

### 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.

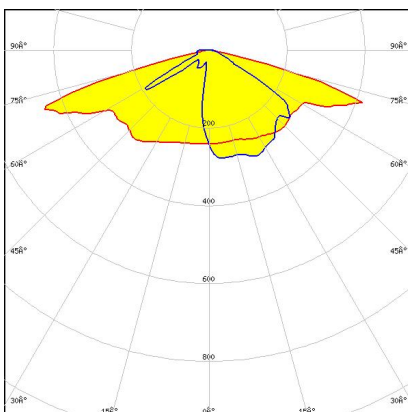
### STRADA-2X2

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



### PRODUCTS:

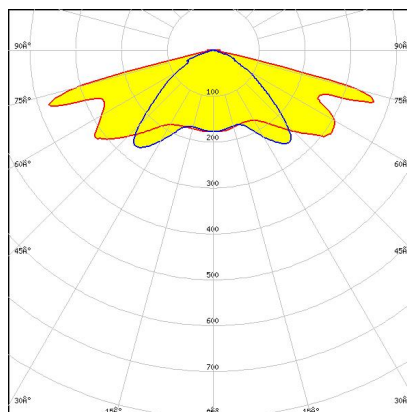
#### C13301\_STRADA-2X2-T3



**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

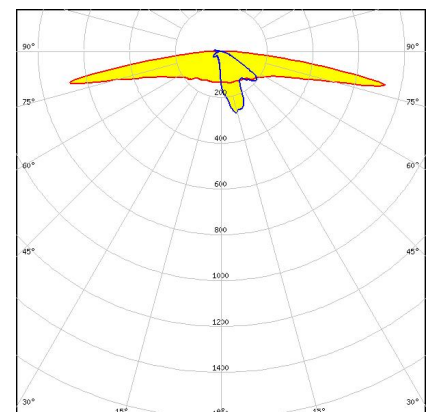
#### C14750\_STRADA-2X2-CAT



**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

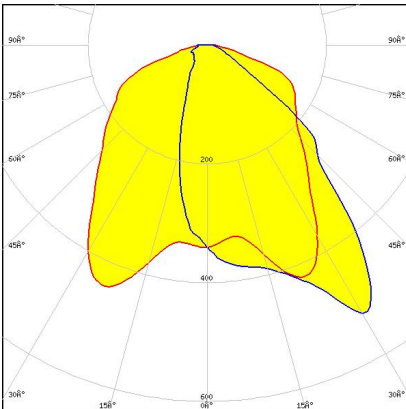


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.80 mm**

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.

