

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.

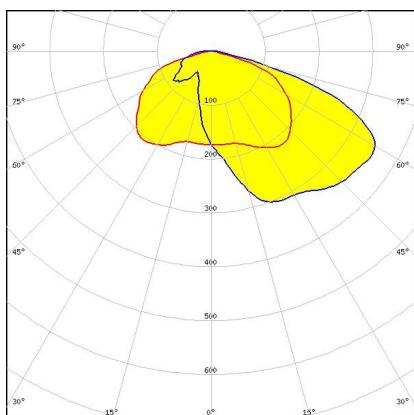
STRADA-2X2

50 x 50 mm 2X2 arrays optimised for 3535 size LED packages



PRODUCTS:

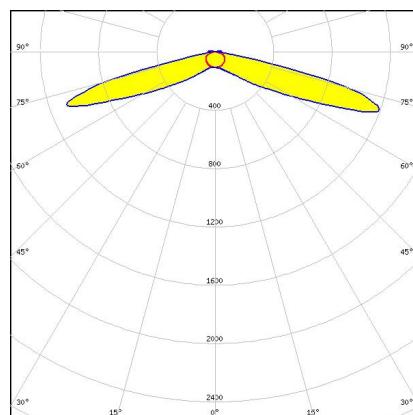
C13805_STRADA-2X2-T4



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

IESNA Type IV beam for wider roads and large outdoor area

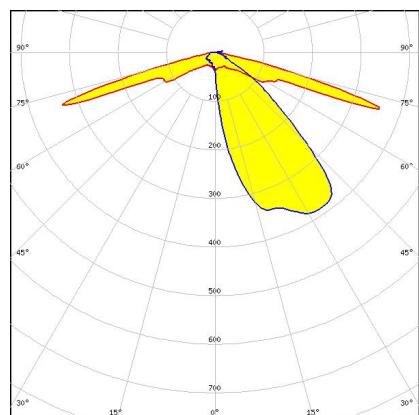
C15135_STRADA-2X2-T1



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

C16795_STRADA-2X2-T2-M-PC

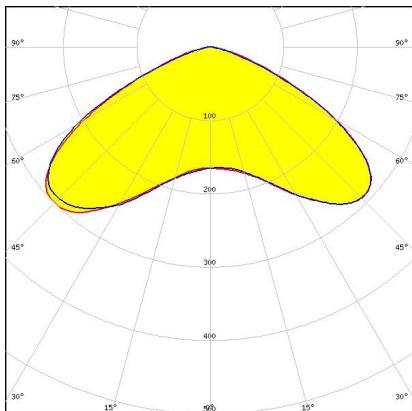


Dimensions: 50.0 mm x 50.0 mm
Height: 11.85 mm

IESNA Type II (medium) beam with excellent backlight control, illuminance uniformity and cutoff. Variant made from PC.

PRODUCTS:

C13937_STRADA-2X2-C-STP

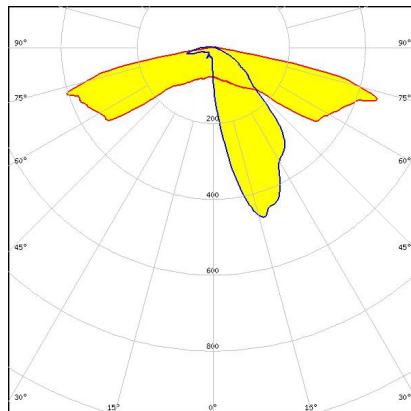


Dimensions: 50.0 mm x 50.0 mm

Height: 5.30 mm

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

C15413_STRADA-2X2-T2-PC

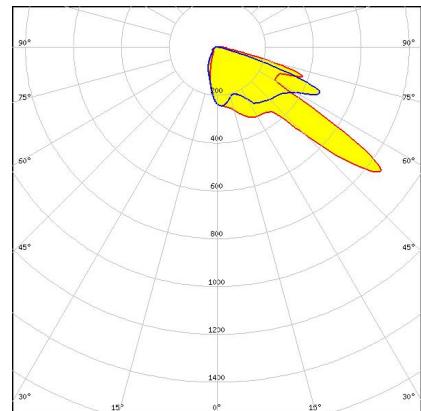


Dimensions: 50.0 mm x 50.0 mm

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.

