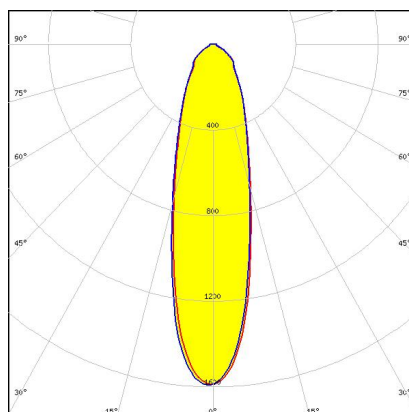
C16051_STRADELLA-8-HV-T1-A



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.

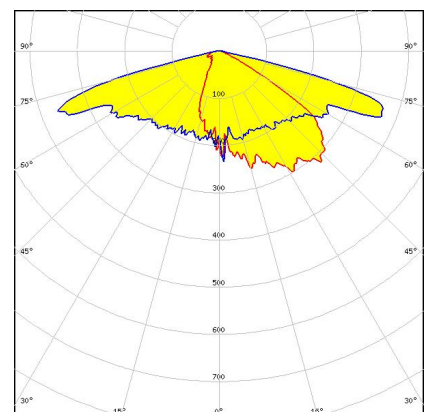
C15983_STRADELLA-8-HV-HB-S



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.

C16226_STRADELLA-8-HV-ME

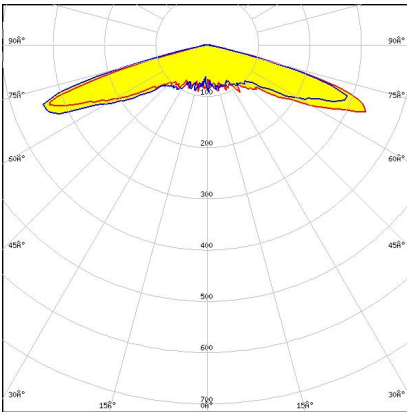


Dimensions: 49.5 mm x 49.5 mm
Height: 5.50 mm

Fulfills EN13201 M-class requirements where road width is yhtpie the pole height. Excellent longitudinal luminance uniformity. Variant with improved creepage distance for high voltage circuit design.

PRODUCTS:

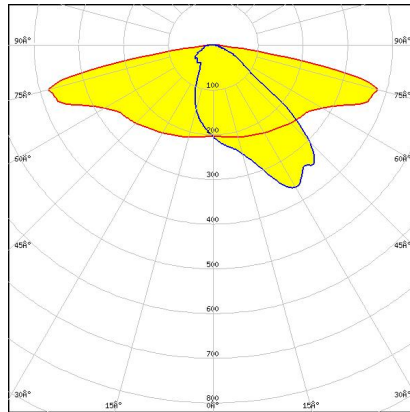
C15986_STRADELLA-8-HV-VSM



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.

