

### 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.

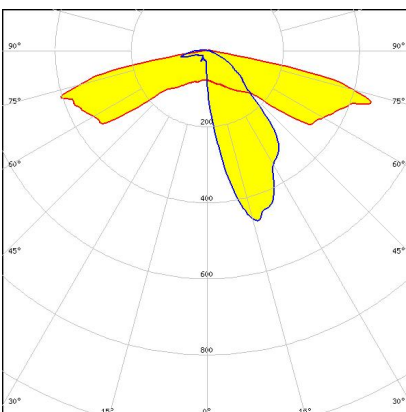
### STRADA-2X2

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



### PRODUCTS:

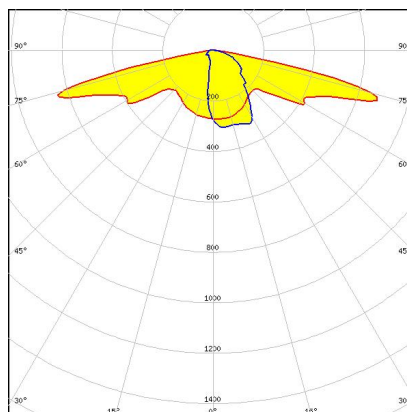
C15413\_STRADA-2X2-T2-PC



**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.

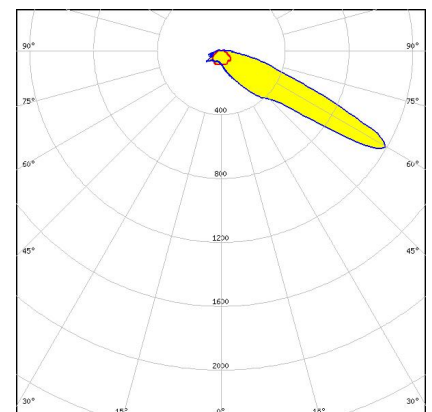
C14517\_STRADA-2X2-DWC-PC



**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

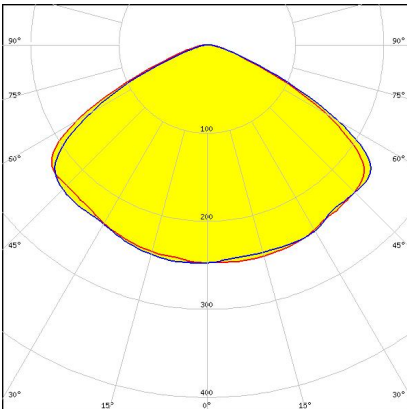


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 12.00 mm**

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

### PRODUCTS:

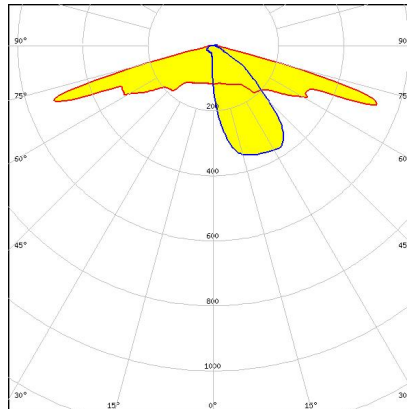
#### C13499\_STRADA-2X2-CY



**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.

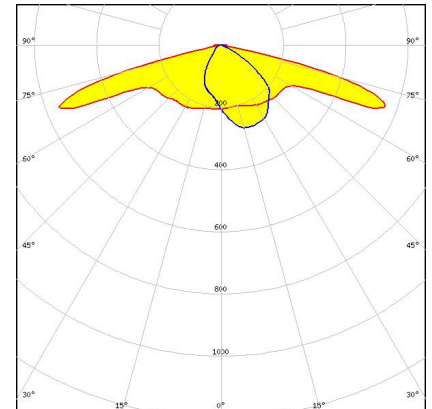
#### C16504\_STRADA-2X2-T2-M



**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

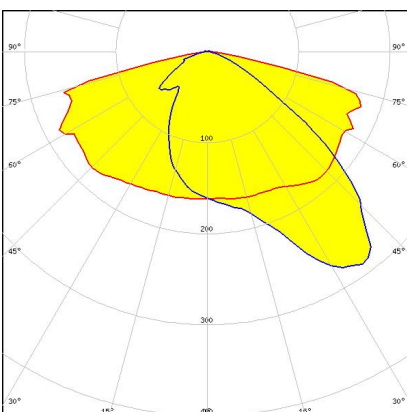
