

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.

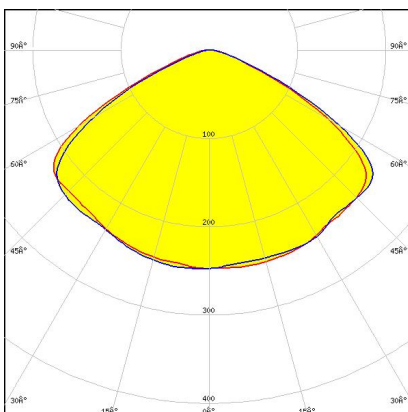
STRADA-2X2

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



PRODUCTS:

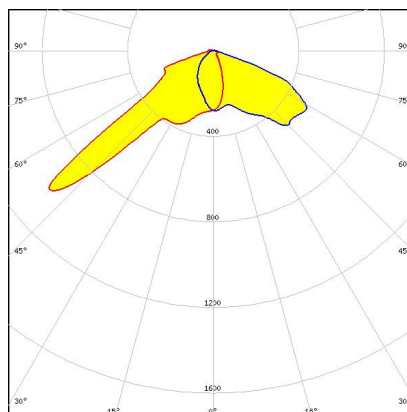
C13499_STRADA-2X2-CY



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.

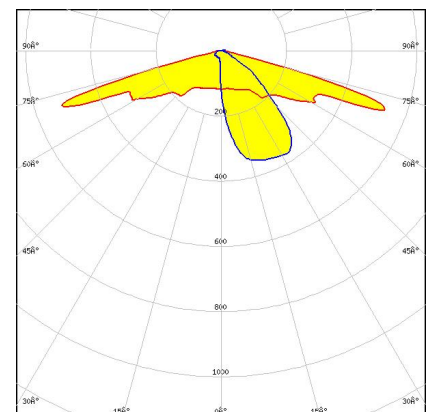
C14896_STRADA-2X2-PXL



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

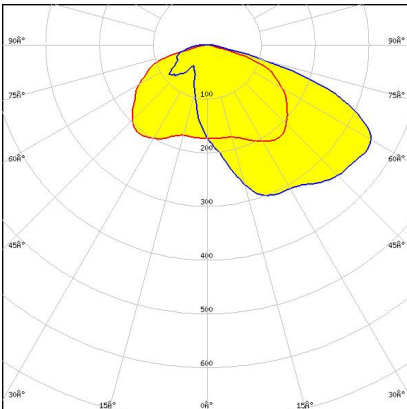


Dimensions: 50.0 mm x 50.0 mm
Height: 11.85 mm

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

PRODUCTS:

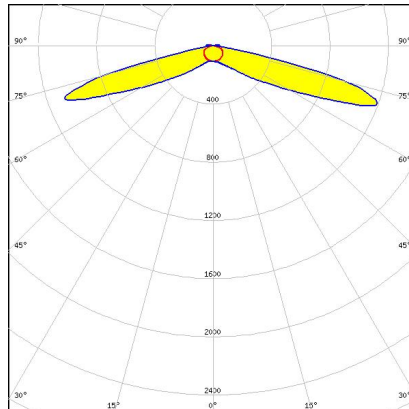
C13805_STRADA-2X2-T4



Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

IESNA Type IV beam for wider roads and large outdoor area

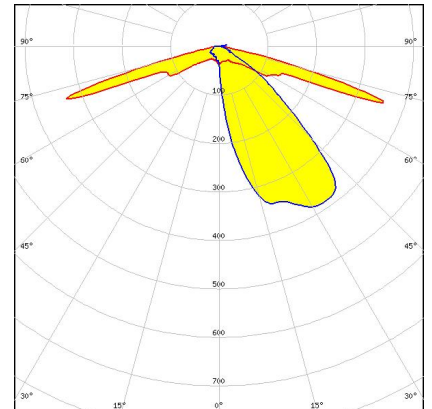
C15135_STRADA-2X2-T1



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

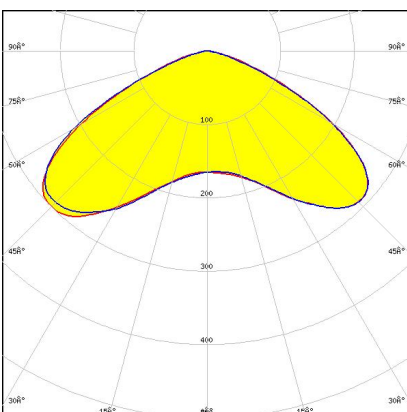
C16795_STRADA-2X2-T2-M-PC



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.