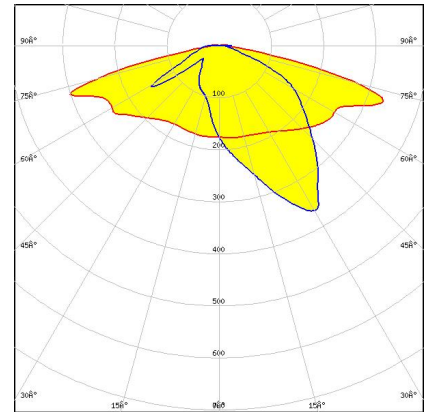
C19813_STRADELLA-8-HV-MEW3



Dimensions: 49.5 mm x 49.5 mm
Height: 5.24 mm

Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

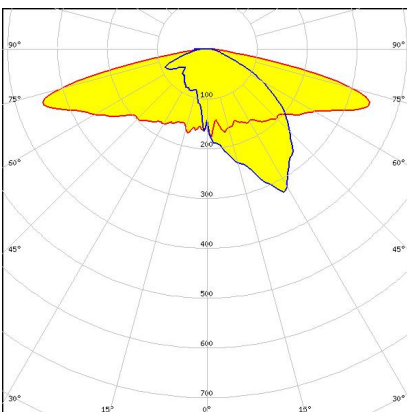
C15035_STRADELLA-8-T3



Dimensions: 49.5 mm x 49.5 mm
Height: 5.00 mm

IESNA Type III (medium) beam for typical road lighting setups

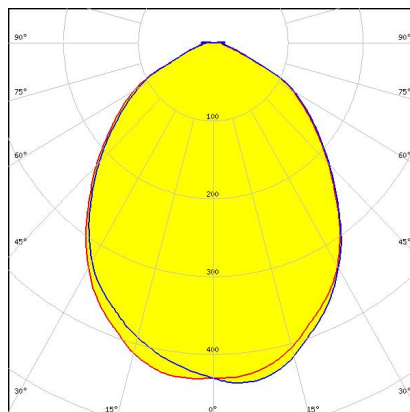
C16038_STRADELLA-8-T2-PC



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.

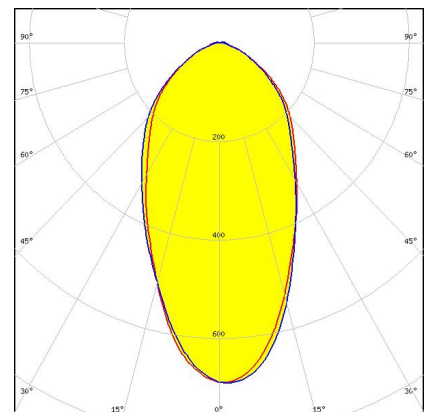
C15185_STRADELLA-8-HB-W



Dimensions: 49.5 mm x 49.5 mm
Height: 7.12 mm

~90° wide beam for industrial applications

C16041_STRADELLA-8-HB-M-PC

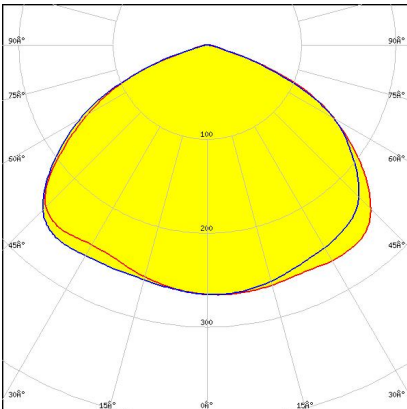


Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

~60° medium beam for industrial applications. Variant made from PC.

PRODUCTS:

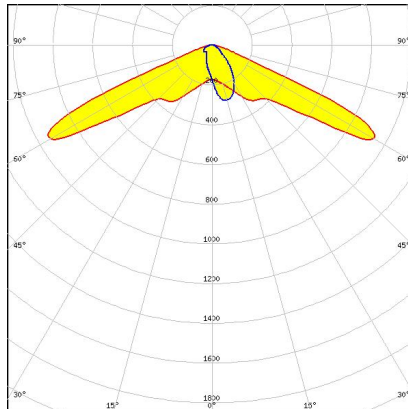
C15920_STRADELLA-8-HV-CY



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 designs.

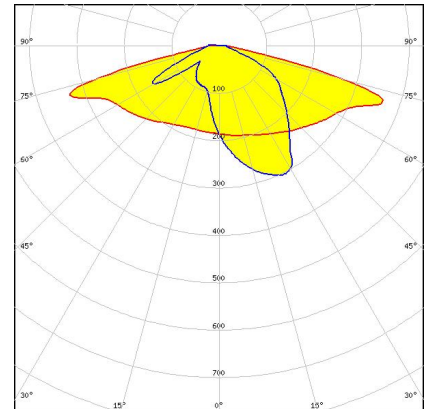
C16045_STRADELLA-8-T1-A-PC



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.

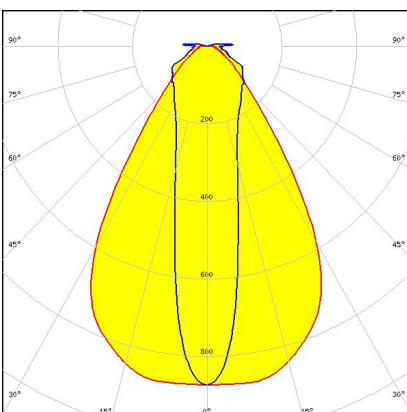
C15982_STRADELLA-8-HV-T3



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.