#### C15292\_STRADA-2X2-T2-C



**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.

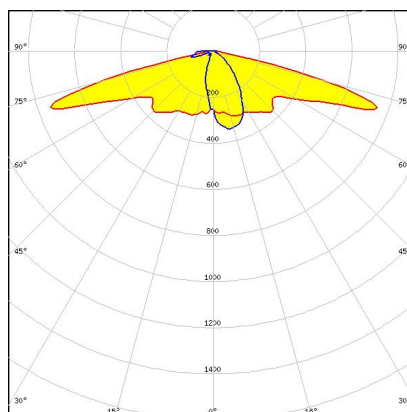
#### C14165\_STRADA-2X2-ME-WIDE2



**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

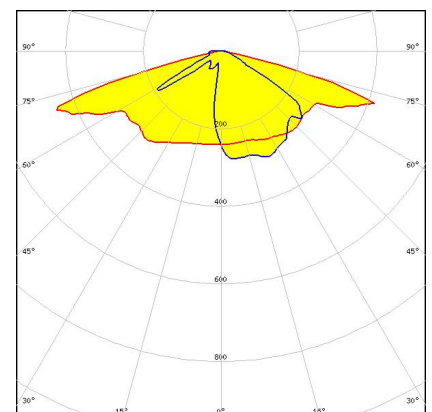
#### C17446\_STRADA-2X2-LN1



**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

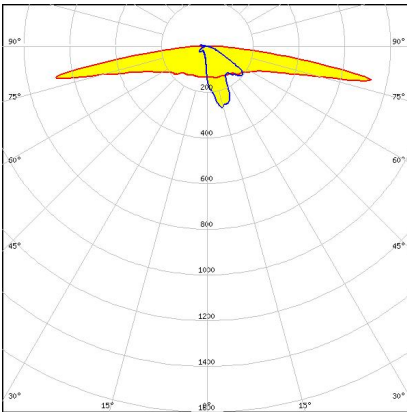


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.10 mm**

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

### PRODUCTS:

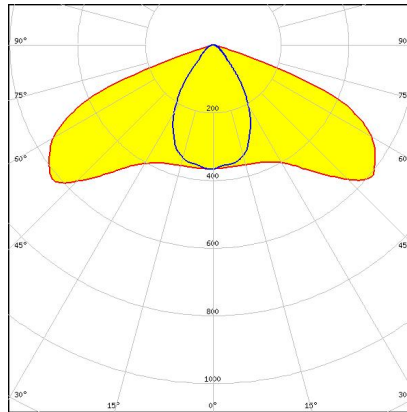
**C16473\_STRADA-2X2-SCL-PC**



**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.

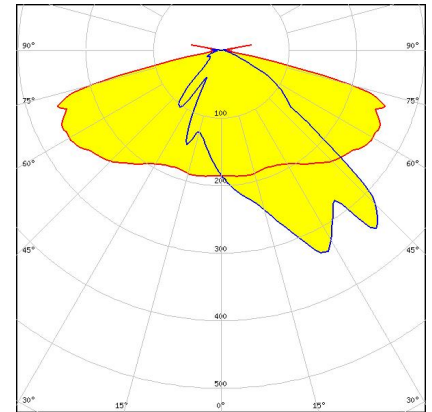
**C15217\_STRADA-2X2-CAT-B**



**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

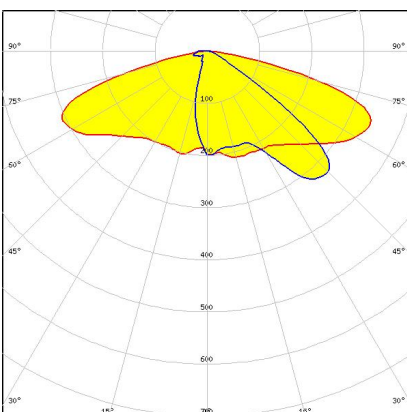