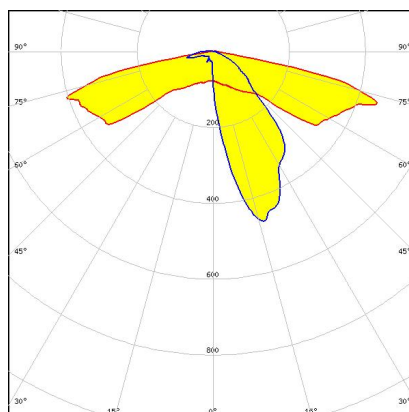
C13937_STRADA-2X2-C-STP



Dimensions: 50.0 mm x 50.0 mm
Height: 5.30 mm

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

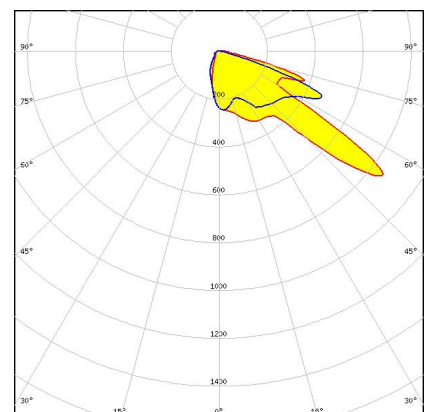
C15413_STRADA-2X2-T2-PC



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

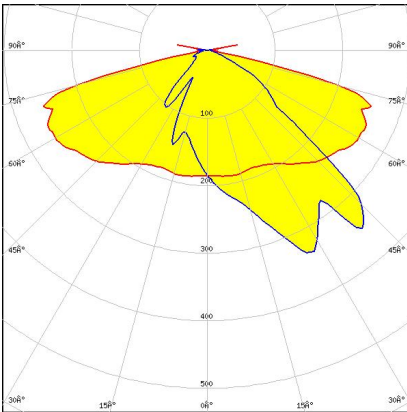


Dimensions: 50.0 mm x 50.0 mm
Height: 8.00 mm

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

PRODUCTS:

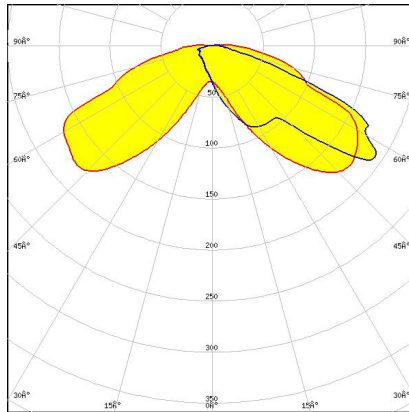
C14164_STRADA-2X2-ME-WIDE1



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.

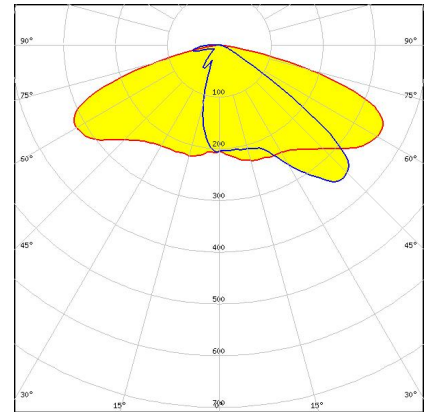
C15687_STRADA-2X2-FW



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

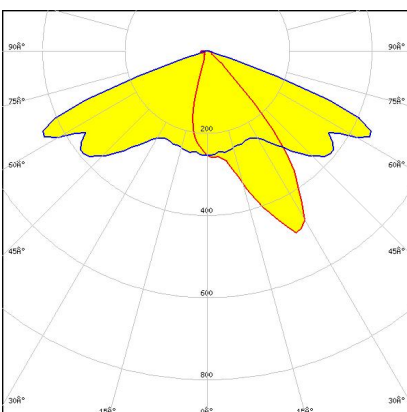
C17444_STRADA-2X2-J1



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

Low glare street lighting optic for European and Japanese requirements.