### PRODUCTS:

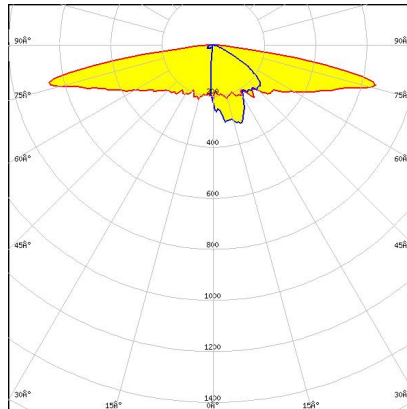
#### C13699\_STRADA-2X2-DN



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

Beam for area lighting with shorter illumination distances

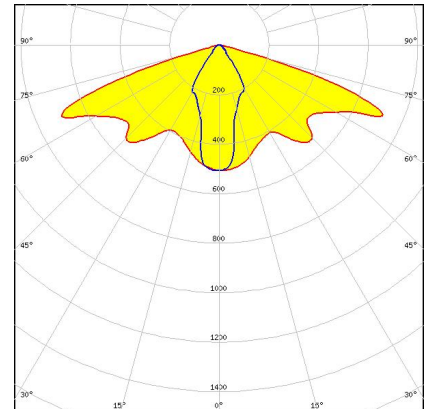
#### C15021\_STRADA-2X2-SCL



**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.

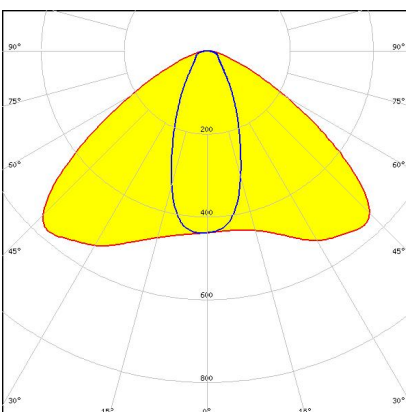
#### C16702\_STRADA-2X2-CAT-B-PC



**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.

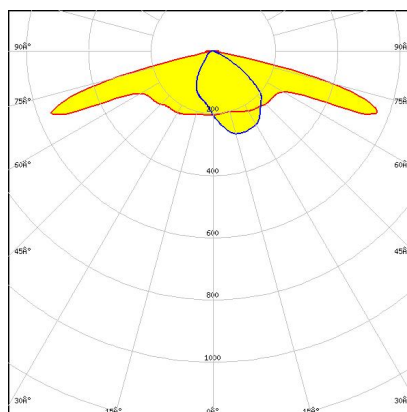
#### C13936\_STRADA-2X2-B2-STP



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

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

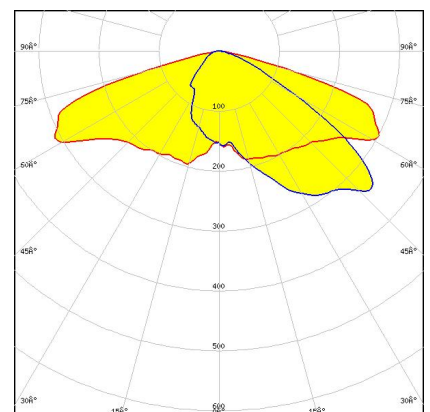
#### C15292\_STRADA-2X2-T2-C



**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.

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

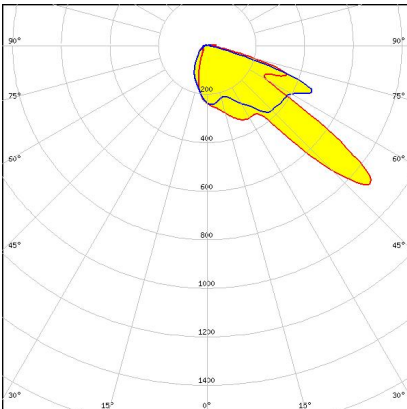


