LEDiL®

PRODUCT FAMILY DATASHEET
STRADA-2X2

STRADA

The most versatile modular product family especially designed for street lighting, but also suitable for wide range of other applications

STRADA is LEDiL`s most comprehensive product family with a wide variety of different beams suitable for both outdoor and indoor lighting. The standardized modules are available in 2X2 and 2X6 layouts as well as in two different single formats. 2X2MX features a standardized 90 x 90 mm footprint. The latest addition to the product family includes silicone versions for increased durability and thermal resistance. Being especially designed for street lighting they provide highly efficient and uniform lighting.

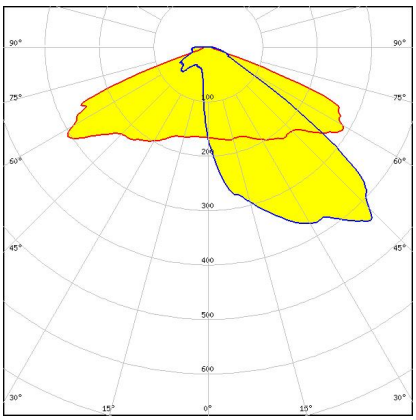


STRADA-2X2

50 x 50 mm 2X2 arrays for up to 5050 size LED packages

PRODUCTS:

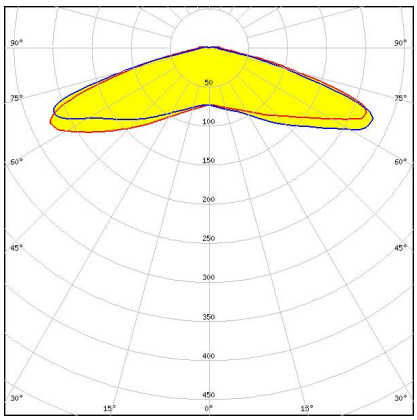
C15594_STRADA-2X2-MEW



Dimensions: 50.0 mm x 50.0 mm
Height: 10.16 mm

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

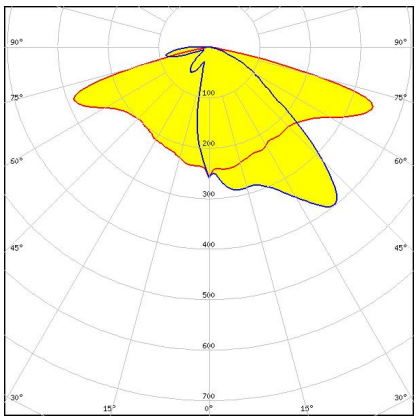
C14680_STRADA-2X2-VSM



Dimensions: 50.0 mm x 50.0 mm
Height: 6.14 mm

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

C17634_STRADA-2X2-LM2



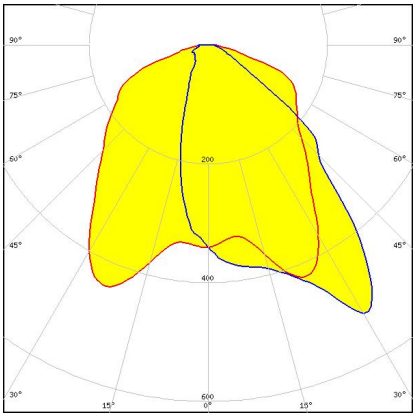
Dimensions: 50.0 mm x 50.0 mm
Height: 6.60 mm

Excellent longitudinal luminance uniformity for EN13201 M-class where road width is equal or less the pole height.

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

PRODUCTS:

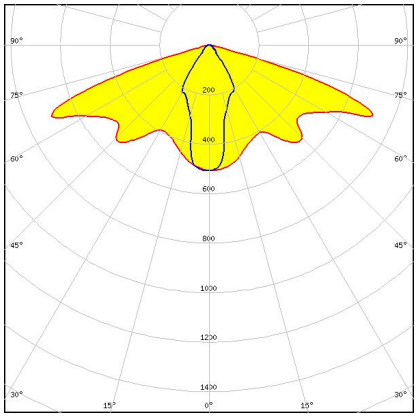
C13699_STRADA-2X2-DN



Dimensions: 50.0 mm x 50.0 mm
Height: 8.05 mm

Beam for area lighting with shorter illumination distances

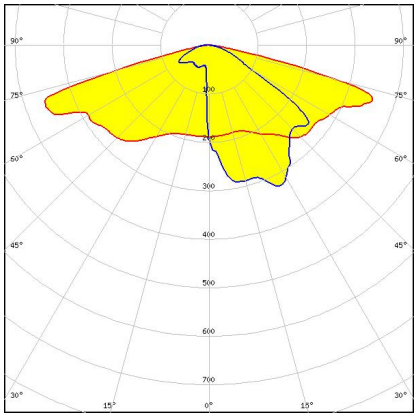
C16702_STRADA-2X2-CAT-B-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.73 mm

Narrow catenary street light beam, optimized for EN13201 M-classes and tilted poles. Variant made from PC.