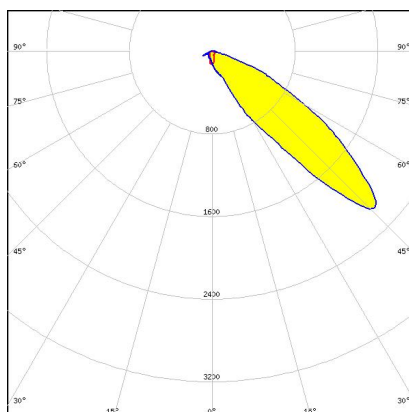
C12419_STRADA-2X2-A-T



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

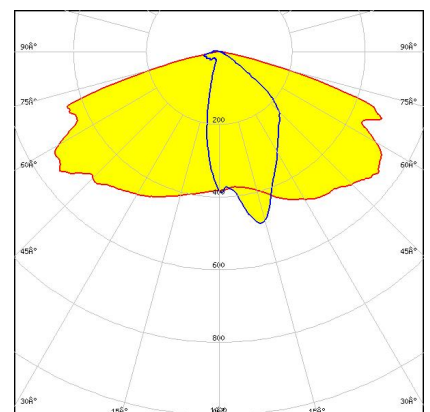
C14556_STRADA-2X2-TF



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

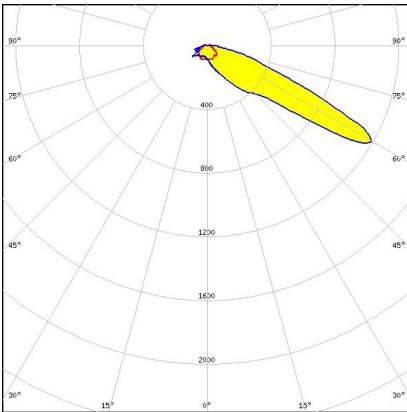


Dimensions: 50.0 mm x 50.0 mm
Height: 9.70 mm

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

PRODUCTS:

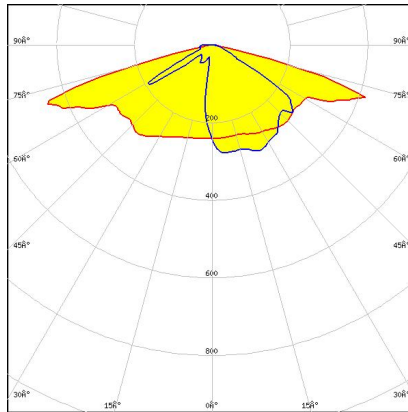
C17485_STRADA-2X2-FS3-PC



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.

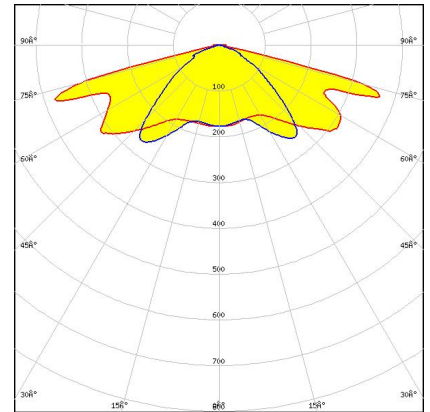
C13301_STRADA-2X2-T3



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

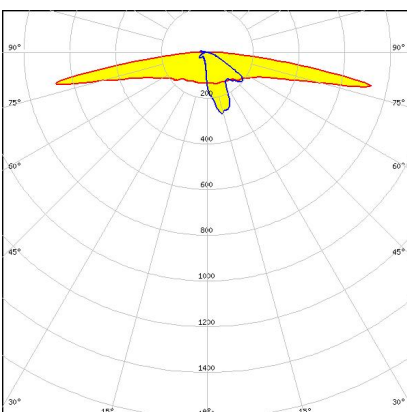
C14750_STRADA-2X2-CAT



Dimensions: 50.0 mm x 50.0 mm
Height: 6.20 mm

Catenary street light beam optimized for EN13201 M-classes

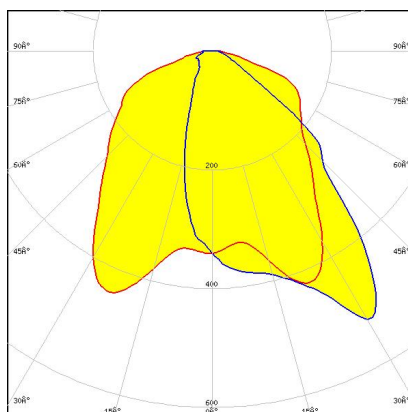
C16473_STRADA-2X2-SCL-PC



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.