C16996_STRADA-2X2-PX-PC

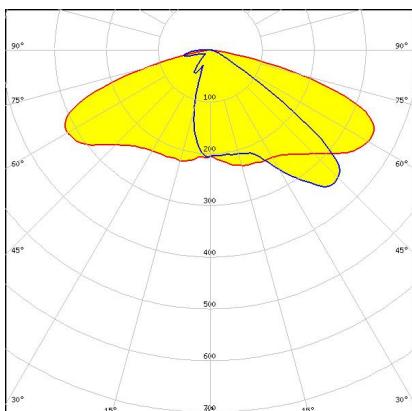


Dimensions: 50.0 mm x 50.0 mm

Height: 8.00 mm

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

C17444_STRADA-2X2-J1

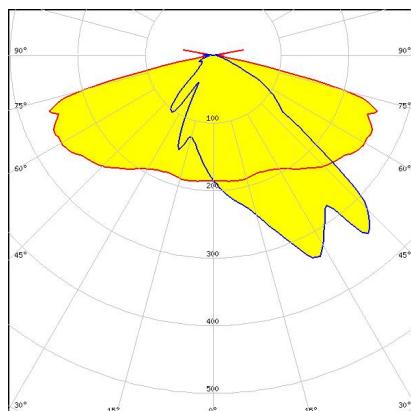


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

Low glare street lighting optic for European and Japanese requirements.

C14164_STRADA-2X2-ME-WIDE1

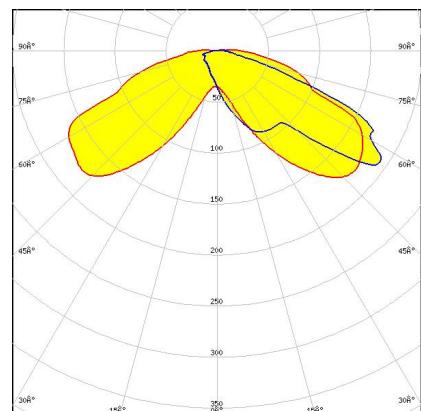


Dimensions: 50.0 mm x 50.0 mm

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.

C15687_STRADA-2X2-FW



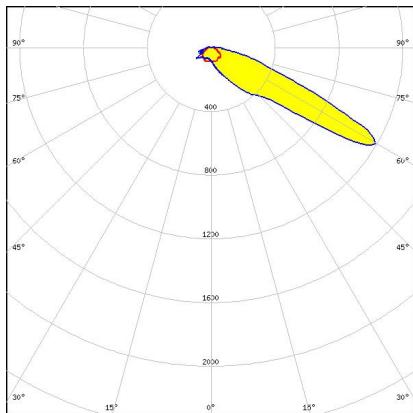
Dimensions: 50.0 mm x 50.0 mm

Height: 10.90 mm

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups

PRODUCTS:

C17485_STRADA-2X2-FS3-PC

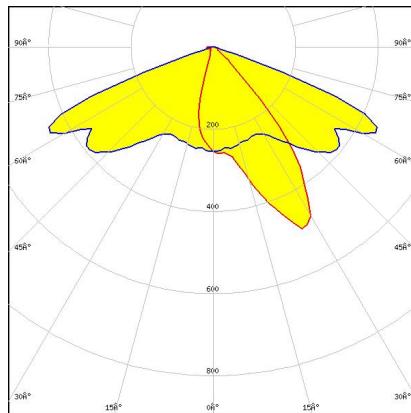


Dimensions: 50.0 mm x 50.0 mm

Height: 12.00 mm

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

C12419_STRADA-2X2-A-T

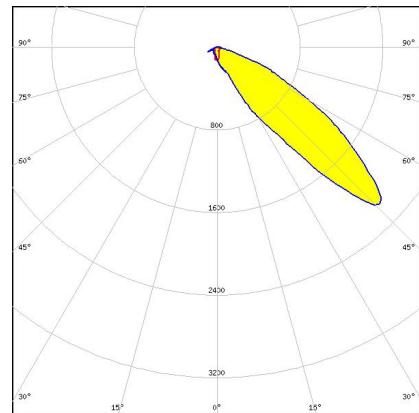


Dimensions: 50.0 mm x 50.0 mm

Height: 7.74 mm

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

C14556_STRADA-2X2-TF

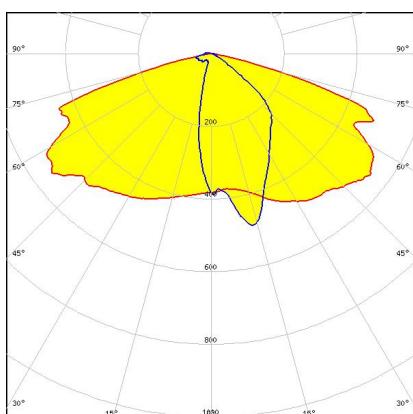


Dimensions: 50.0 mm x 50.0 mm

Height: 8.73 mm

Narrow forward throw beam optimized for European tunnels

C16181_STRADA-2X2-ME-N

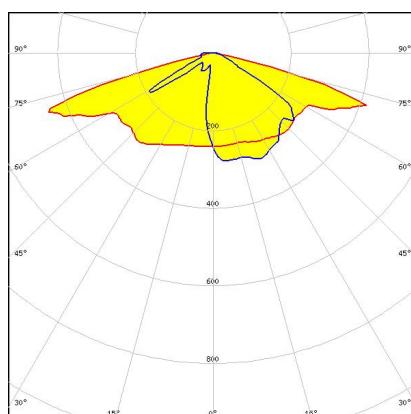


Dimensions: 50.0 mm x 50.0 mm

Height: 9.70 mm

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

C13301_STRADA-2X2-T3

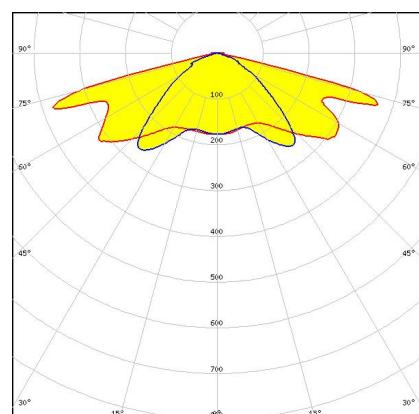


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

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

C14750_STRADA-2X2-CAT



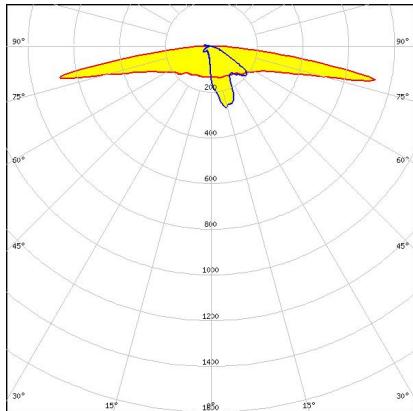
Dimensions: 50.0 mm x 50.0 mm

Height: 6.20 mm

Catenary street light beam optimized for EN13201 M-classes

PRODUCTS:

C16473_STRADA-2X2-SCL-PC

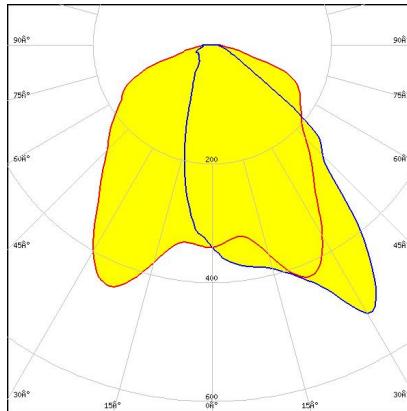


Dimensions: 50.0 mm x 50.0 mm

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. Variant made from PC.

C13699_STRADA-2X2-DN

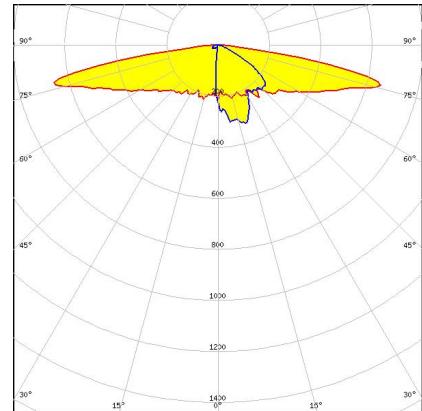


Dimensions: 50.0 mm x 50.0 mm

Height: 8.05 mm

Beam for area lighting with shorter illumination distances

C15021_STRADA-2X2-SCL

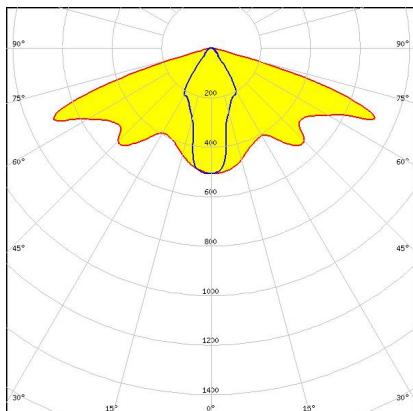


Dimensions: 50.0 mm x 50.0 mm

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.