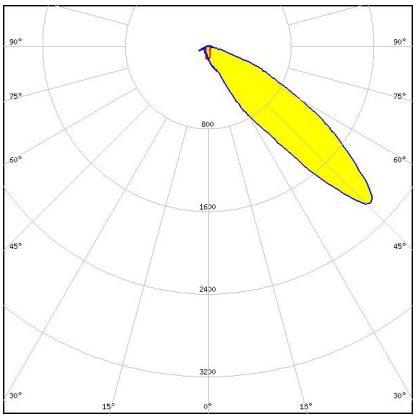
C15540_STRADA-2X2-T3-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Variant made from PC.

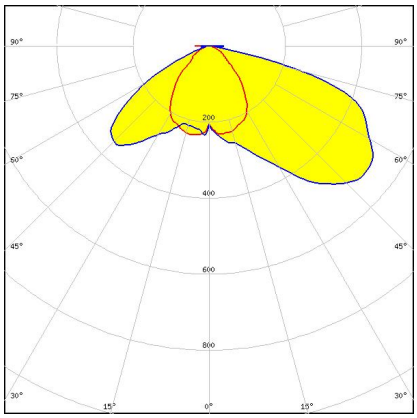
C14556_STRADA-2X2-TF



Dimensions: 50.0 mm x 50.0 mm
Height: 8.73 mm

Narrow forward throw beam optimized for European tunnels

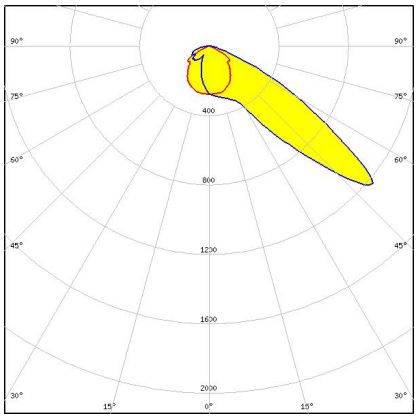
C17633_STRADA-2X2-DB



Dimensions: 50.0 mm x 50.0 mm
Height: 8.10 mm

Asymmetric beam for floodlighting the area between the railway tracks according to DB requirements.

C13604_STRADA-2X2-FN



Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm

Narrow forward throw beam for area lighting. Excellent for lighting stadiums and airports from high masts.

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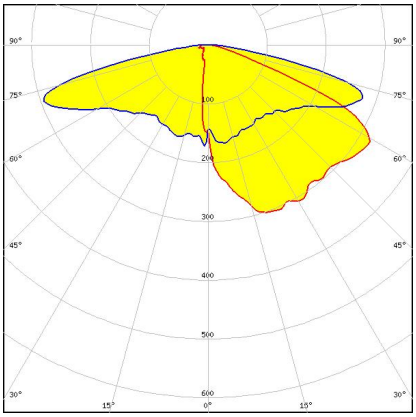
PRODUCTS:

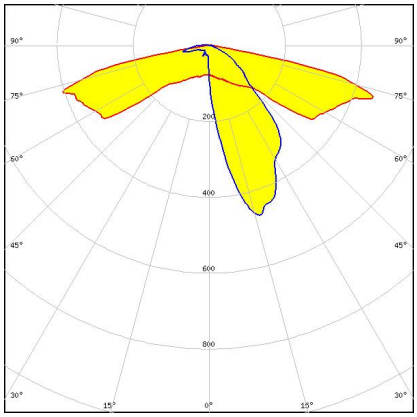
C16505_STRADA-2X2-T3-M



Dimensions: 50.0 mm x 50.0 mm
Height: 9.73 mm

IESNA Type III (medium) beam with excellent backlight control, illuminance uniformity and cutoff

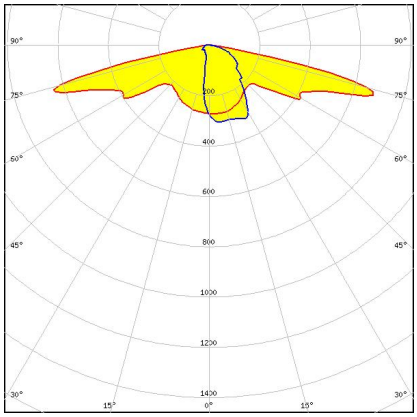
C15413_STRADA-2X2-T2-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

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

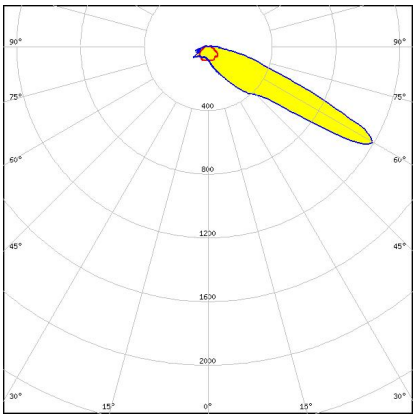
C14517_STRADA-2X2-DWC-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 6.00 mm

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III Medium. Variant made from PC.