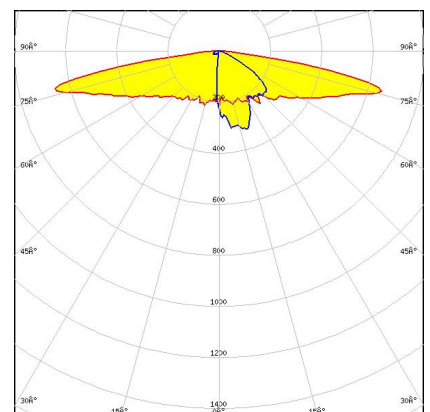
C13699_STRADA-2X2-DN



Dimensions: 50.0 mm x 50.0 mm
Height: 8.05 mm

Beam for area lighting with shorter illumination distances

C15021_STRADA-2X2-SCL

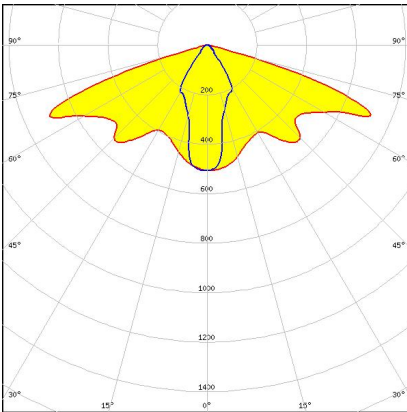


Dimensions: 50.0 mm x 50.0 mm
Height: 7.80 mm

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

PRODUCTS:

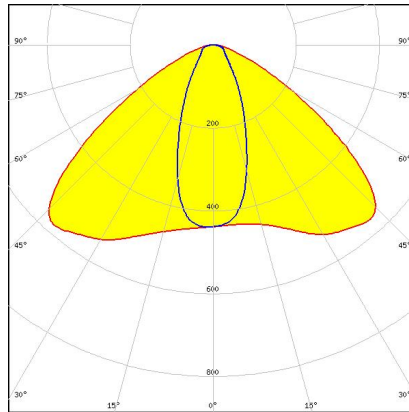
C16702_STRADA-2X2-CAT-B-PC



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.

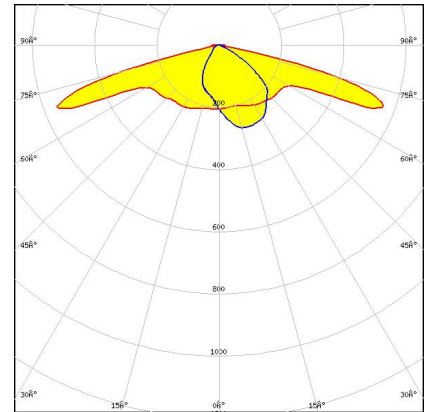
C13936_STRADA-2X2-B2-STP



Dimensions: 50.0 mm x 50.0 mm
Height: 5.18 mm

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

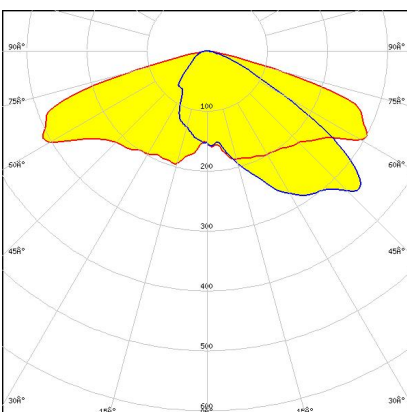
C15292_STRADA-2X2-T2-C



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.

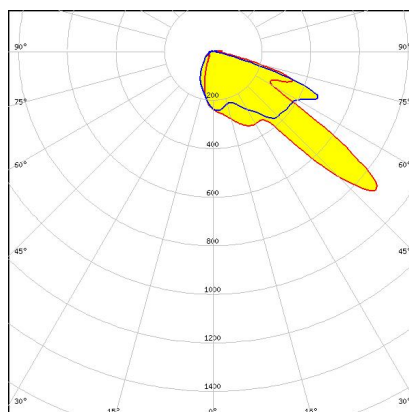
C16927_STRADA-2X2-LW1



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.