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.20 mm**

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

### PRODUCTS:

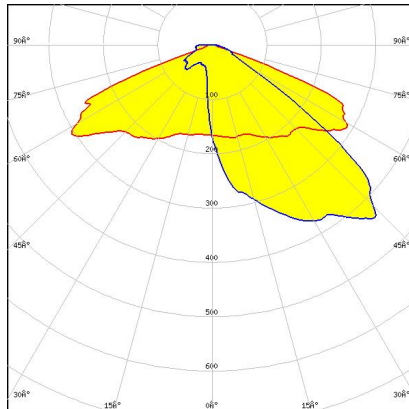
#### C14116\_STRADA-2X2-PX



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

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

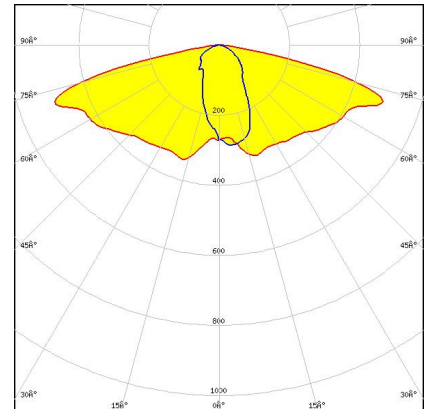
#### C15594\_STRADA-2X2-MEW



**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

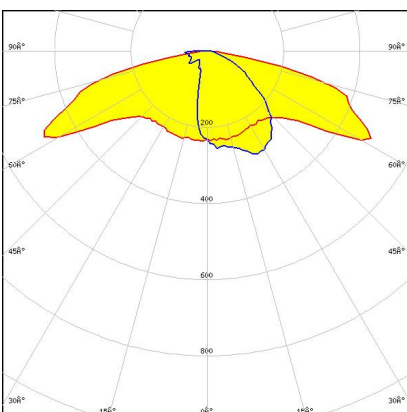
#### C17118\_STRADA-2X2-T1-M



**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.

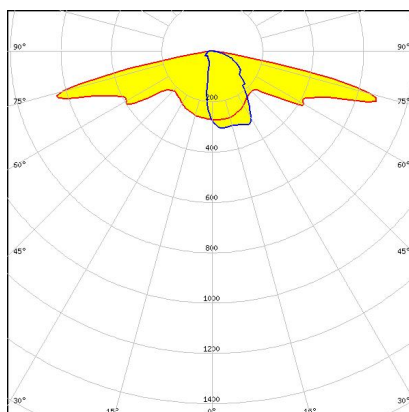
#### C12362\_STRADA-2X2-DWC



**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).

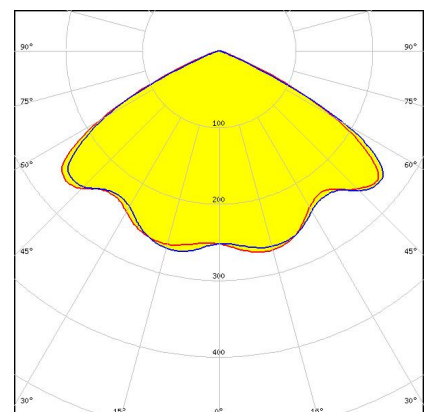
#### C14517\_STRADA-2X2-DWC-PC



**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

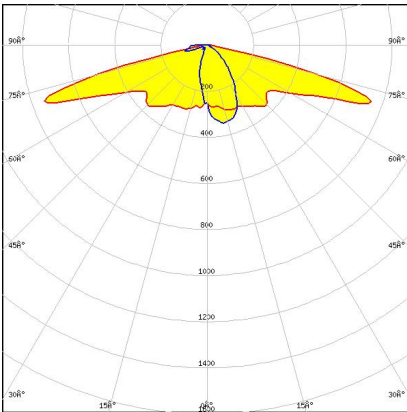