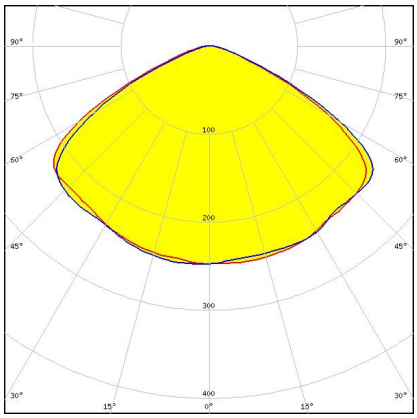
C17485_STRADA-2X2-FS3-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 12.00 mm

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method. Variant made from PC.

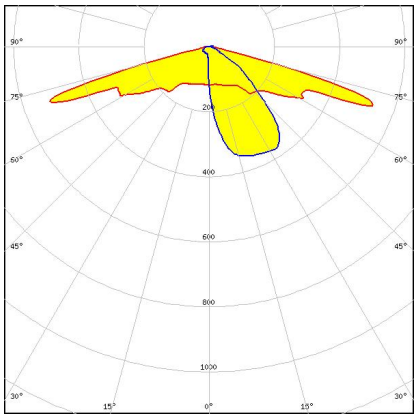
C13499_STRADA-2X2-CY



Dimensions: 50.0 mm x 50.0 mm
Height: 5.95 mm

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting.

C16504_STRADA-2X2-T2-M



Dimensions: 50.0 mm x 50.0 mm
Height: 11.85 mm

IESNA Type II (medium) beam with excellent backlight control, illuminance uniformity and cutoff

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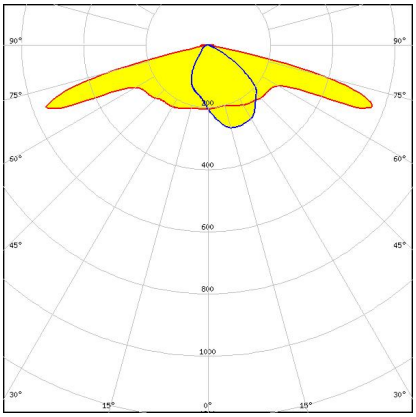
PRODUCTS:

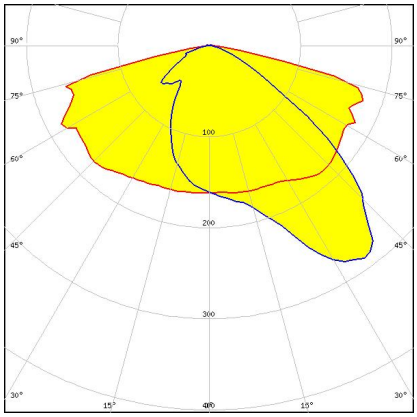
C15292_STRADA-2X2-T2-C



Dimensions: 50.0 mm x 50.0 mm
Height: 7.34 mm

IESNA Type II (medium) beam with added house side backlight. Designed for tilted and long armatures.

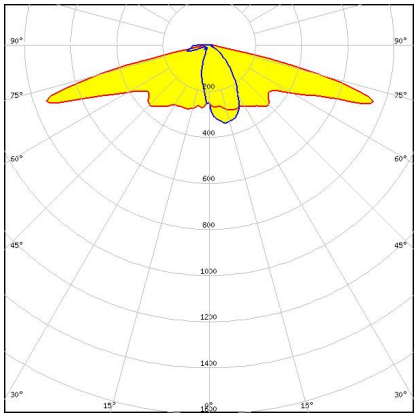
C14165_STRADA-2X2-ME-WIDE2



Dimensions: 50.0 mm x 50.0 mm
Height: 7.00 mm

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

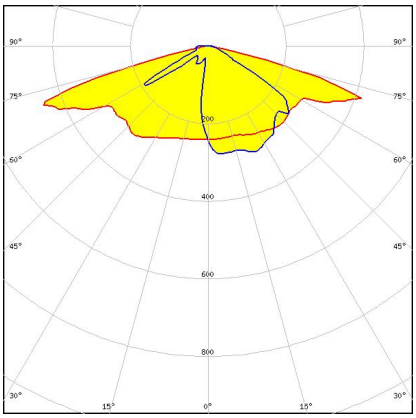
C17446_STRADA-2X2-LN1



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

Beam for EN13201 M-class requirements with high poles or where road width is equal or less the pole height.