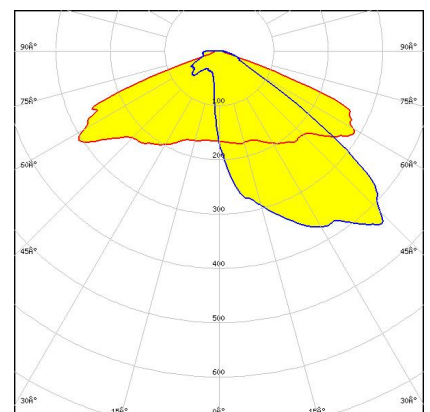
C14116_STRADA-2X2-PX



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

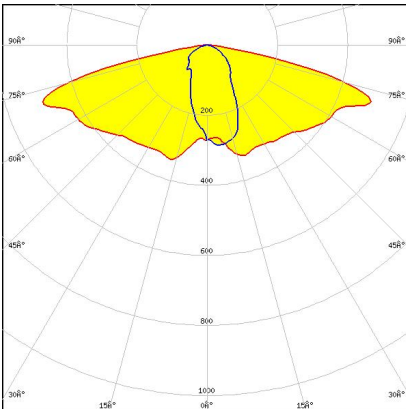


Dimensions: 50.0 mm x 50.0 mm
Height: 10.16 mm

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

PRODUCTS:

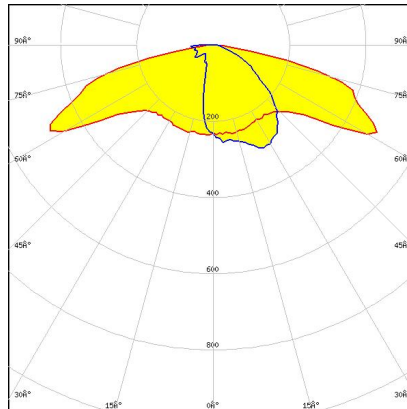
C17118_STRADA-2X2-T1-M



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.

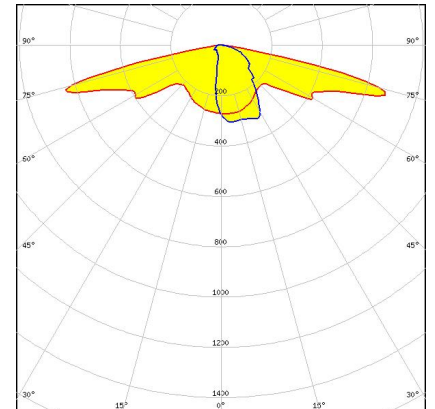
C12362_STRADA-2X2-DWC



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).

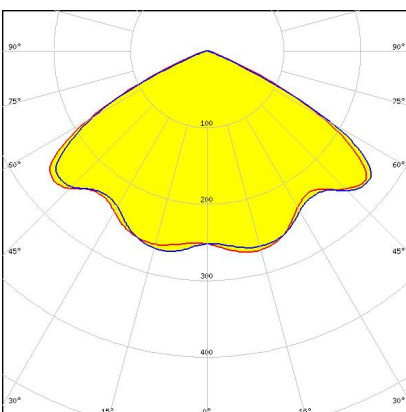
C14517_STRADA-2X2-DWC-PC



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.

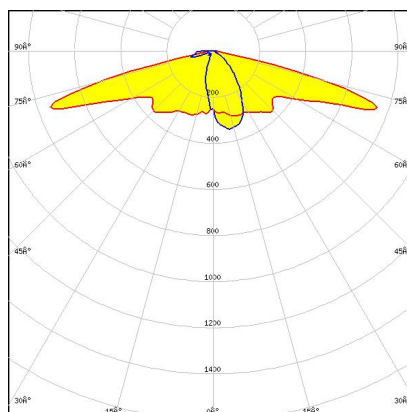
C16097_STRADA-2X2-CY-PC



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.

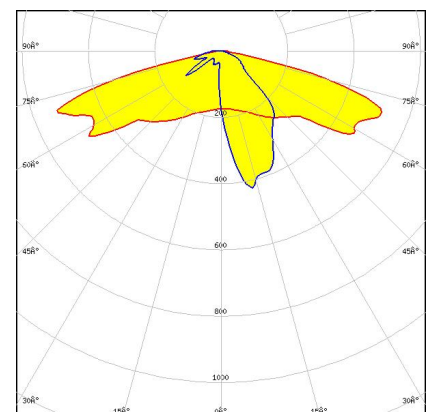
C17446_STRADA-2X2-LN1



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.