**C14164\_STRADA-2X2-ME-WIDE1**



**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.

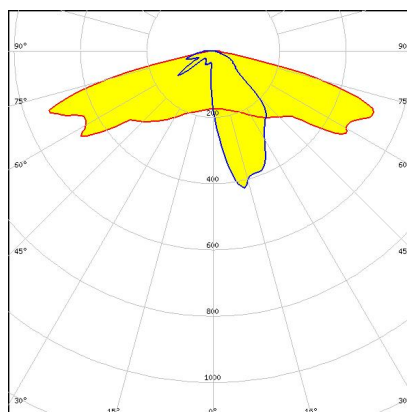
**C17445\_STRADA-2X2-J1-PC**



**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.

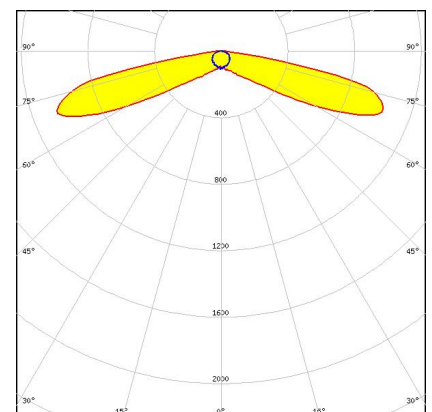
**C13300\_STRADA-2X2-T2**



**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**

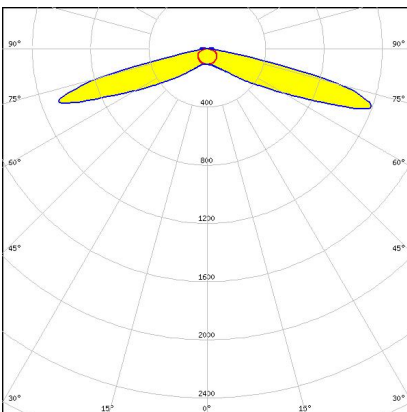


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.78 mm**

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

### PRODUCTS:

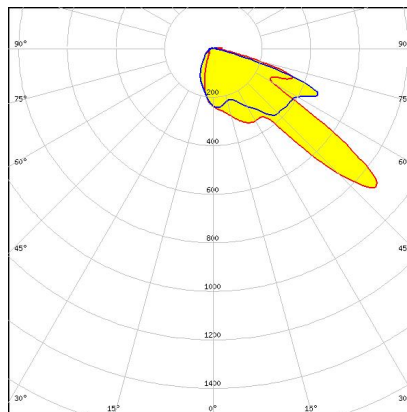
#### C15135\_STRADA-2X2-T1



**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

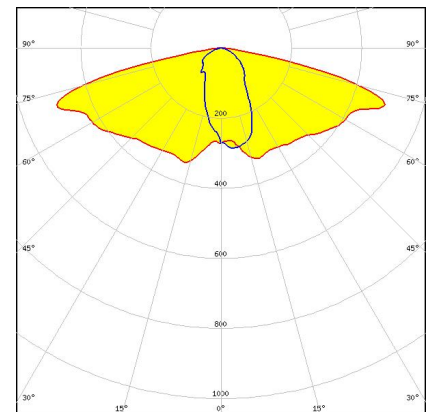
#### C14116\_STRADA-2X2-PX



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

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