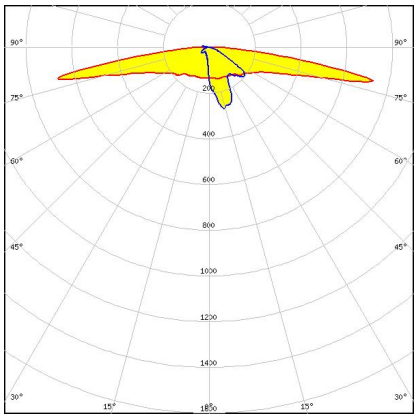
C13301_STRADA-2X2-T3



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

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

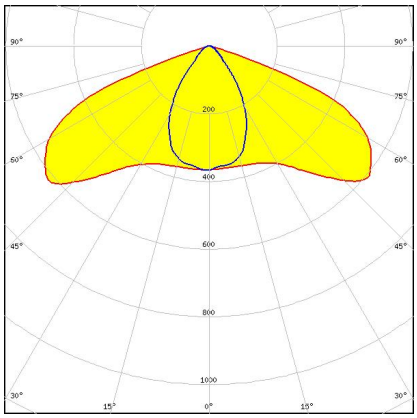
C16473_STRADA-2X2-SCL-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.80 mm

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

C15217_STRADA-2X2-CAT-B



Dimensions: 50.0 mm x 50.0 mm
Height: 7.73 mm

Narrow catenary street light beam, optimized for EN13201 M-classes and tilted poles

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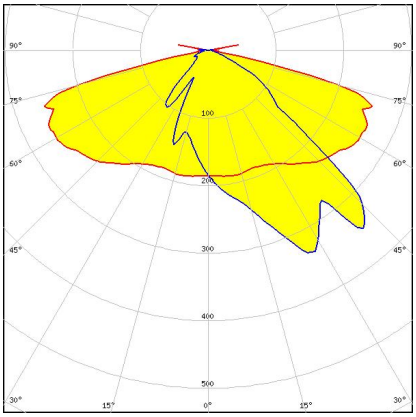
PRODUCTS:

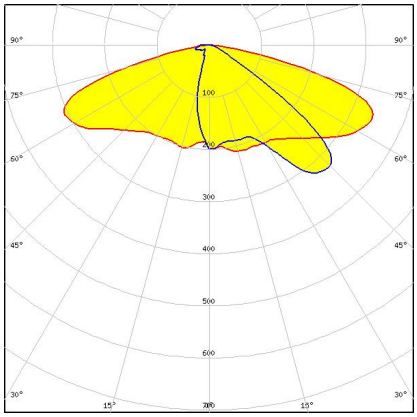
C14164_STRADA-2X2-ME-WIDE1



Dimensions: 50.0 mm x 50.0 mm
Height: 8.90 mm

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

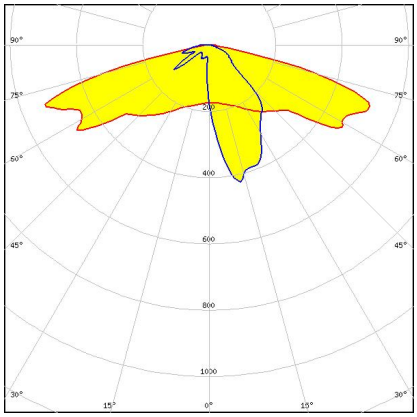
C17445_STRADA-2X2-J1-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

Low glare street lighting optic for European and Japanese requirements. Made from PC.

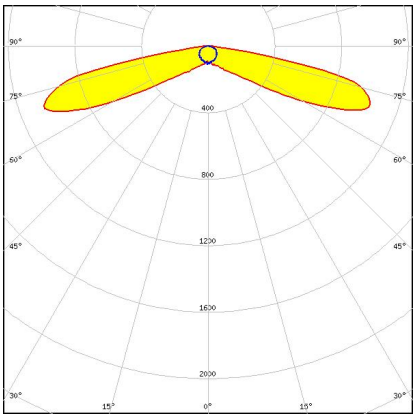
C13300_STRADA-2X2-T2



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

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

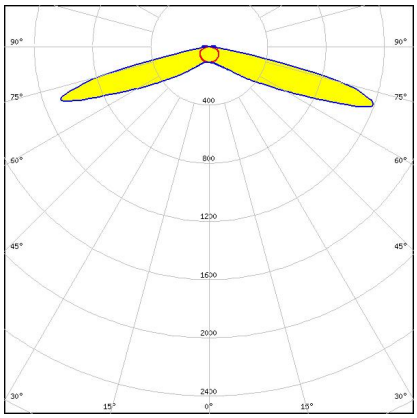
C16395_STRADA-2X2-T1-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 7.78 mm

Symmetric IESNA Type I (medium) beam for narrow roads and paths with long pole distance and tilted armature. Variant made from PC.