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 5.95 mm**

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

### PRODUCTS:

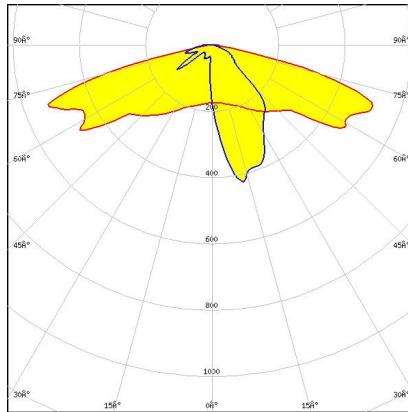
#### C17446\_STRADA-2X2-LN1



**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.

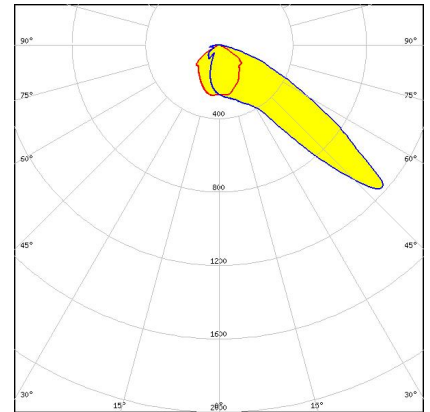
#### C13300\_STRADA-2X2-T2



**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

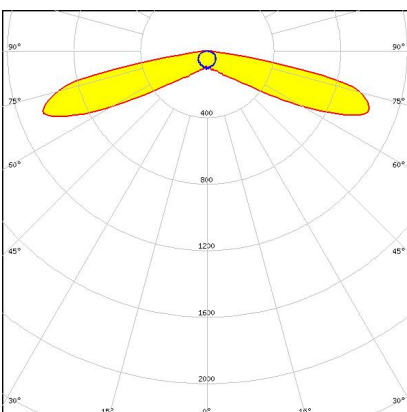
#### C14731\_STRADA-2X2-FN-PC



**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.

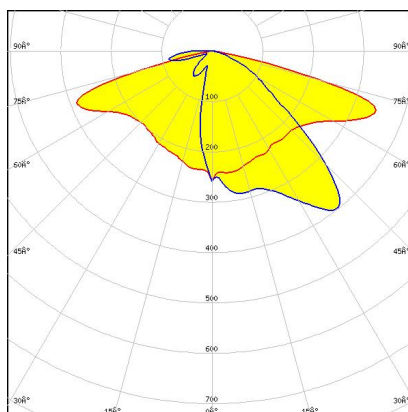
#### C16395\_STRADA-2X2-T1-PC



**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.

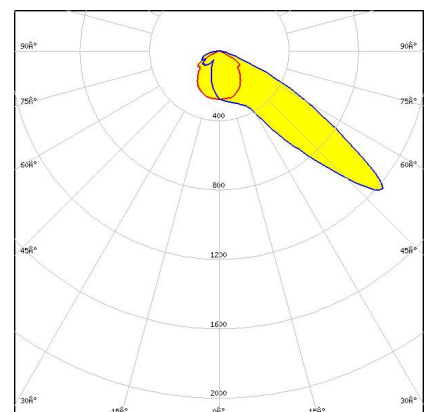
#### C17634\_STRADA-2X2-LM2



**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



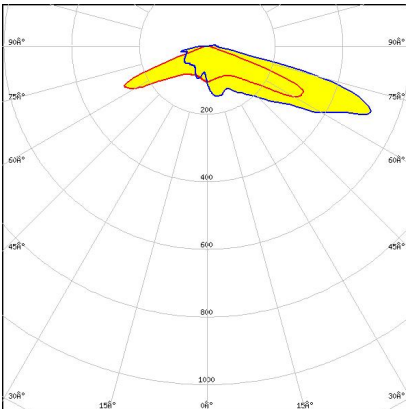
**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.00 mm**

