

### 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.

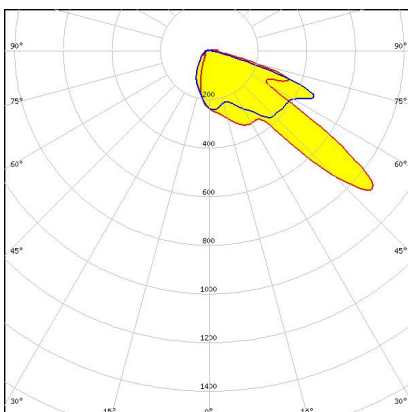
### STRADA-2X2

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



### PRODUCTS:

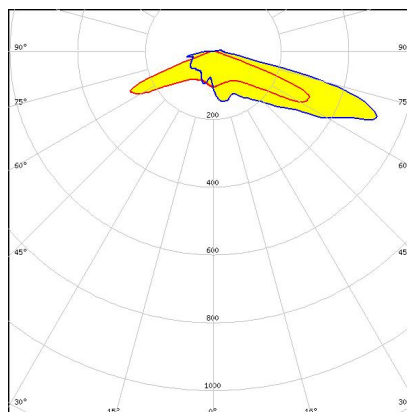
#### C14116\_STRADA-2X2-PX



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.00 mm**

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

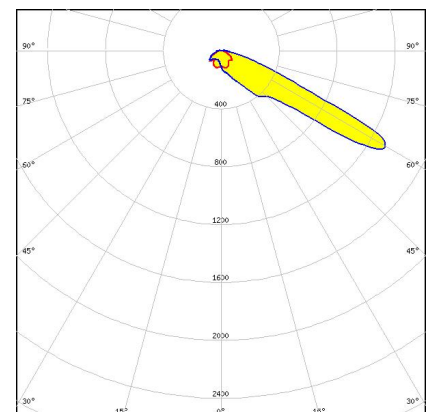
#### C15014\_STRADA-2X2-T4-B



**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

#### C15962\_STRADA-2X2-FS3

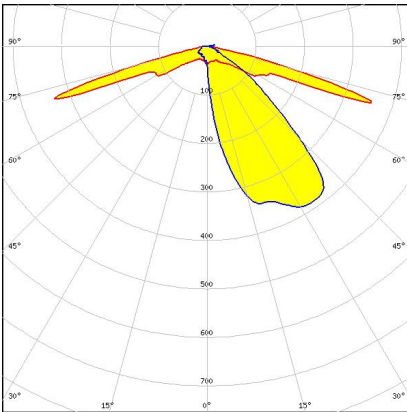


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 12.00 mm**

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

### PRODUCTS:

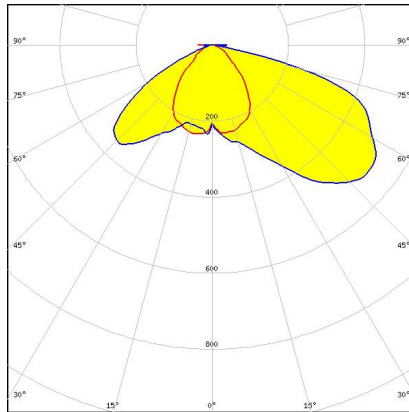
#### C16795\_STRADA-2X2-T2-M-PC



**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.

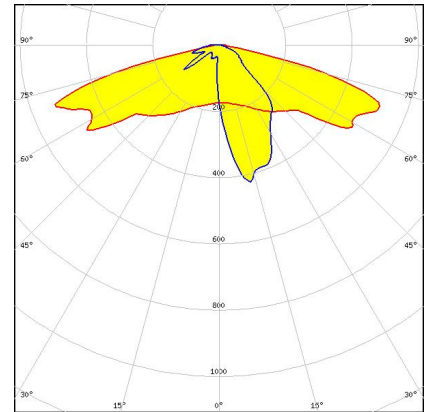
#### C17633\_STRADA-2X2-DB



**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.

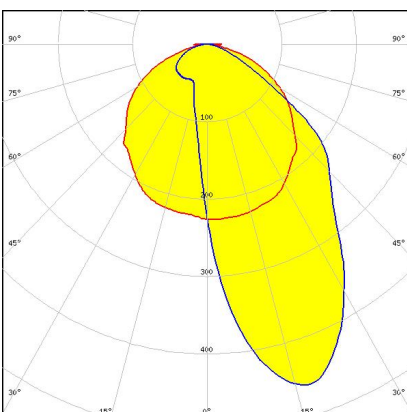
#### C13300\_STRADA-2X2-T2



**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

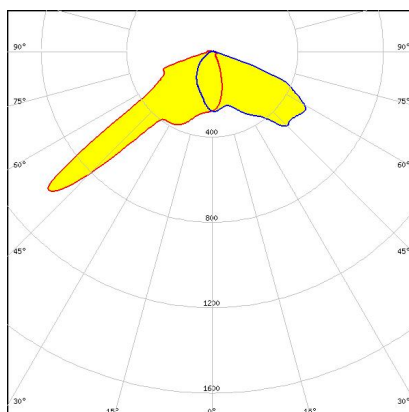