C16702_STRADA-2X2-CAT-B-PC

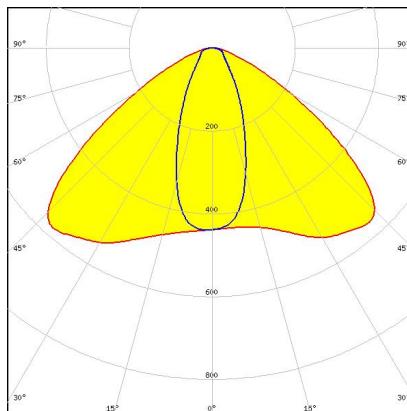


Dimensions: 50.0 mm x 50.0 mm

Height: 7.73 mm

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

C13936_STRADA-2X2-B2-STP

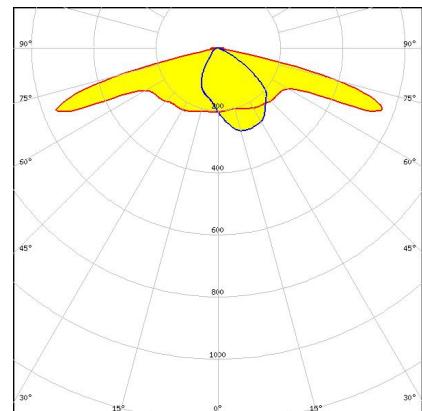


Dimensions: 50.0 mm x 50.0 mm

Height: 5.18 mm

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

C15292_STRADA-2X2-T2-C



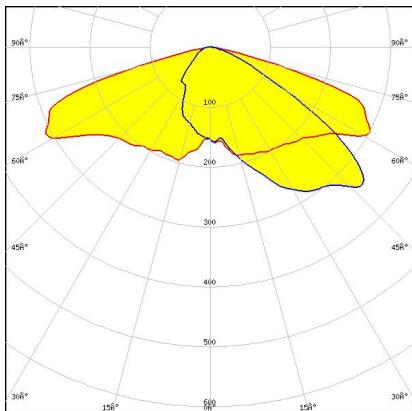
Dimensions: 50.0 mm x 50.0 mm

Height: 7.34 mm

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

PRODUCTS:

C16927_STRADA-2X2-LW1

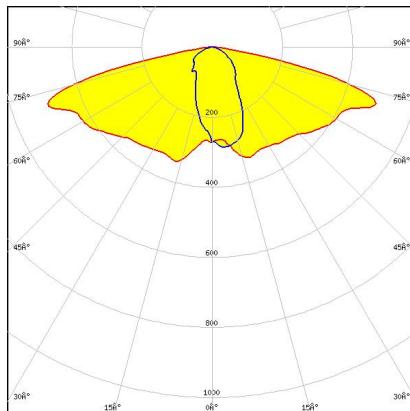


Dimensions: 50.0 mm x 50.0 mm

Height: 7.20 mm

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

C17118_STRADA-2X2-T1-M

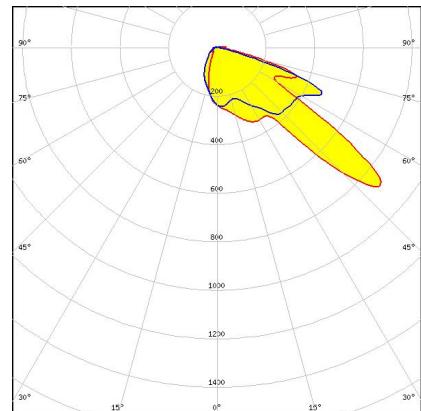


Dimensions: 50.0 mm x 50.0 mm

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.