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



### PRODUCTS:

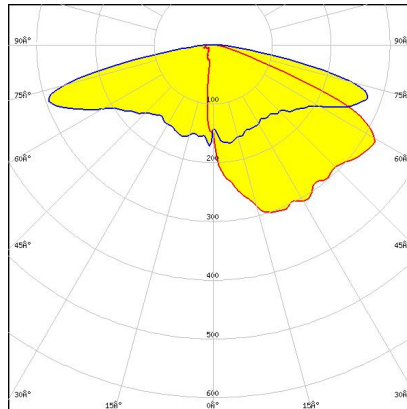
#### C15014\_STRADA-2X2-T4-B



**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

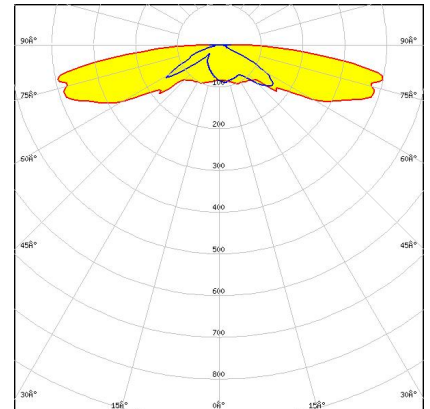
#### C16505\_STRADA-2X2-T3-M



**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

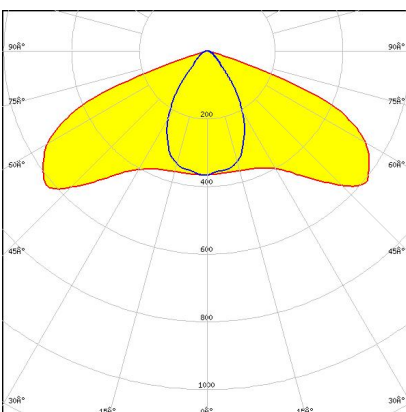
#### C13858\_STRADA-2X2-XW



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

Extra wide beam for wide area security lighting

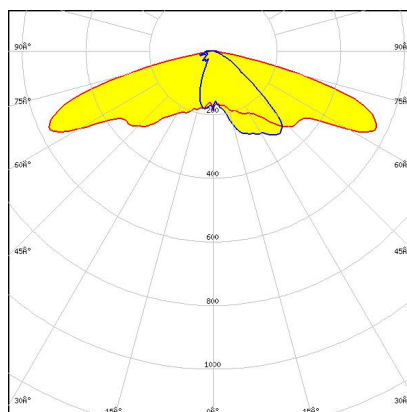
#### C15217\_STRADA-2X2-CAT-B



**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

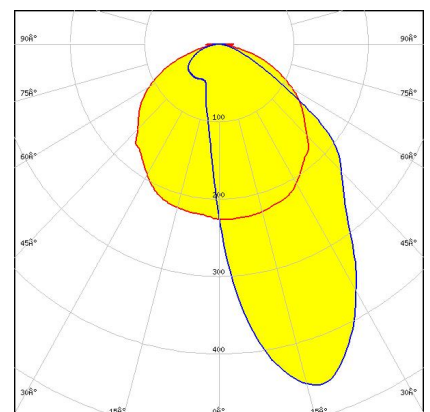
#### C16926\_STRADA-2X2-LM1



**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.

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

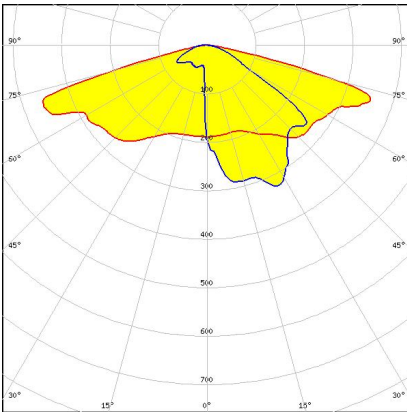


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.13 mm**

Narrow beam with minimal house side backlight

### PRODUCTS:

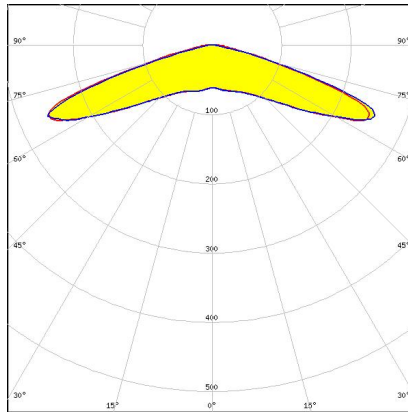
#### C15540\_STRADA-2X2-T3-PC



**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.

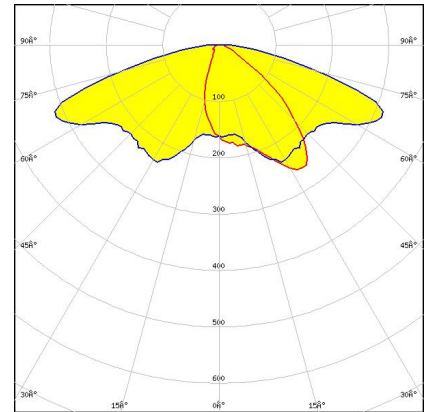