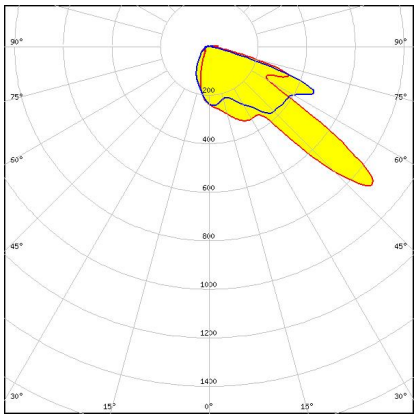
C15135_STRADA-2X2-T1



Dimensions: 50.0 mm x 50.0 mm
Height: 7.78 mm

Symmetric IESNA Type I (medium) beam for narrow roads and paths with long pole distance and tilted armature

C14116_STRADA-2X2-PX



Dimensions: 50.0 mm x 50.0 mm
Height: 8.00 mm

Fully asymmetric beam designed to highlight pedestrian crossings for right side traffic

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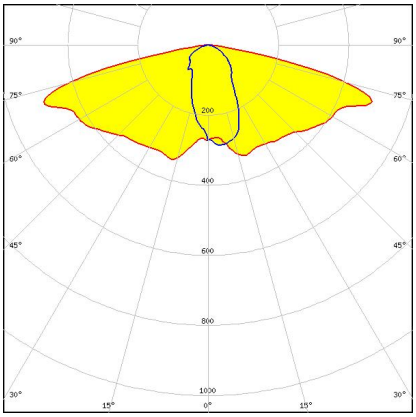
PRODUCTS:

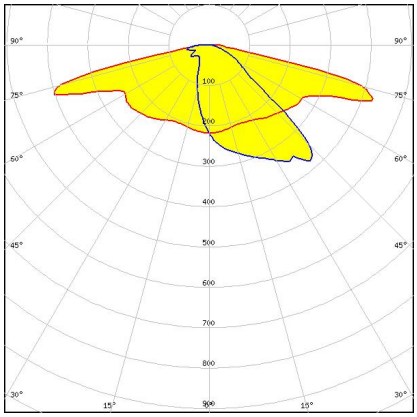
C17118_STRADA-2X2-T1-M



Dimensions: 50.0 mm x 50.0 mm
Height: 6.47 mm

IESNA Type I (medium) beam applicable for European P-class standard for pedestrian lighting and bicycle paths. Compatible with up to 3535 size LED packages.

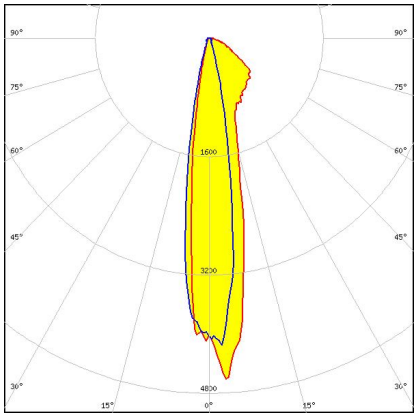
C13299_STRADA-2X2-ME



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

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

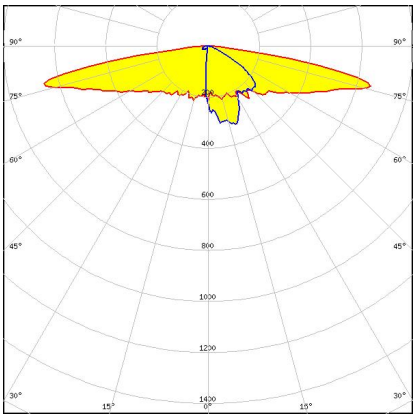
C16378_STRADA-2X2-FR



Dimensions: 50.0 mm x 50.0 mm
Height: 11.80 mm

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative

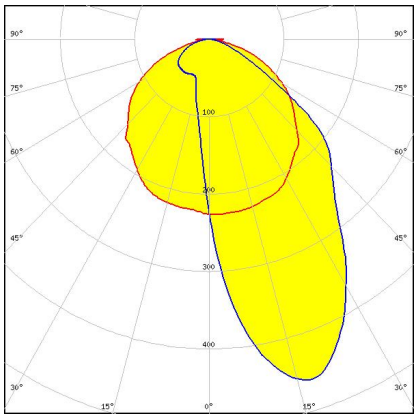
C15021_STRADA-2X2-SCL



Dimensions: 50.0 mm x 50.0 mm
Height: 7.80 mm

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

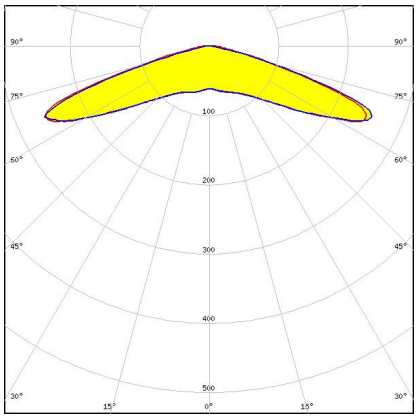
C14109_STRADA-2X2-NHS



Dimensions: 50.0 mm x 50.0 mm
Height: 10.13 mm

Narrow beam with minimal house side backlight

C17027_STRADA-2X2-VSM-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 6.14 mm

IESNA Type V beam for wide areas such as car parks. Variant made from PC.