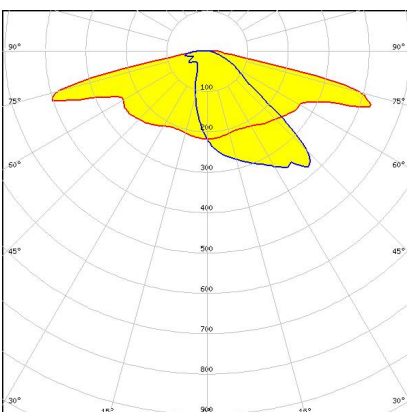
#### C17118\_STRADA-2X2-T1-M



**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.

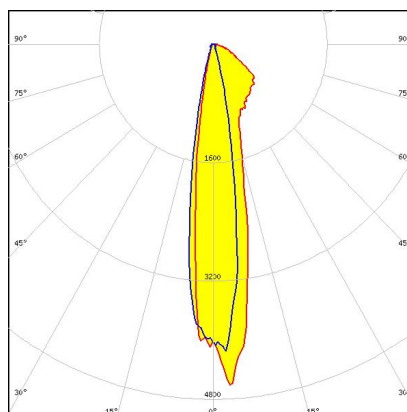
#### C13299\_STRADA-2X2-ME



**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

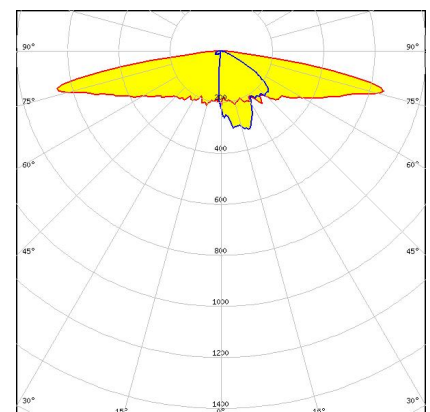
#### C16378\_STRADA-2X2-FR



**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

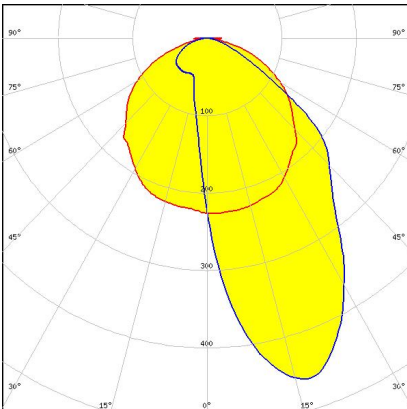


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.80 mm**

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

### PRODUCTS:

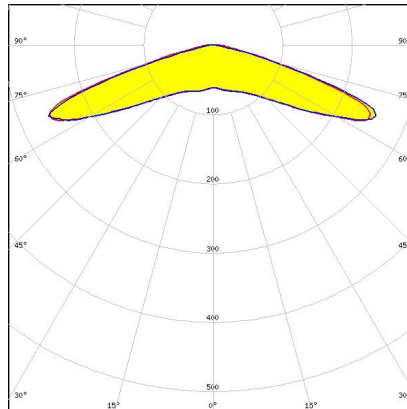
C14109\_STRADA-2X2-NHS



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

Narrow beam with minimal house side  
backlight

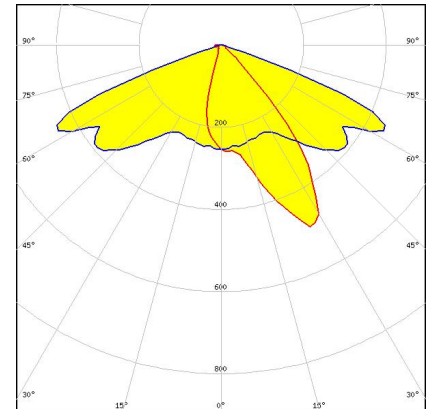
C17027\_STRADA-2X2-VSM-PC



**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.

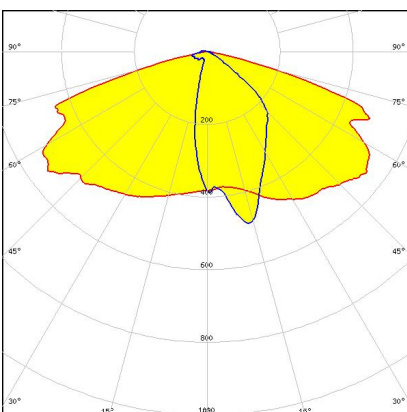