#### C17027\_STRADA-2X2-VSM-PC



**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.

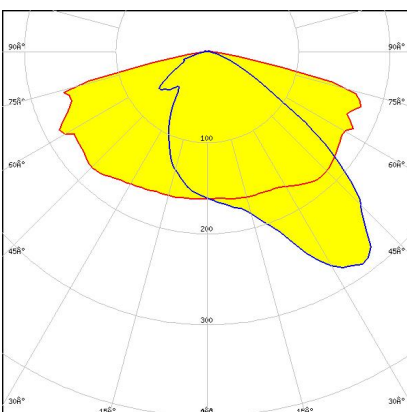
#### C12360\_STRADA-2X2-DNW



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

Soft wide beam with good illuminance uniformity

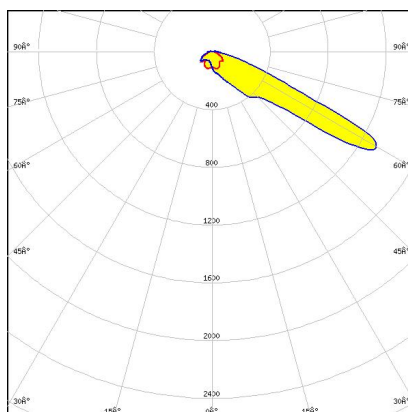
#### C14165\_STRADA-2X2-ME-WIDE2



**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

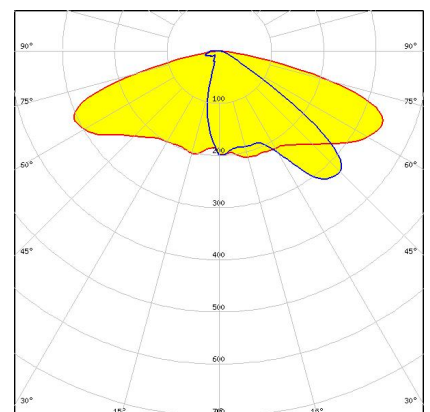
#### C15962\_STRADA-2X2-FS3



**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

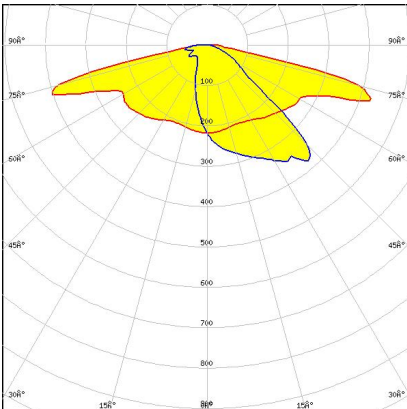


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.10 mm**

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

### PRODUCTS:

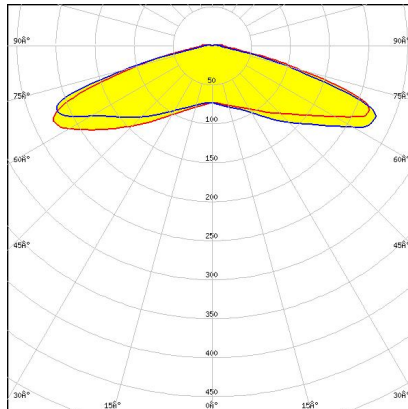
#### C13299\_STRADA-2X2-ME



**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

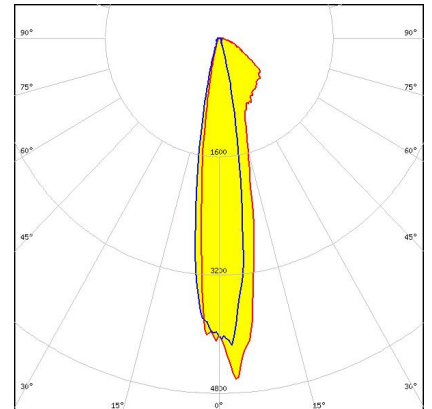
#### C14680\_STRADA-2X2-VSM



**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

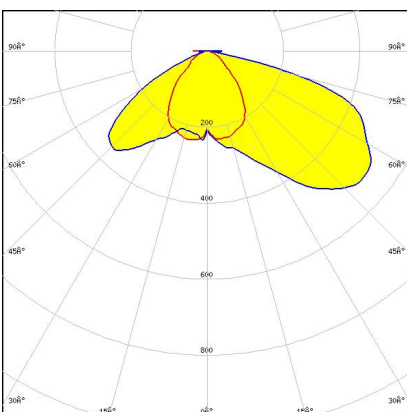
#### C16378\_STRADA-2X2-FR



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

Asymmetric spotlight beam for  
floodlighting railway tracks according to  
Russian normative