#### C14109\_STRADA-2X2-NHS



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.13 mm**

Narrow beam with minimal house side backlight

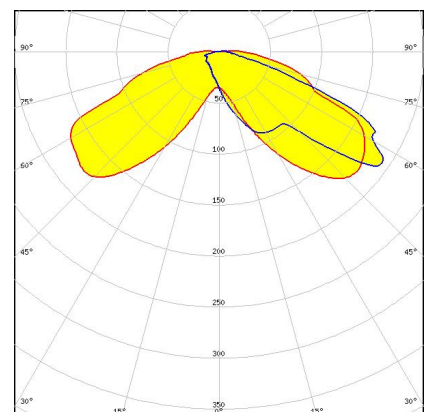
#### C14896\_STRADA-2X2-PXL



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.00 mm**

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

#### C15687\_STRADA-2X2-FW

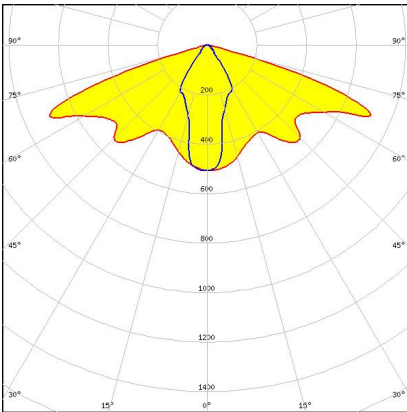


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.90 mm**

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

### PRODUCTS:

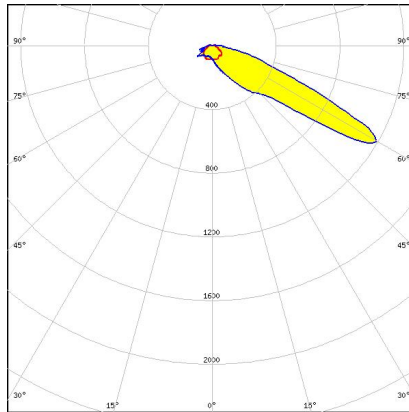
#### C16702\_STRADA-2X2-CAT-B-PC



**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.

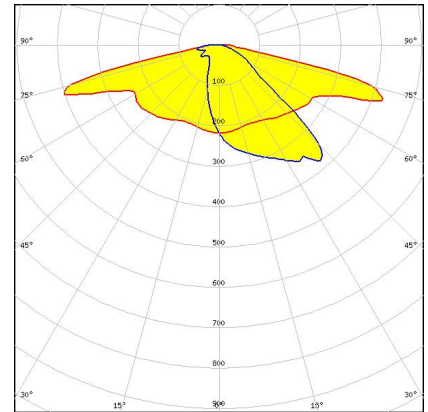
#### C17485\_STRADA-2X2-FS3-PC



**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.

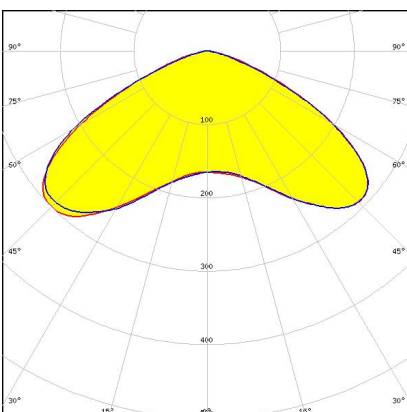
#### C13299\_STRADA-2X2-ME



**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

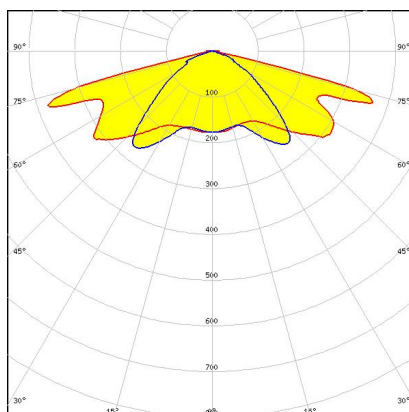
#### C13937\_STRADA-2X2-C-STP



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 5.30 mm**