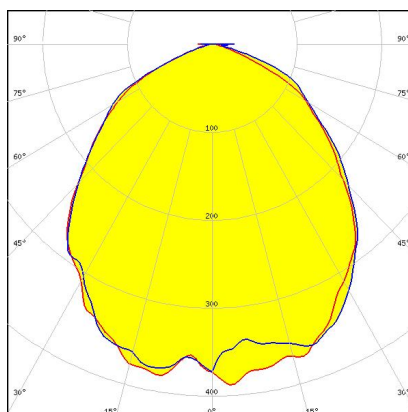
C16118_STRADELLA-8-HV-HB-O



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.

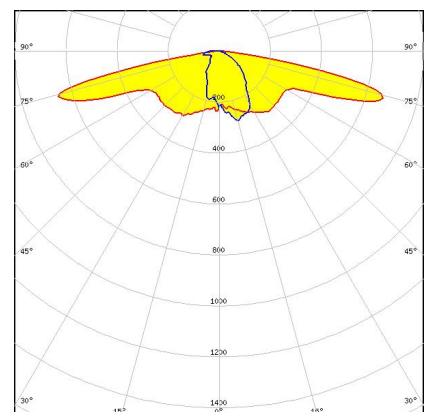
C15985_STRADELLA-8-HV-HB-W



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.

C18437_STRADELLA-8-HV-ME3

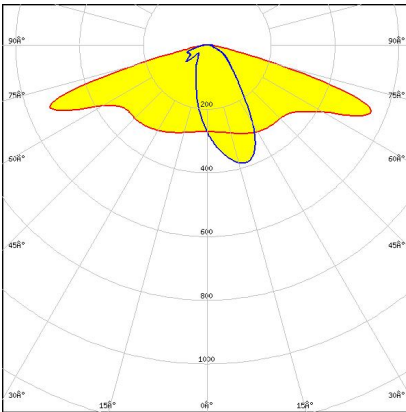


Dimensions: 49.5 mm x 49.5 mm
Height: 5.61 mm

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

PRODUCTS:

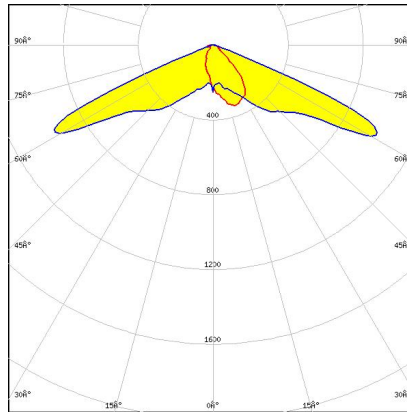
C15034_STRADELLA-8-T2



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

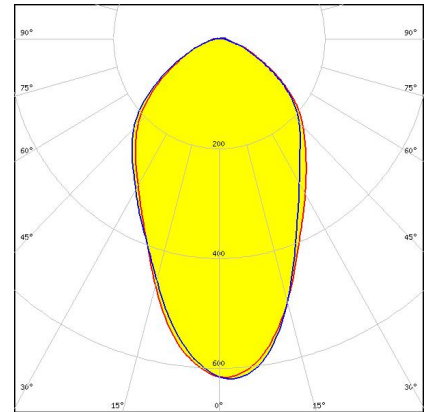
C16005_STRADELLA-8-T1-A



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.