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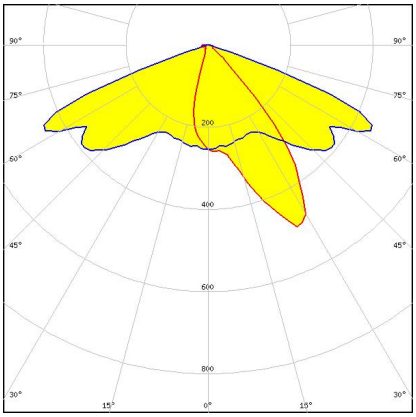
PRODUCTS:

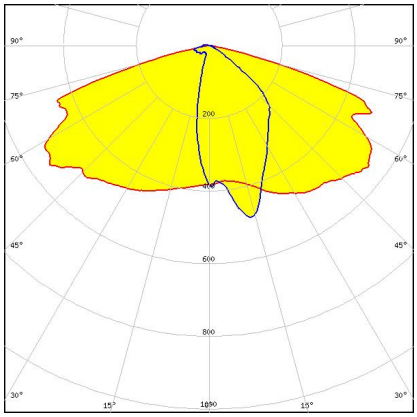
C12419_STRADA-2X2-A-T



Dimensions: 50.0 mm x 50.0 mm
Height: 7.74 mm

Short IESNA Type II beam for narrow roads or high poles with extremely low glare

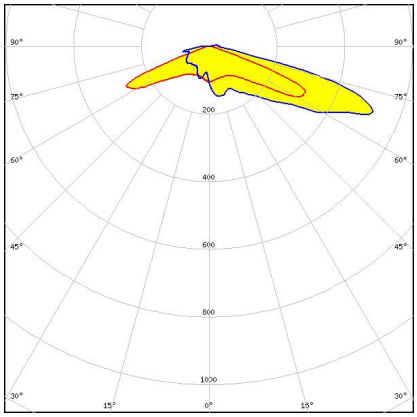
C16181_STRADA-2X2-ME-N



Dimensions: 50.0 mm x 50.0 mm
Height: 9.70 mm

Beam designed for high poles and fulfilling EN13201 M-class requirements where road width is less than the pole height

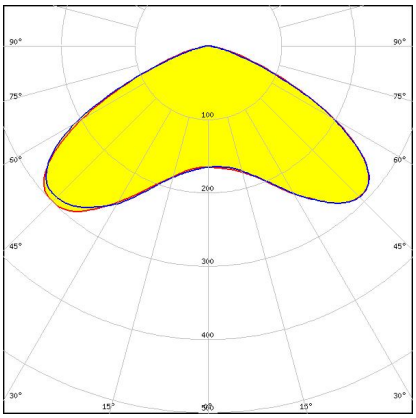
C15014_STRADA-2X2-T4-B



Dimensions: 50.0 mm x 50.0 mm
Height: 9.02 mm

Wide IESNA Type IV forward-throw beam for wide area lighting like car parks

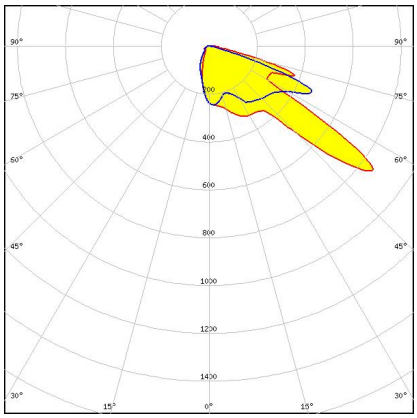
C13937_STRADA-2X2-C-STP



Dimensions: 50.0 mm x 50.0 mm
Height: 5.30 mm

Beam for area and street lighting such as parks and pedestrian walkways

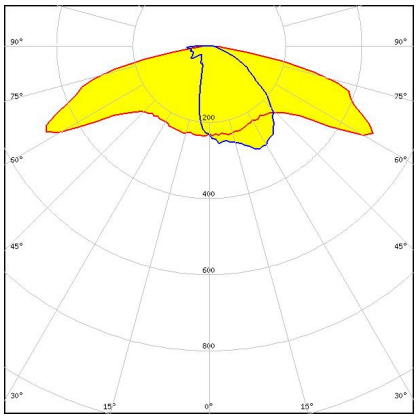
C16996_STRADA-2X2-PX-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 8.00 mm

Double asymmetric beam designed to highlight pedestrian crossings for right side traffic. Variant made from PC.

C12362_STRADA-2X2-DWC



Dimensions: 50.0 mm x 50.0 mm
Height: 6.00 mm

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium).