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

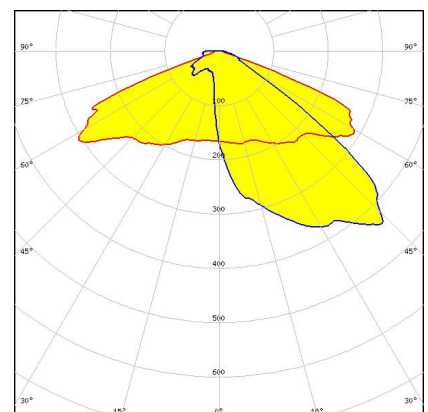
#### C14750\_STRADA-2X2-CAT



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 6.20 mm**

Catenary street light beam optimized for EN13201 M-classes

#### C15594\_STRADA-2X2-MEW

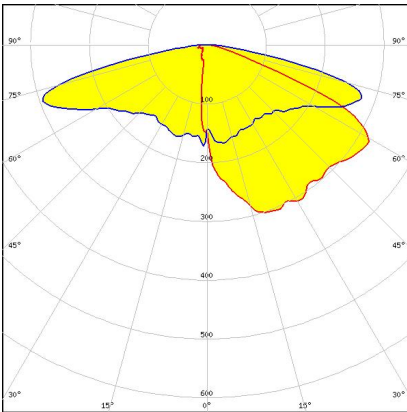


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.16 mm**

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

### PRODUCTS:

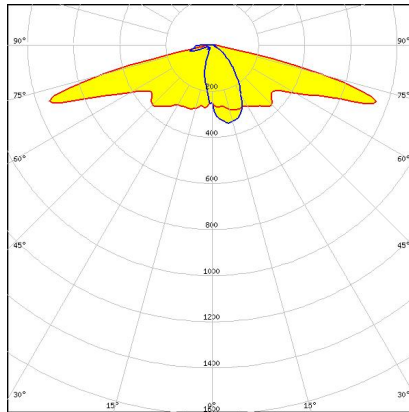
#### C16505\_STRADA-2X2-T3-M



**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

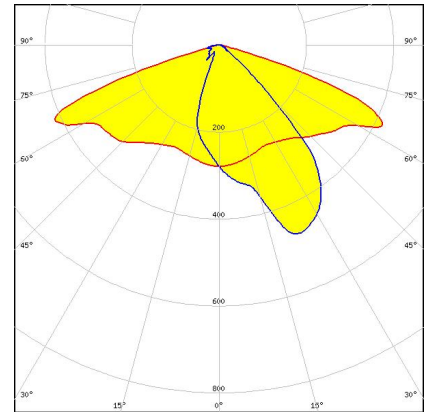
#### C17446\_STRADA-2X2-LN1



**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.

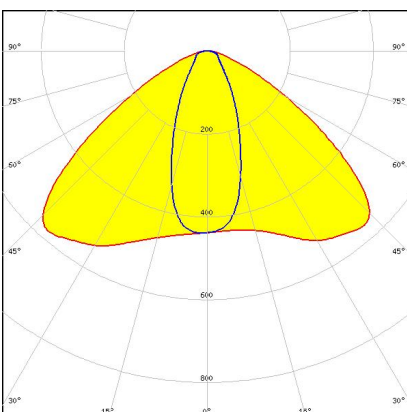
#### C12419\_STRADA-2X2-A-T



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.30 mm**

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

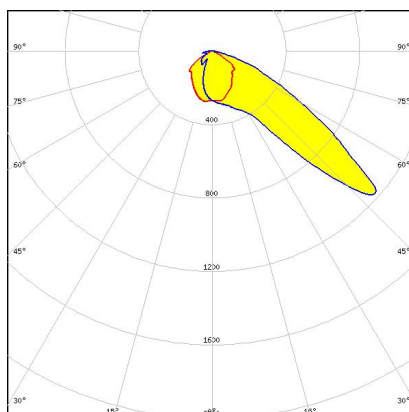
#### C13936\_STRADA-2X2-B2-STP



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 5.18 mm**