C12419\_STRADA-2X2-A-T



**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

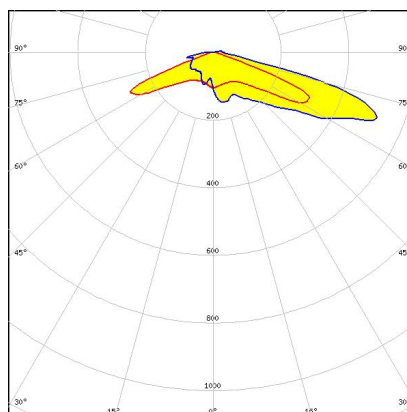
C16181\_STRADA-2X2-ME-N



**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

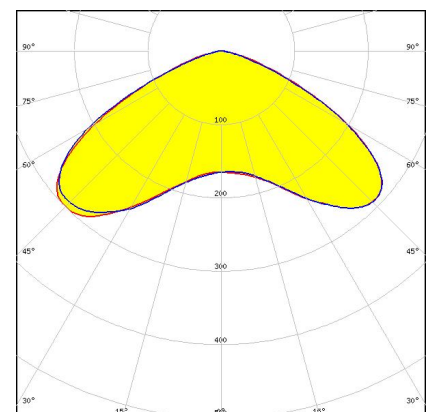
C15014\_STRADA-2X2-T4-B



**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

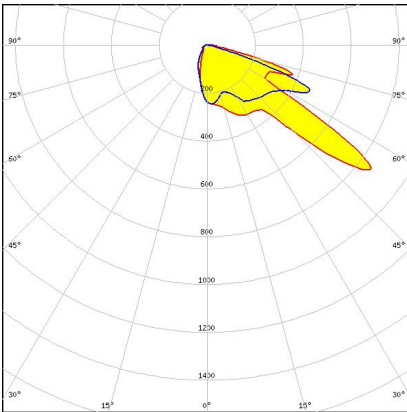


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 5.30 mm**

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

### PRODUCTS:

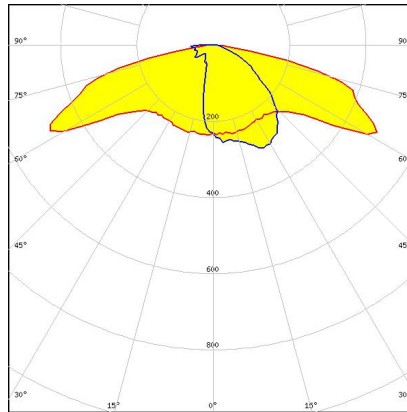
#### C16996\_STRADA-2X2-PX-PC



**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.

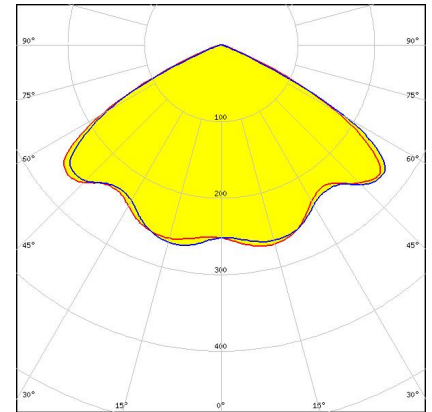
#### C12362\_STRADA-2X2-DWC



**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).

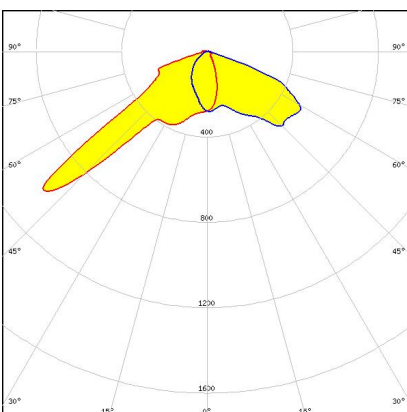