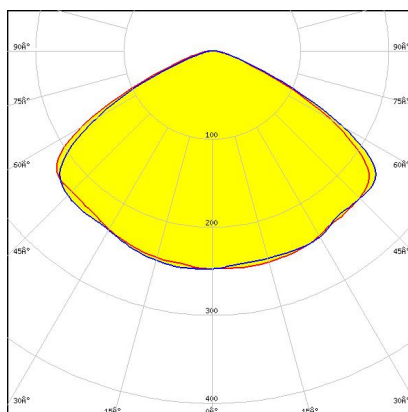
#### C17633\_STRADA-2X2-DB



**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.

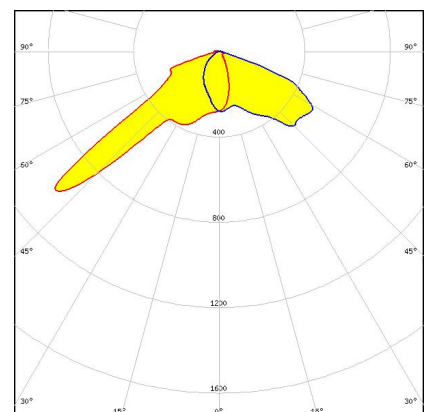
#### C13499\_STRADA-2X2-CY



**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

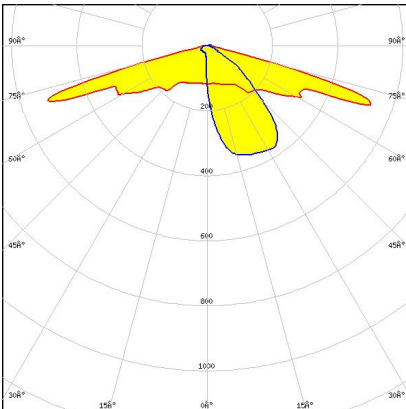


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.00 mm**

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

### PRODUCTS:

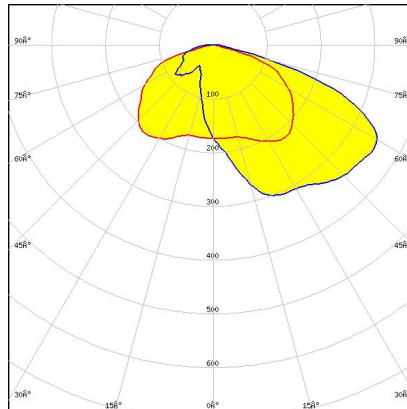
#### C16504\_STRADA-2X2-T2-M



**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

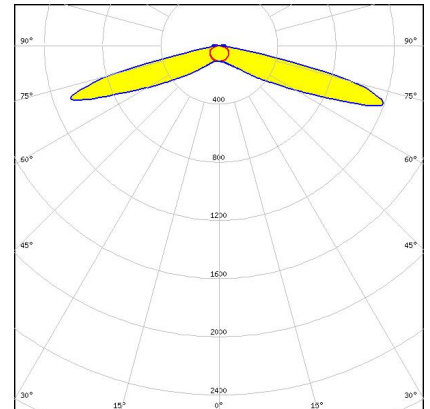
#### C13805\_STRADA-2X2-T4



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

IESNA Type IV beam for wider roads and large outdoor area

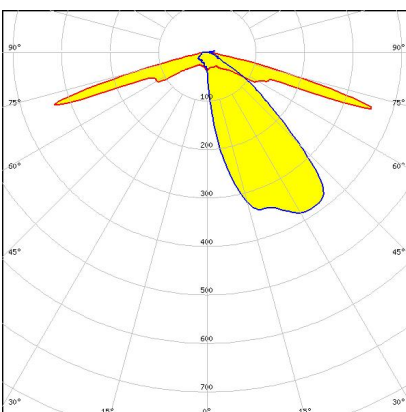
#### C15135\_STRADA-2X2-T1



**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

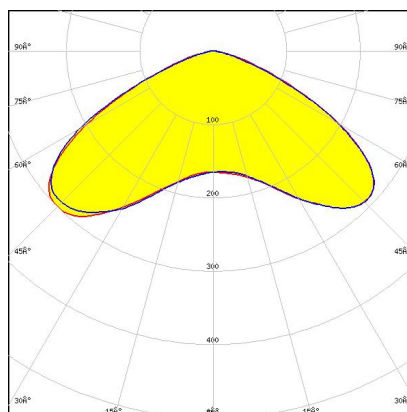
#### C16795\_STRADA-2X2-T2-M-PC



**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.

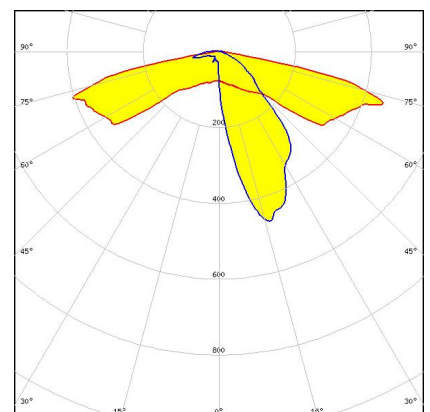
#### C13937\_STRADA-2X2-C-STP



**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



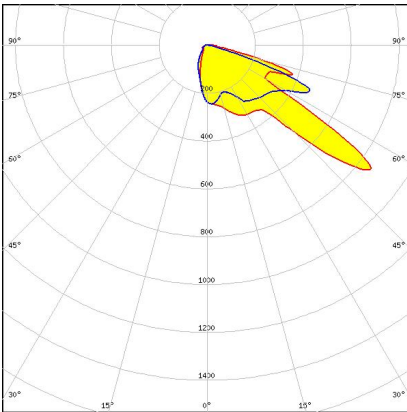
**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.70 mm**