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

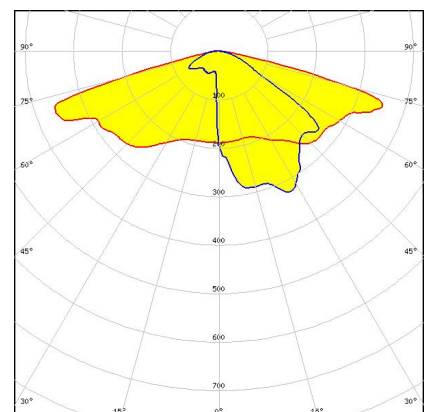
#### C14731\_STRADA-2X2-FN-PC



**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.

#### C15540\_STRADA-2X2-T3-PC

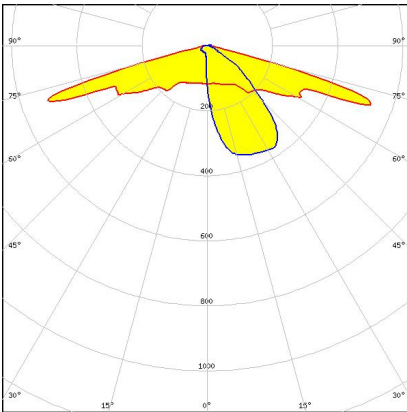


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.10 mm**

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

### PRODUCTS:

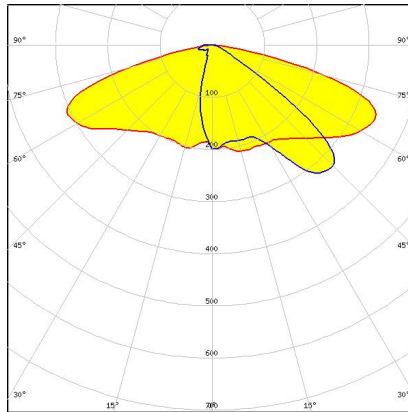
#### C16504\_STRADA-2X2-T2-M



**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

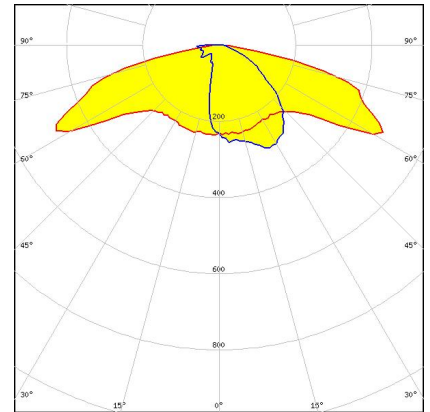
#### C17445\_STRADA-2X2-J1-PC



**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.

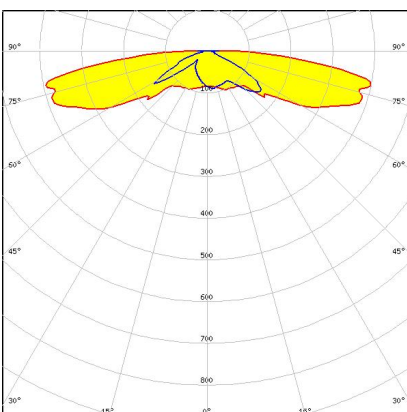
#### C12362\_STRADA-2X2-DWC



**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).

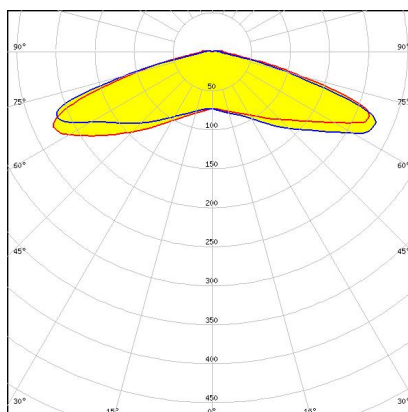
#### C13858\_STRADA-2X2-XW



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.10 mm**

Extra wide beam for wide area security lighting

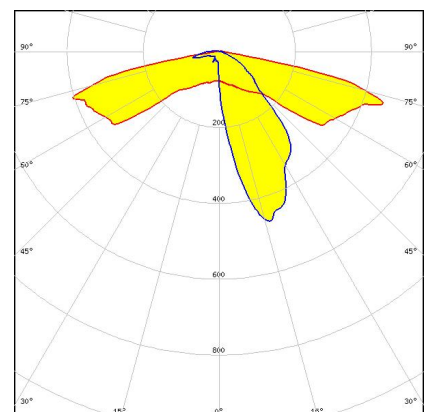
#### C14680\_STRADA-2X2-VSM



**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

#### C15413\_STRADA-2X2-T2-PC

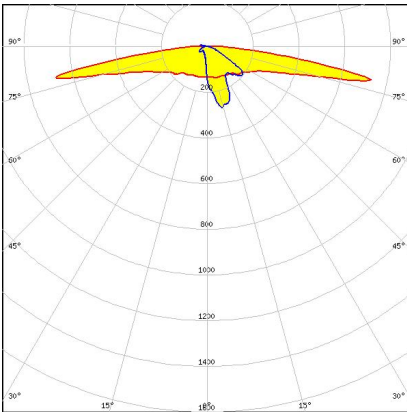