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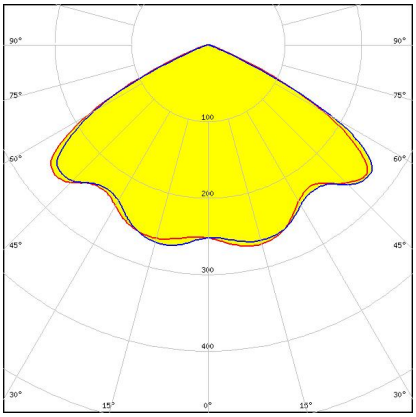
PRODUCTS:

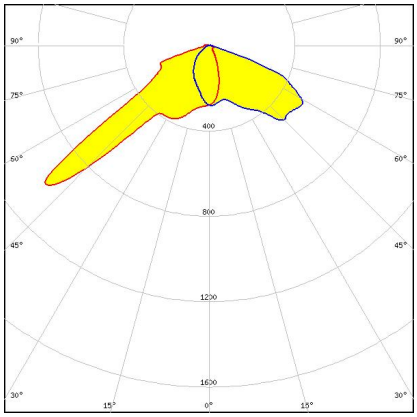
C16097_STRADA-2X2-CY-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 5.95 mm

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Variant made from PC.

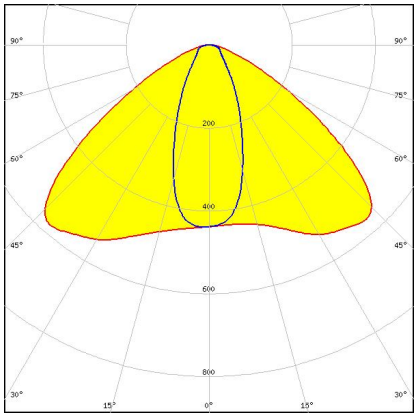
C14896_STRADA-2X2-PXL



Dimensions: 50.0 mm x 50.0 mm
Height: 8.00 mm

Fully asymmetric beam designed to highlight pedestrian crossings for left side traffic

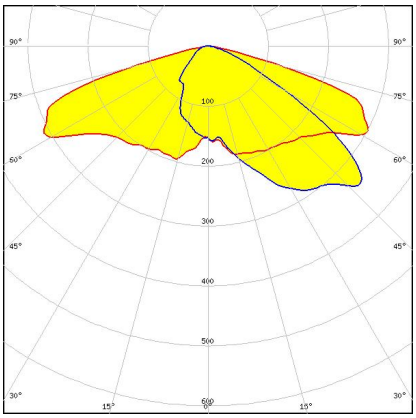
C13936_STRADA-2X2-B2-STP



Dimensions: 50.0 mm x 50.0 mm
Height: 5.18 mm

Beam for area lighting and applications demanding a wide oval beam pattern

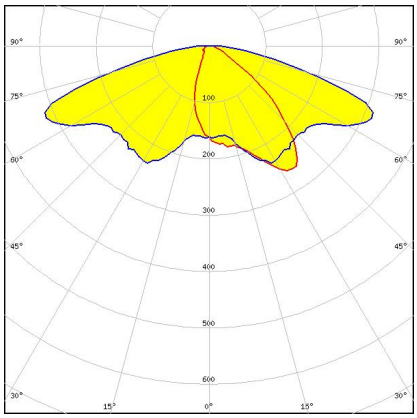
C16927_STRADA-2X2-LW1



Dimensions: 50.0 mm x 50.0 mm
Height: 7.20 mm

Excellent longitudinal luminance uniformity for EN13201 M-class where road width is wider than the pole height.

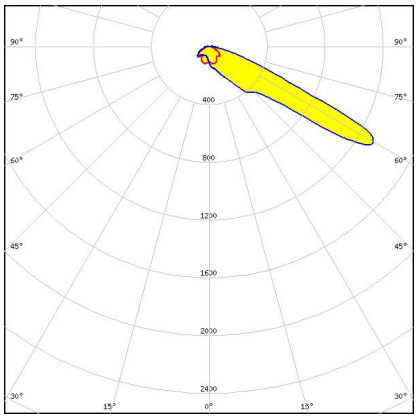
C12360_STRADA-2X2-DNW



Dimensions: 50.0 mm x 50.0 mm
Height: 11.27 mm

Soft wide beam with good illuminance uniformity

C15962_STRADA-2X2-FS3



Dimensions: 50.0 mm x 50.0 mm
Height: 12.00 mm

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method.