C14116_STRADA-2X2-PX

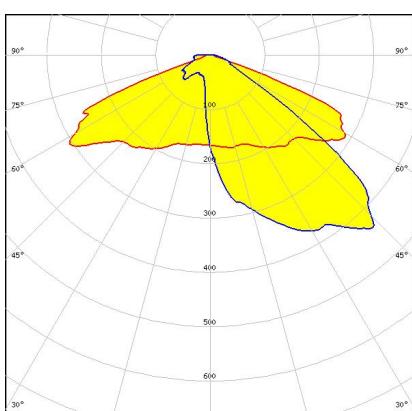


Dimensions: 50.0 mm x 50.0 mm

Height: 8.00 mm

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

C15594_STRADA-2X2-MEW

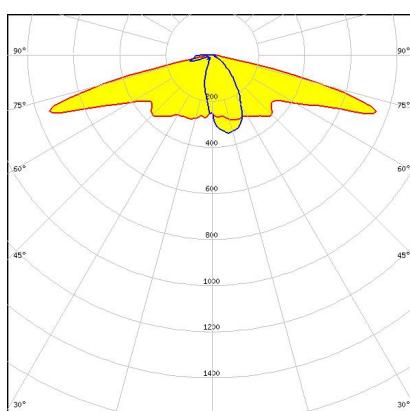


Dimensions: 50.0 mm x 50.0 mm

Height: 10.16 mm

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

C17446_STRADA-2X2-LN1

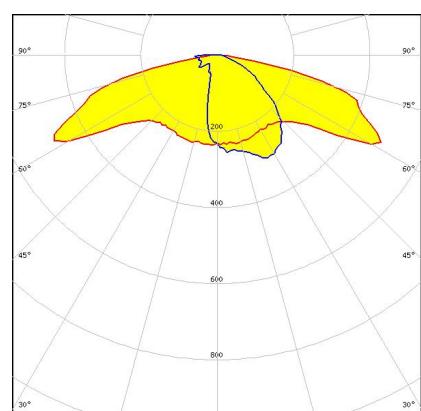


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

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

C12362_STRADA-2X2-DWC



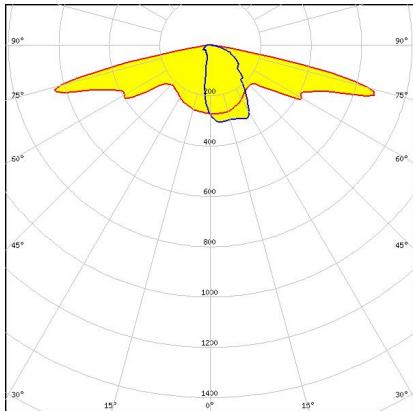
Dimensions: 50.0 mm x 50.0 mm

Height: 6.00 mm

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

PRODUCTS:

C14517_STRADA-2X2-DWC-PC

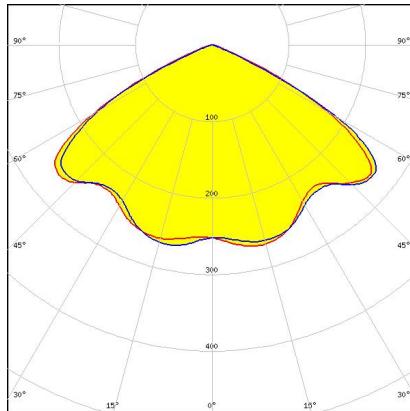


Dimensions: 50.0 mm x 50.0 mm

Height: 6.00 mm

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

C16097_STRADA-2X2-CY-PC

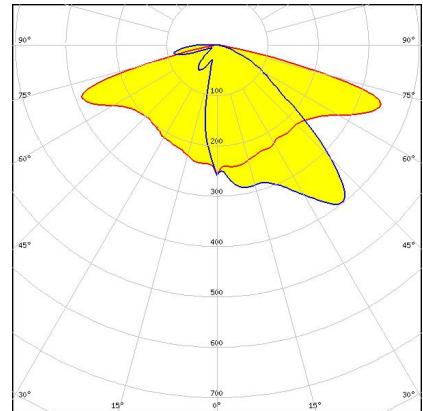


Dimensions: 50.0 mm x 50.0 mm

Height: 5.95 mm

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

C17634_STRADA-2X2-LM2

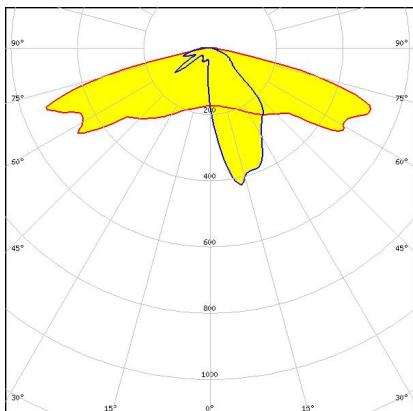


Dimensions: 50.0 mm x 50.0 mm

Height: 6.60 mm

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

C13300_STRADA-2X2-T2

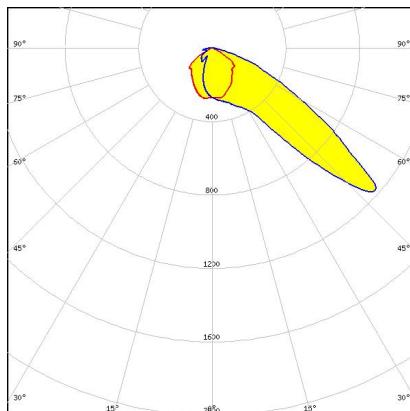


Dimensions: 50.0 mm x 50.0 mm

Height: 7.70 mm

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

C14731_STRADA-2X2-FN-PC

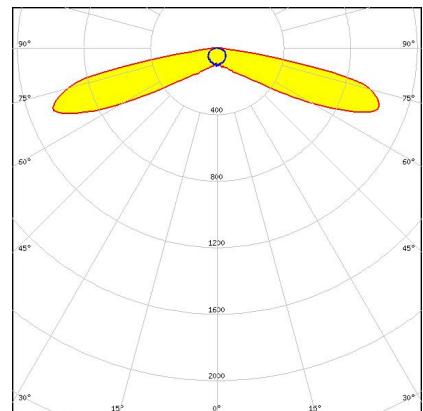


Dimensions: 50.0 mm x 50.0 mm

Height: 10.00 mm

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

C16395_STRADA-2X2-T1-PC



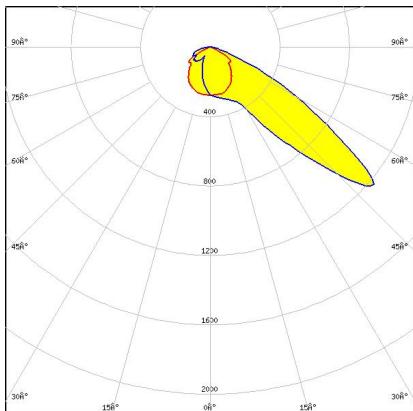
Dimensions: 50.0 mm x 50.0 mm

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.