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.70 mm**

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

### PRODUCTS:

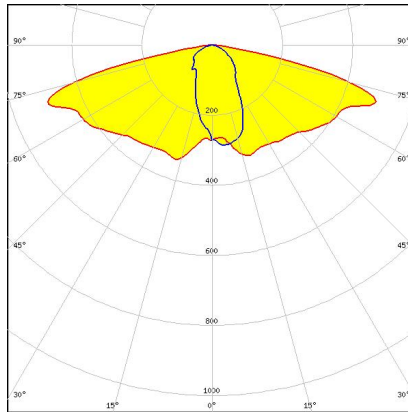
#### C16473\_STRADA-2X2-SCL-PC



**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. Varant made from PC.

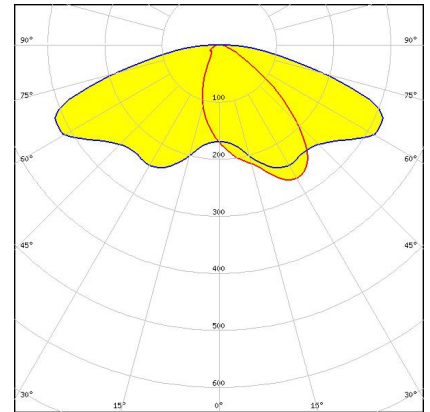
#### C17118\_STRADA-2X2-T1-M



**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.

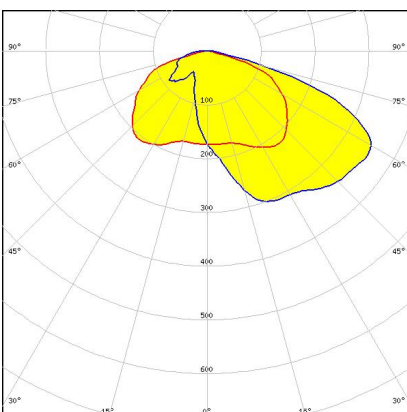
#### C12360\_STRADA-2X2-DNW



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 11.27 mm**

Soft wide beam with good illuminance uniformity

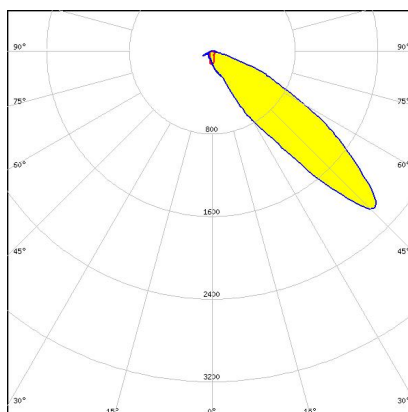
#### C13805\_STRADA-2X2-T4



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.70 mm**

IESNA Type IV beam for wider roads and large outdoor area

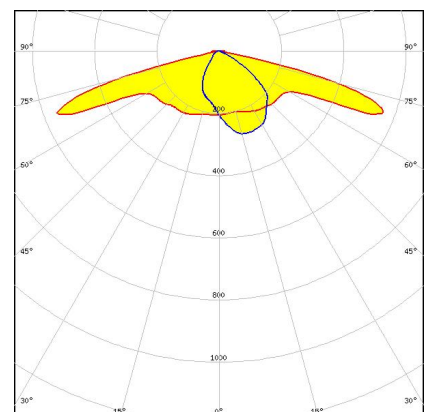
#### C14556\_STRADA-2X2-TF



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.73 mm**

Narrow forward throw beam optimized for European tunnels

#### C15292\_STRADA-2X2-T2-C

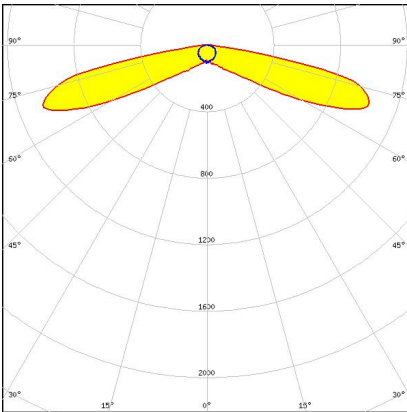