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



### PRODUCTS:

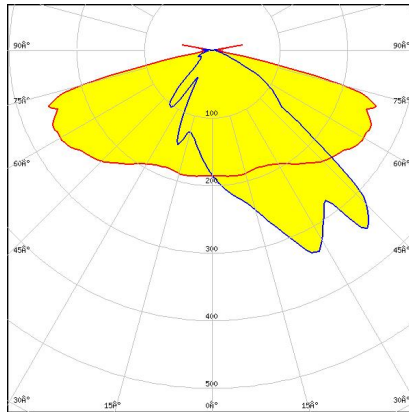
#### C16996\_STRADA-2X2-PX-PC



**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.

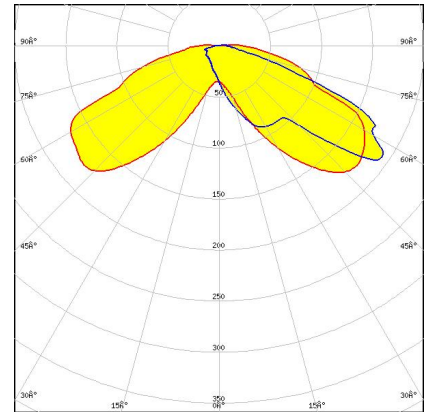
#### C14164\_STRADA-2X2-ME-WIDE1



**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.

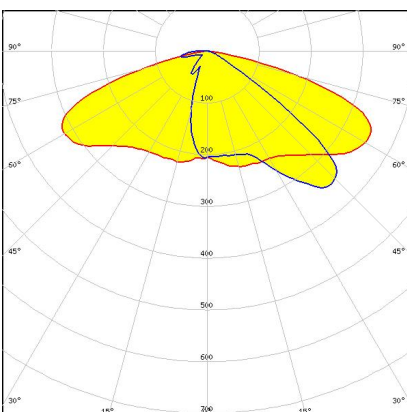
#### C15687\_STRADA-2X2-FW



**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

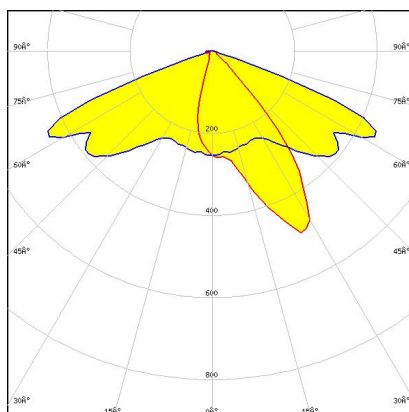
#### C17444\_STRADA-2X2-J1



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

Low glare street lighting optic for European and Japanese requirements.

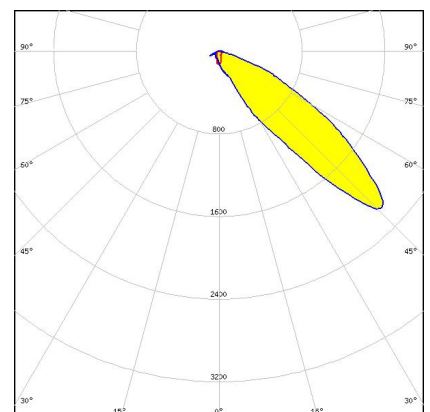
#### C12419\_STRADA-2X2-A-T



**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

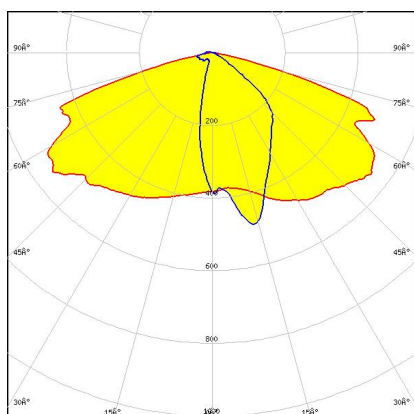


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 8.73 mm**

Narrow forward throw beam optimized for European tunnels

### PRODUCTS:

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

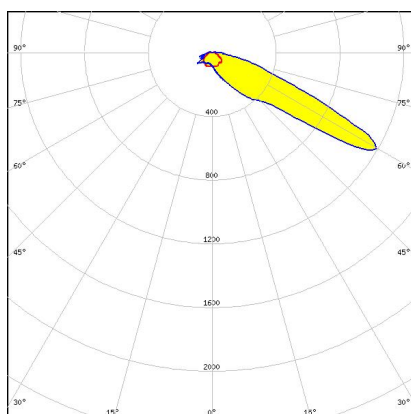


**Dimensions: 50.0 mm x 50.0 mm**

**Height: 9.70 mm**

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

#### 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.

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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#### 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

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