C13300_STRADA-2X2-T2

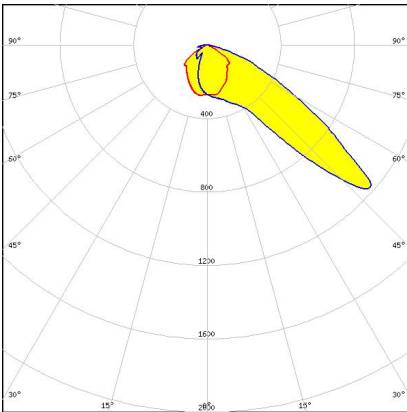


Dimensions: 50.0 mm x 50.0 mm
Height: 7.70 mm

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

PRODUCTS:

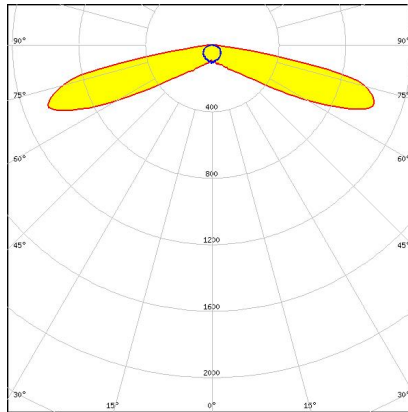
C14731_STRADA-2X2-FN-PC



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.

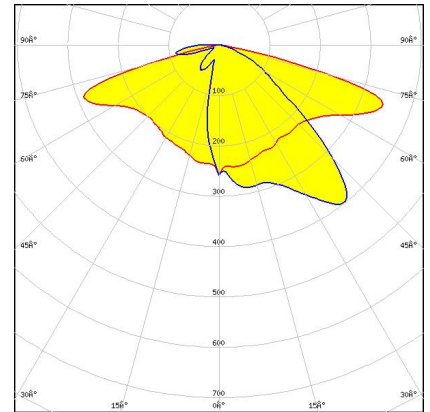
C16395_STRADA-2X2-T1-PC



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.

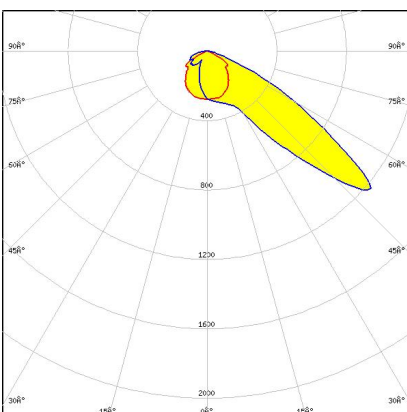
C17634_STRADA-2X2-LM2



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.

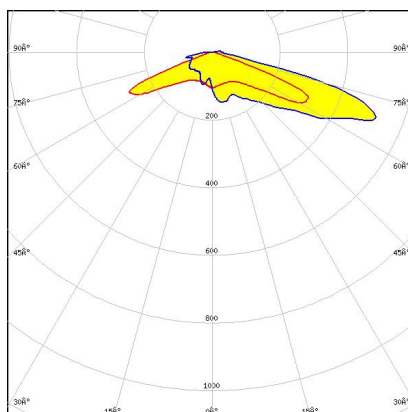
C13604_STRADA-2X2-FN



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.

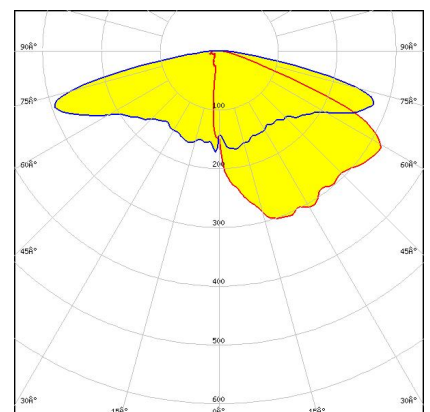
C15014_STRADA-2X2-T4-B



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

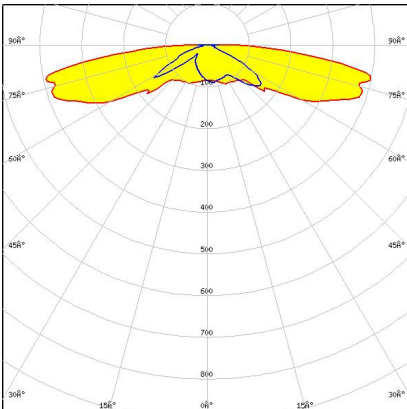


Dimensions: 50.0 mm x 50.0 mm
Height: 9.73 mm

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

PRODUCTS:

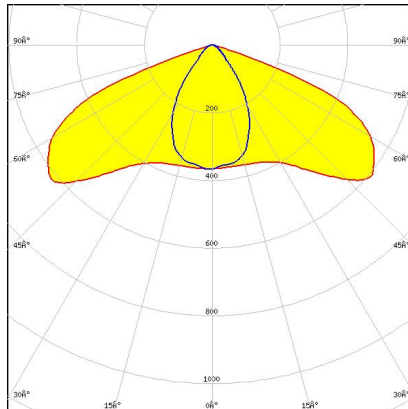
C13858_STRADA-2X2-XW



Dimensions: 50.0 mm x 50.0 mm
Height: 7.10 mm

Extra wide beam for wide area security lighting

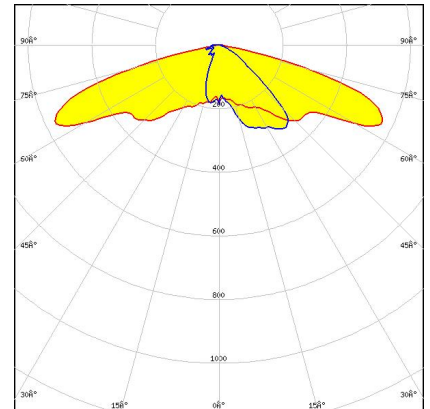
C15217_STRADA-2X2-CAT-B



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

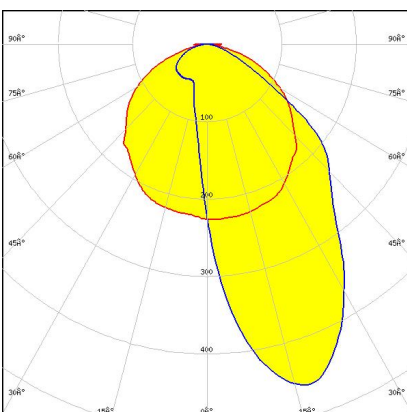
C16926_STRADA-2X2-LM1



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.

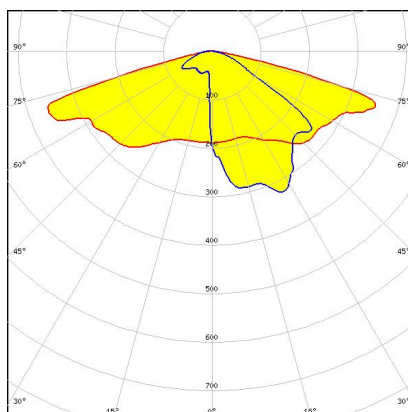
C14109_STRADA-2X2-NHS



Dimensions: 50.0 mm x 50.0 mm
Height: 10.13 mm

Narrow beam with minimal house side backlight

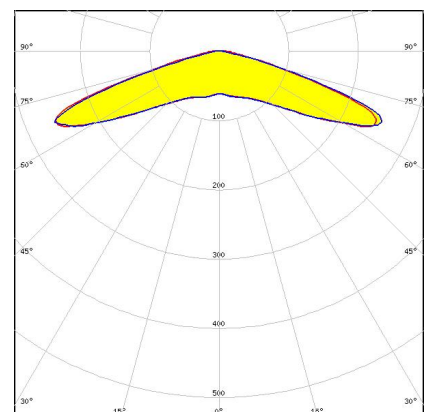
C15540_STRADA-2X2-T3-PC



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.

C17027_STRADA-2X2-VSM-PC

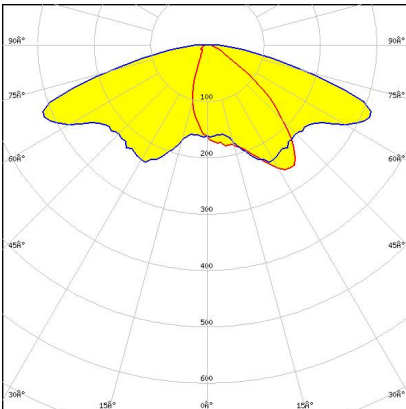


Dimensions: 50.0 mm x 50.0 mm
Height: 6.14 mm

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

PRODUCTS:

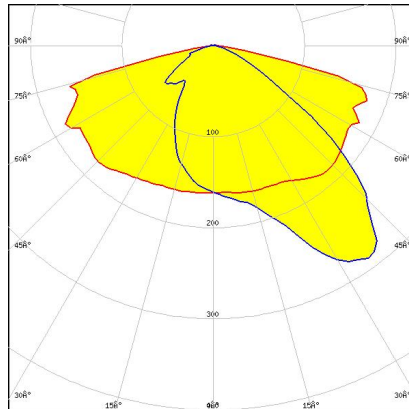
C12360_STRADA-2X2-DNW



Dimensions: 50.0 mm x 50.0 mm
Height: 11.27 mm

Soft wide beam with good illuminance uniformity

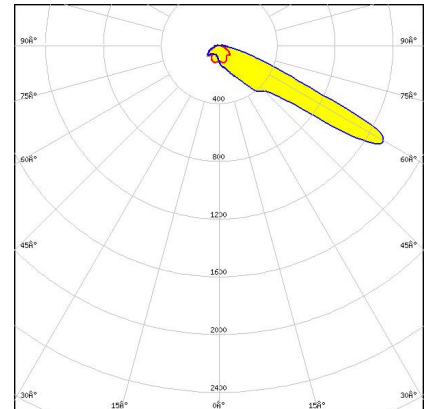
C14165_STRADA-2X2-ME-WIDE2



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

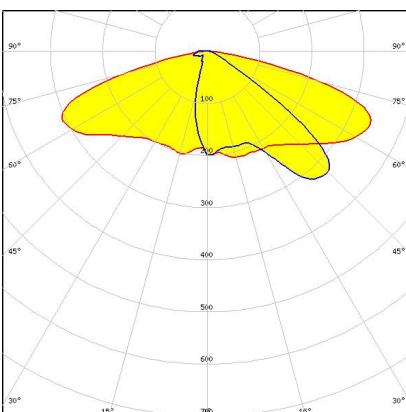
C15962_STRADA-2X2-FS3



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.

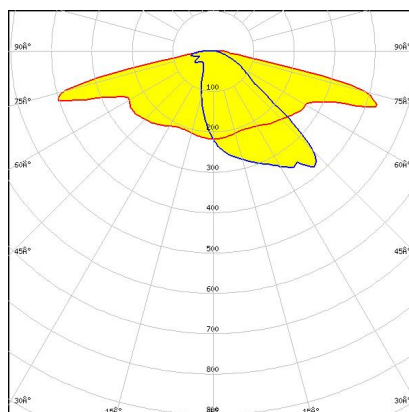
C17445_STRADA-2X2-J1-PC



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.

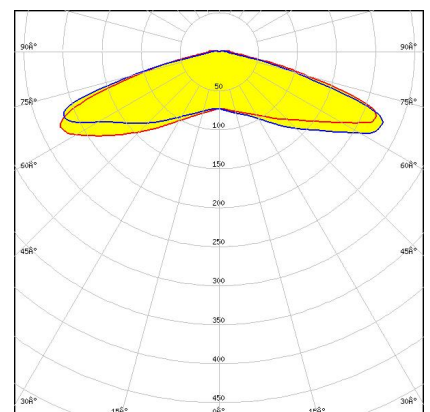
C13299_STRADA-2X2-ME



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

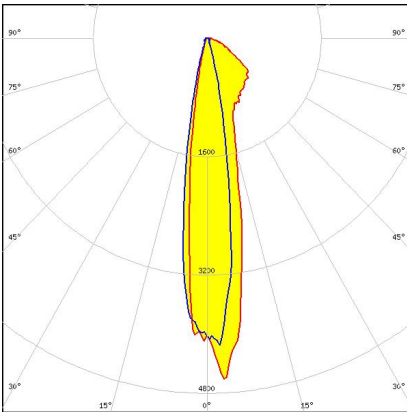


Dimensions: 50.0 mm x 50.0 mm
Height: 6.14 mm

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

PRODUCTS:

C16378_STRADA-2X2-FR

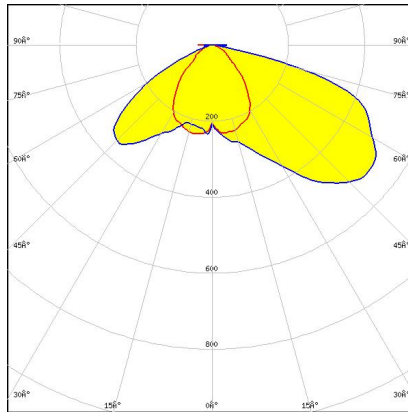


Dimensions: 50.0 mm x 50.0 mm

Height: 11.80 mm

Asymmetric spotlight beam for
floodlighting railway tracks according to
Russian normative

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.

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)