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.34 mm**

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

### PRODUCTS:

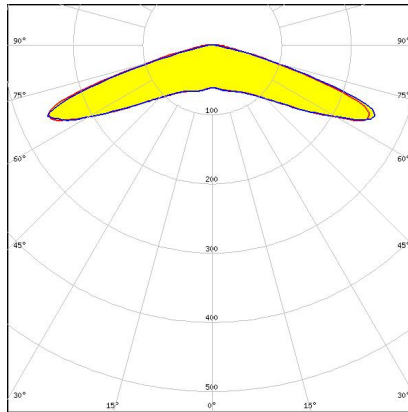
#### C16395\_STRADA-2X2-T1-PC



**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.

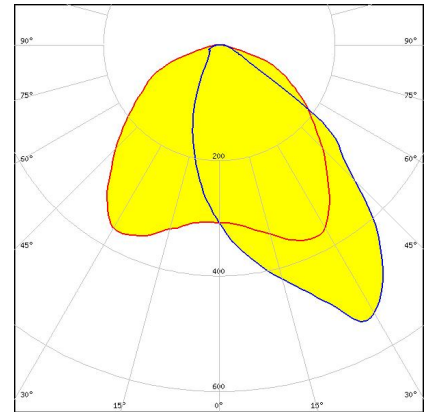
#### C17027\_STRADA-2X2-VSM-PC



**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.

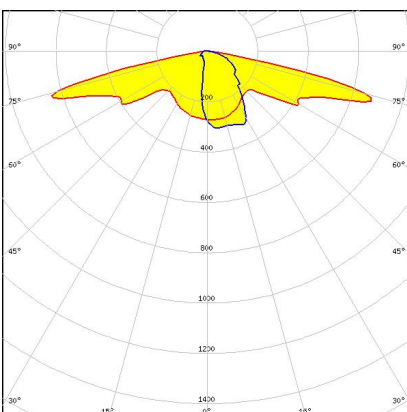
#### C13699\_STRADA-2X2-DN



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.05 mm**

Beam for area lighting with shorter illumination distances

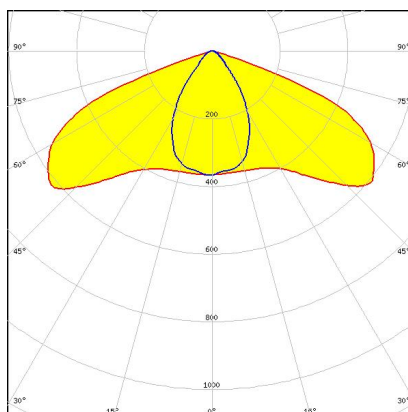
#### C14517\_STRADA-2X2-DWC-PC



**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.

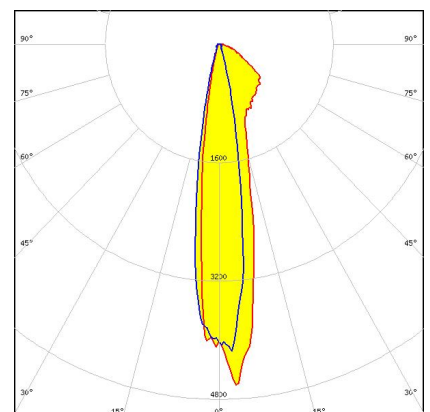
#### C15217\_STRADA-2X2-CAT-B



**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

#### C16378\_STRADA-2X2-FR

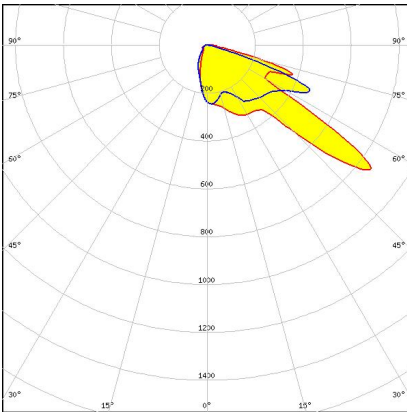


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 11.80 mm**

Asymmetric spotlight beam for floodlighting railway tracks according to Russian normative