PRODUCTS:

C13604_STRADA-2X2-FN

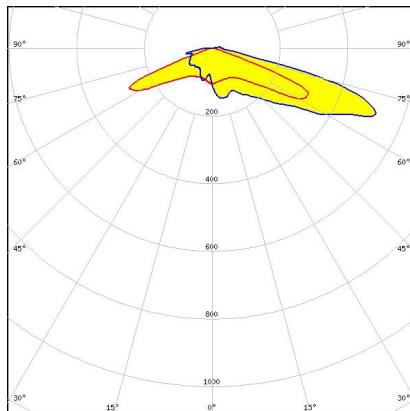


Dimensions: 50.0 mm x 50.0 mm

Height: 10.00 mm

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

C15014_STRADA-2X2-T4-B

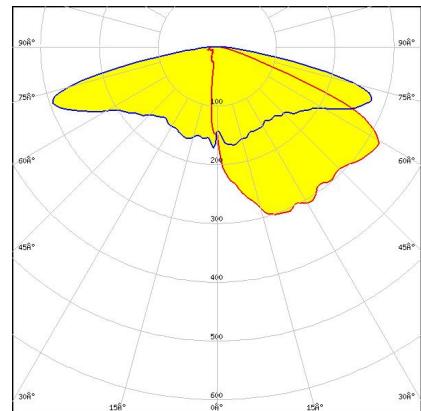


Dimensions: 50.0 mm x 50.0 mm

Height: 9.02 mm

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

C16505_STRADA-2X2-T3-M

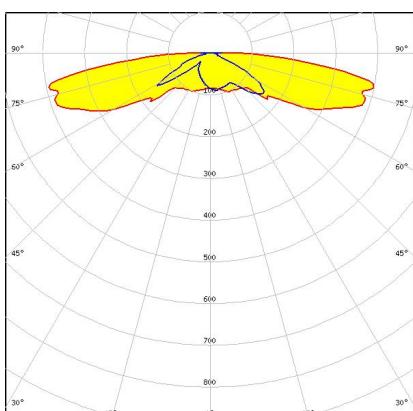


Dimensions: 50.0 mm x 50.0 mm

Height: 9.73 mm

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

C13858_STRADA-2X2-XW

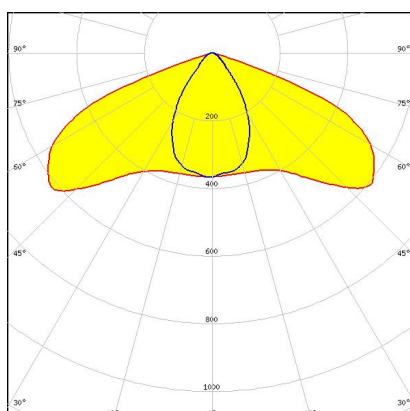


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

Extra wide beam for wide area security lighting

C15217_STRADA-2X2-CAT-B

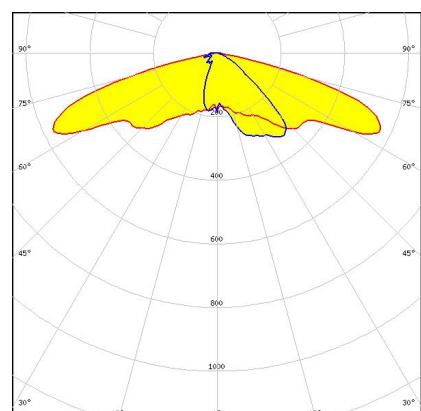


Dimensions: 50.0 mm x 50.0 mm

Height: 7.73 mm

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

C16926_STRADA-2X2-LM1



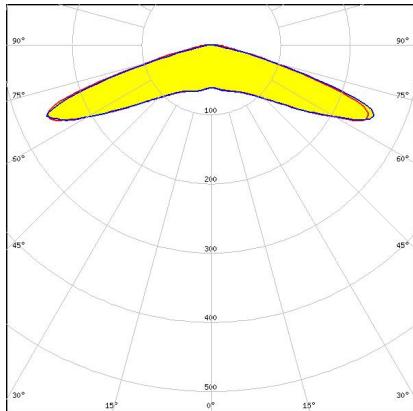
Dimensions: 50.0 mm x 50.0 mm

Height: 7.09 mm

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

PRODUCTS:

C17027_STRADA-2X2-VSM-PC

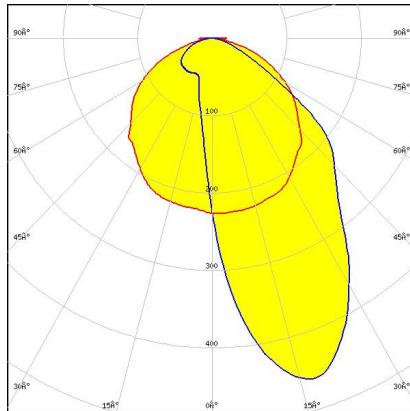


Dimensions: 50.0 mm x 50.0 mm

Height: 6.14 mm

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

C14109_STRADA-2X2-NHS

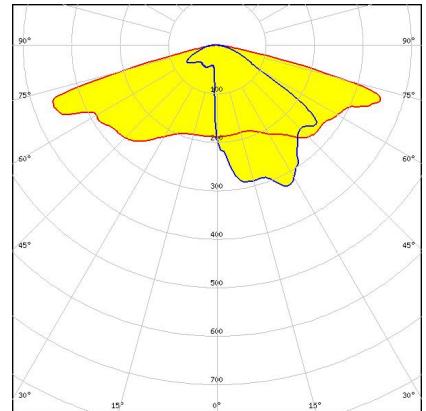


Dimensions: 50.0 mm x 50.0 mm

Height: 10.13 mm

Narrow beam with minimal house side backlight

C15540_STRADA-2X2-T3-PC

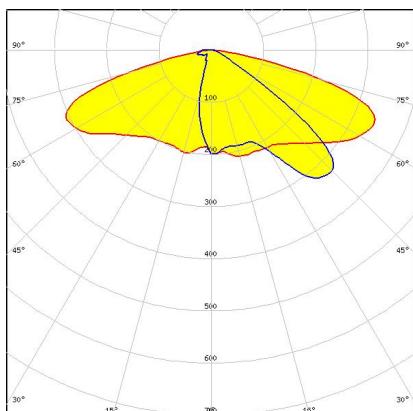


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

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

C17445_STRADA-2X2-J1-PC

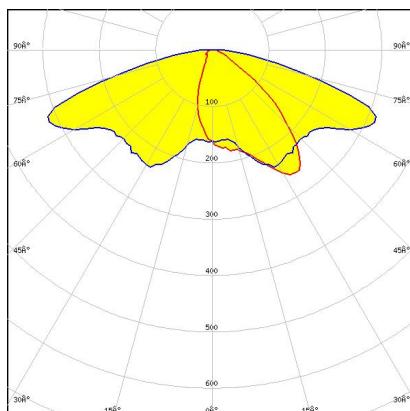


Dimensions: 50.0 mm x 50.0 mm

Height: 7.10 mm

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

C12360_STRADA-2X2-DNW

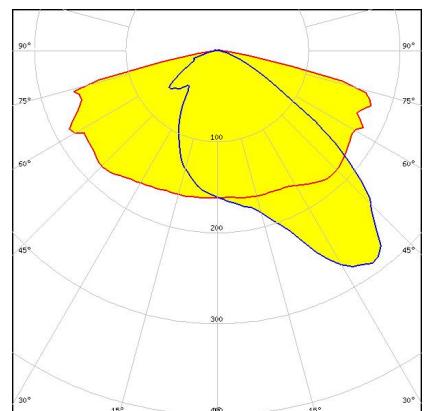


Dimensions: 50.0 mm x 50.0 mm

Height: 11.27 mm

Soft wide beam with good illuminance uniformity

C14165_STRADA-2X2-ME-WIDE2



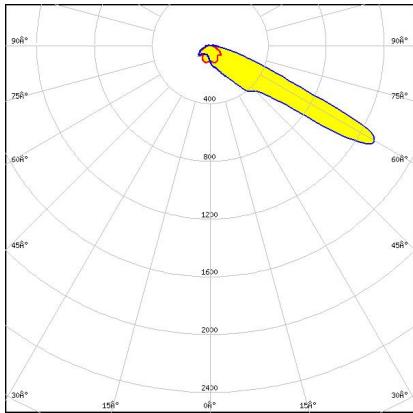
Dimensions: 50.0 mm x 50.0 mm

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

PRODUCTS:

C15962_STRADA-2X2-FS3

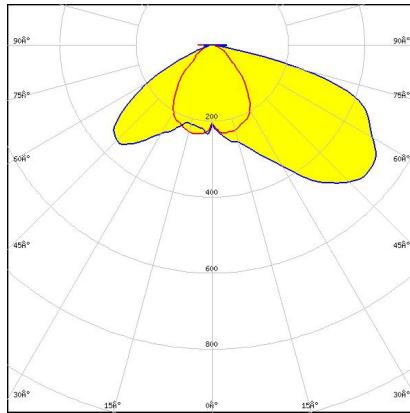


Dimensions: 50.0 mm x 50.0 mm

Height: 12.00 mm

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

C17633_STRADA-2X2-DB

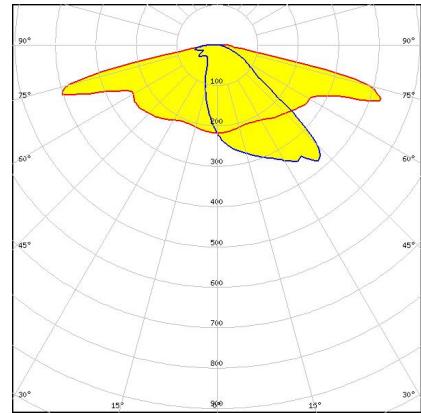


Dimensions: 50.0 mm x 50.0 mm

Height: 8.10 mm

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

C13299_STRADA-2X2-ME

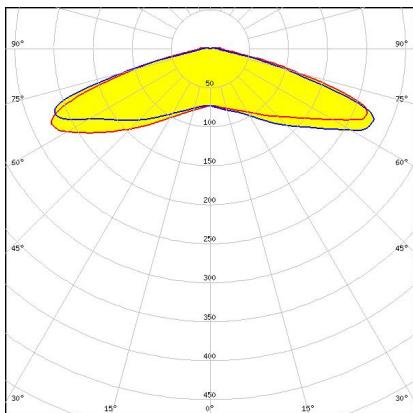


Dimensions: 50.0 mm x 50.0 mm

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

C14680_STRADA-2X2-VSM

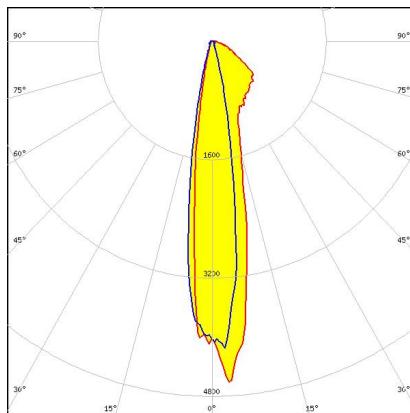


Dimensions: 50.0 mm x 50.0 mm

Height: 6.14 mm

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

C16378_STRADA-2X2-FR

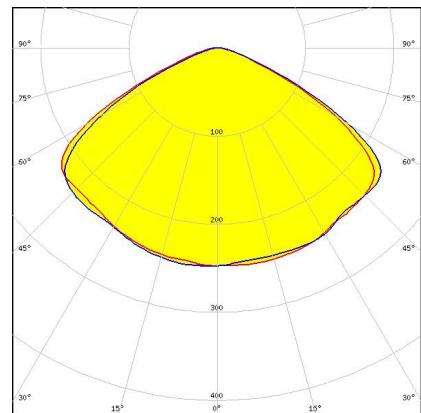


Dimensions: 50.0 mm x 50.0 mm

Height: 11.80 mm

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative

C13499_STRADA-2X2-CY



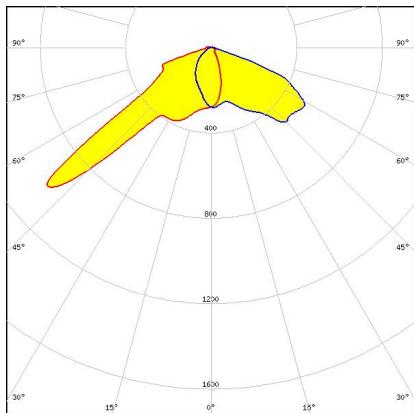
Dimensions: 50.0 mm x 50.0 mm

Height: 5.95 mm

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

PRODUCTS:

C14896_STRADA-2X2-PXL

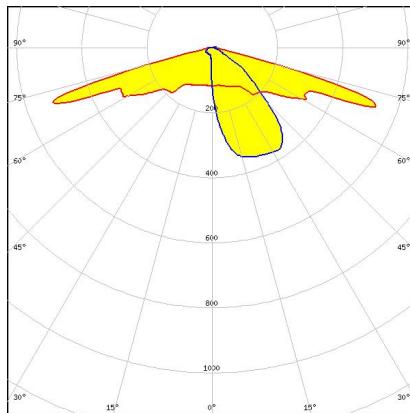


Dimensions: 50.0 mm x 50.0 mm

Height: 8.00 mm

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

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

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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