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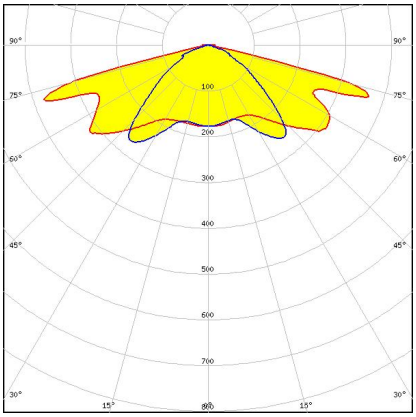
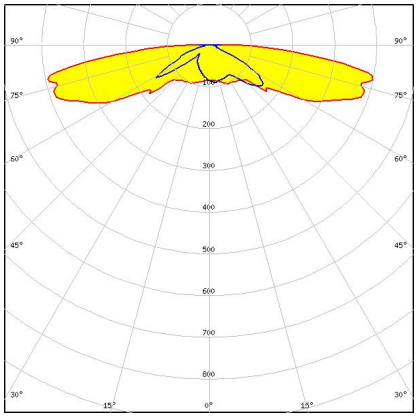
PRODUCTS:

C14750_STRADA-2X2-CAT



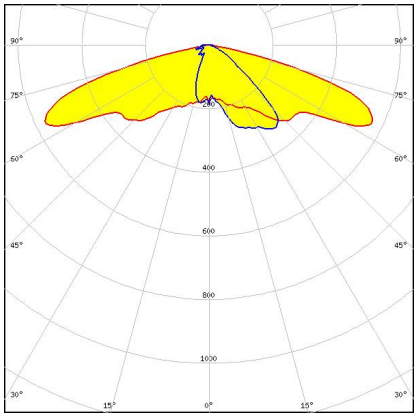
Dimensions: 50.0 mm x 50.0 mm
Height: 6.20 mm
Catenary street light beam optimized for EN13201 M-classes

C13858_STRADA-2X2-XW



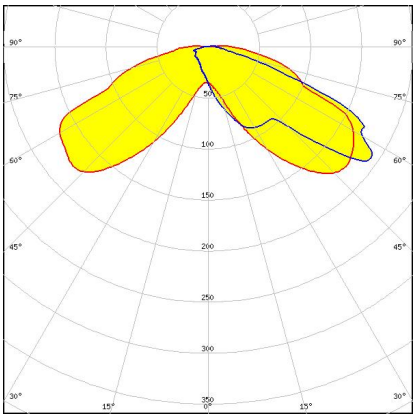
Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm
Extra wide beam for wide area security lighting

C16926_STRADA-2X2-LM1



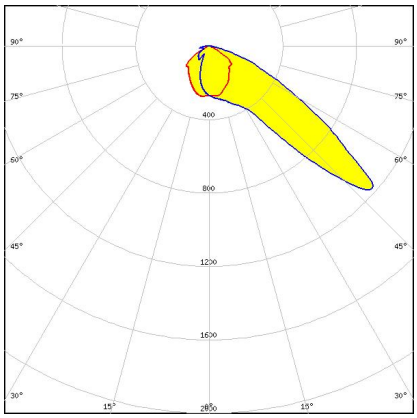
Dimensions: 50.0 mm x 50.0 mm
Height: 7.09 mm
Excellent longitudinal luminance uniformity for EN13201 M-class where road width is yhtsuur the pole height.

C15687_STRADA-2X2-FW



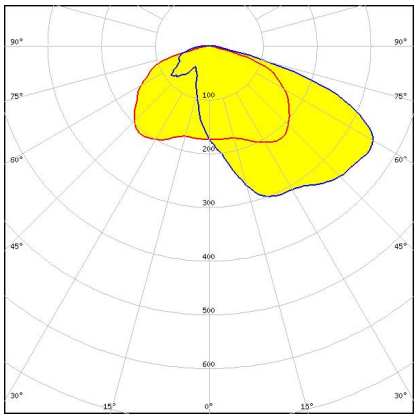
Dimensions: 50.0 mm x 50.0 mm
Height: 10.90 mm
Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups

C14731_STRADA-2X2-FN-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm
Narrow forward throw beam for area lighting. Excellent for lighting stadiums and airports from high masts. Variant made from PC.

C13805_STRADA-2X2-T4



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm
IESNA Type IV beam for wider roads and large outdoor area

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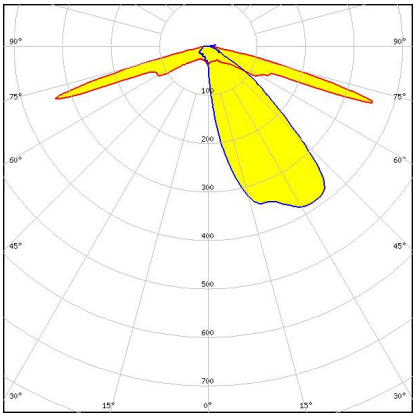
PRODUCTS:

C16795_STRADA-2X2-T2-M-PC



Dimensions: 50.0 mm x 50.0 mm

Height: 11.85 mm

IESNA Type II (medium) beam with excellent backlight control, illuminance uniformity and cutoff. 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:

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