### PRODUCTS:

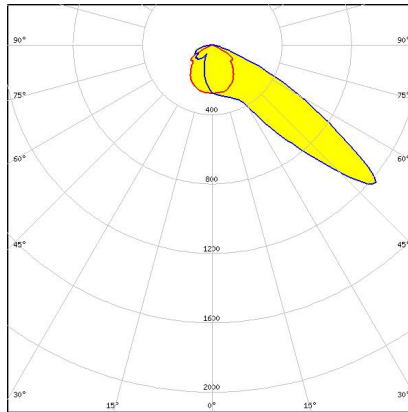
#### C16996\_STRADA-2X2-PX-PC



**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.

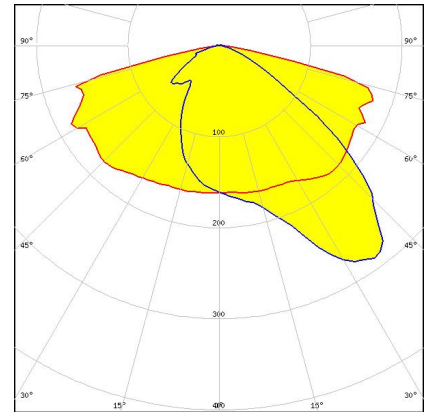
#### C13604\_STRADA-2X2-FN



**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.

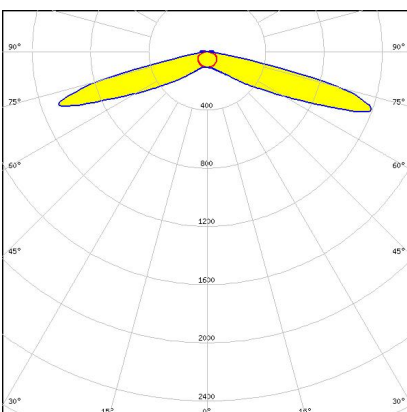
#### C14165\_STRADA-2X2-ME-WIDE2



**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

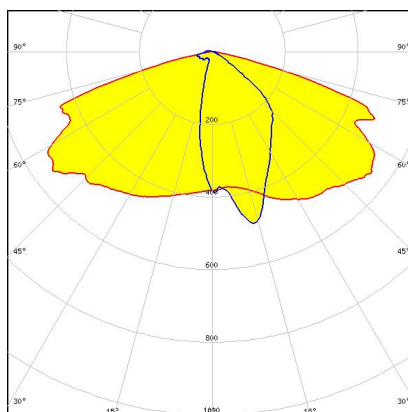
#### C15135\_STRADA-2X2-T1



**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

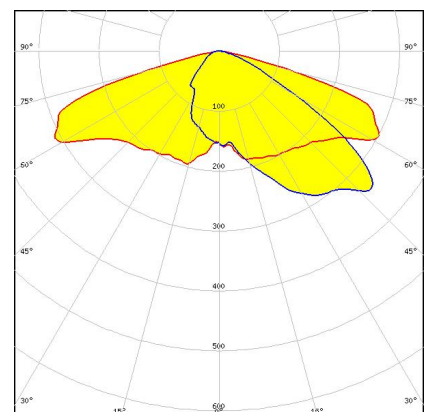
#### C16181\_STRADA-2X2-ME-N



**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

#### C16927\_STRADA-2X2-LW1

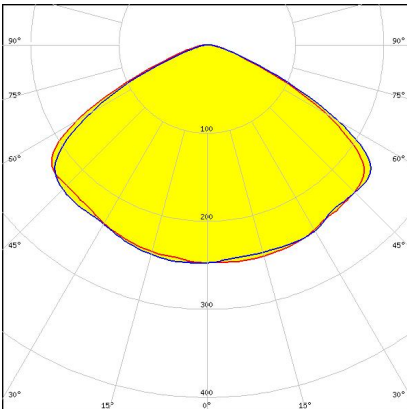


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.20 mm**

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

### PRODUCTS:

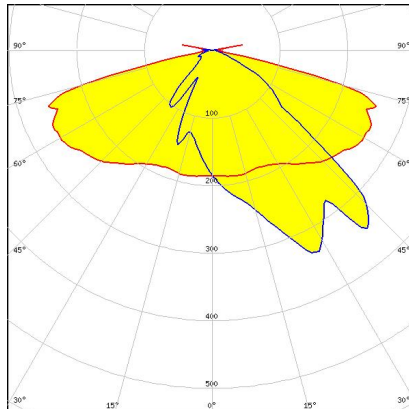
#### C13499\_STRADA-2X2-CY



**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.

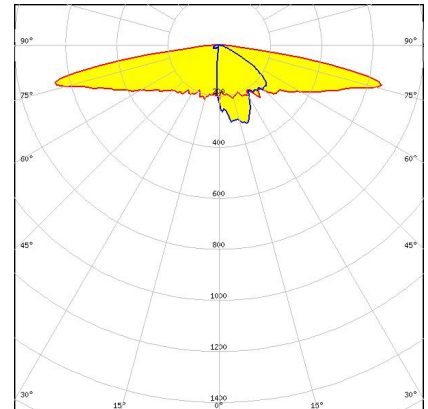