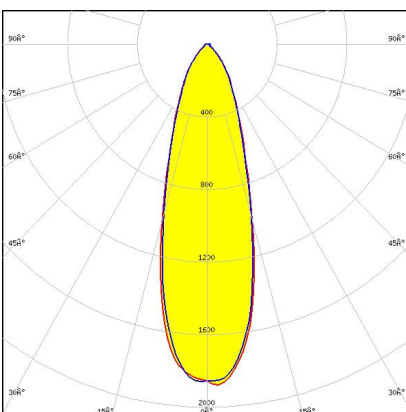
C15184_STRADELLA-8-HB-M



Dimensions: 49.5 mm x 49.5 mm
Height: 5.70 mm

~60° medium beam for industrial applications

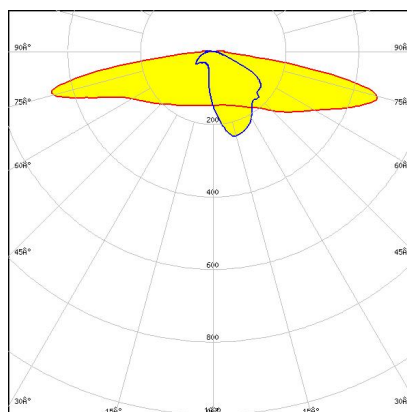
C16040_STRADELLA-8-HB-S-PC



Dimensions: 49.5 mm x 49.5 mm
Height: 7.50 mm

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

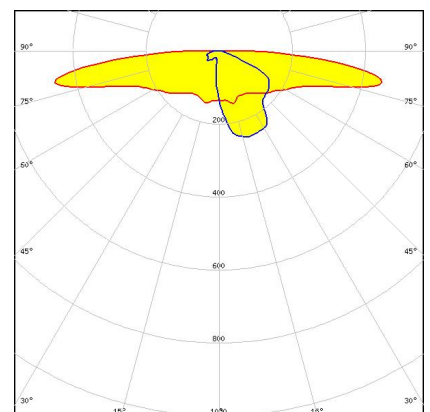
C15677_STRADELLA-8-SCL



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.

C16043_STRADELLA-8-SCL-PC

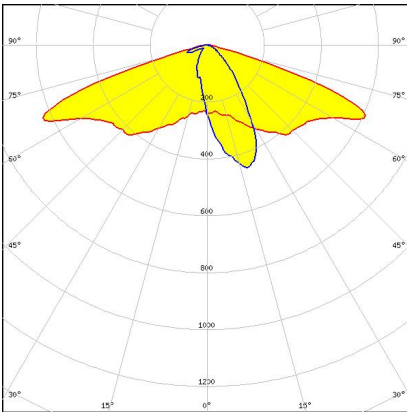


Dimensions: 49.5 mm x 49.5 mm
Height: 5.40 mm

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.

PRODUCTS:

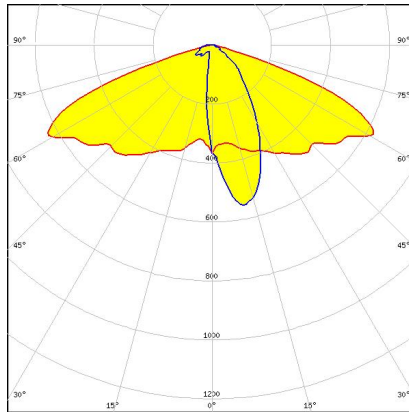
C15981_STRADELLA-8-HV-T2



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.

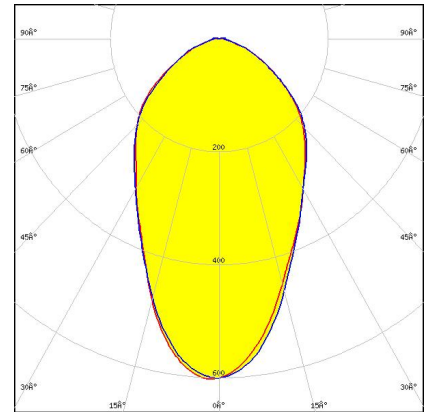
C16052_STRADELLA-8-HV-ME-N



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.

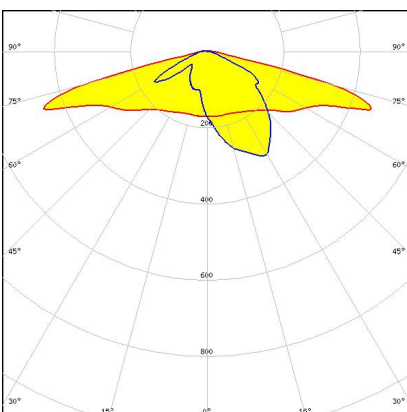
C15984_STRADELLA-8-HV-HB-M



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.

C17836_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

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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