#### C14164\_STRADA-2X2-ME-WIDE1



**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.

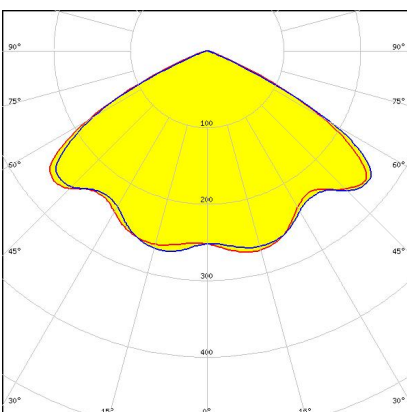
#### C15021\_STRADA-2X2-SCL



**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.

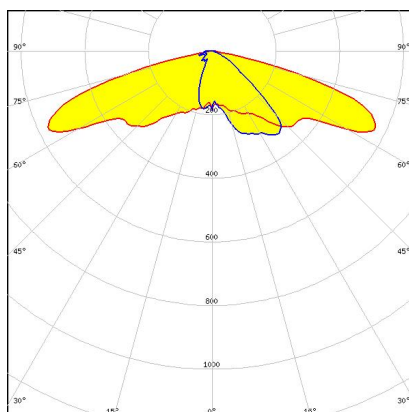
#### C16097\_STRADA-2X2-CY-PC



**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.

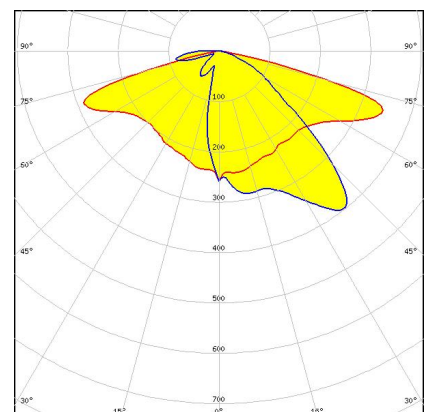
#### C16926\_STRADA-2X2-LM1



**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.09 mm**

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

#### C17634\_STRADA-2X2-LM2

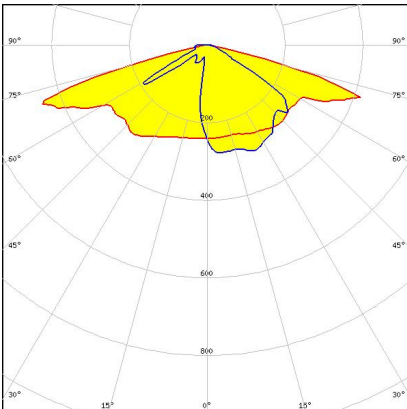


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 6.60 mm**

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

## PRODUCTS:

### 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

### 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 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salu, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)