#### C16097\_STRADA-2X2-CY-PC



**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.

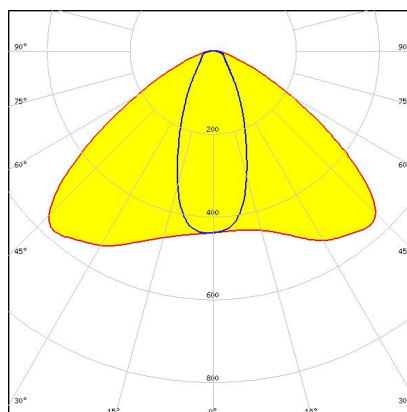
#### C14896\_STRADA-2X2-PXL



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

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

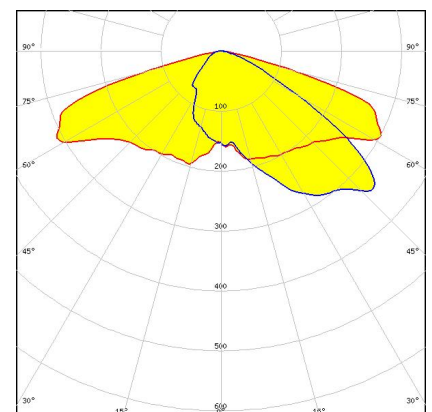
#### C13936\_STRADA-2X2-B2-STP



**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

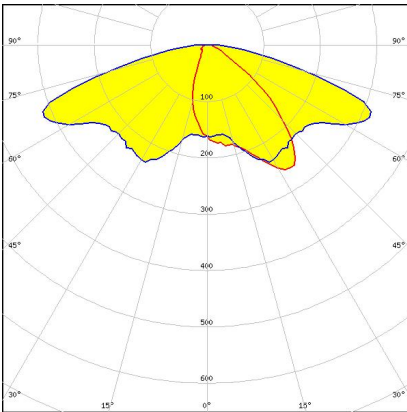


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 7.20 mm**

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

### PRODUCTS:

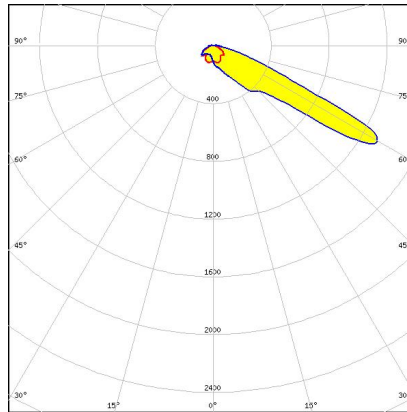
#### C12360\_STRADA-2X2-DNW



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

Soft wide beam with good illuminance uniformity

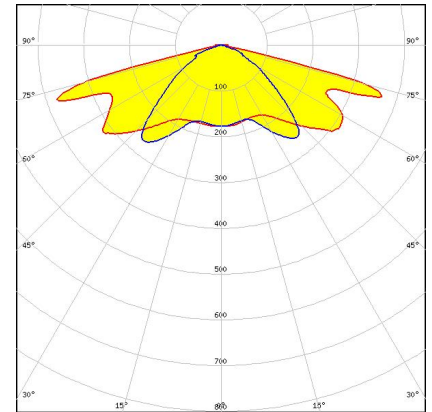
#### C15962\_STRADA-2X2-FS3



**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.

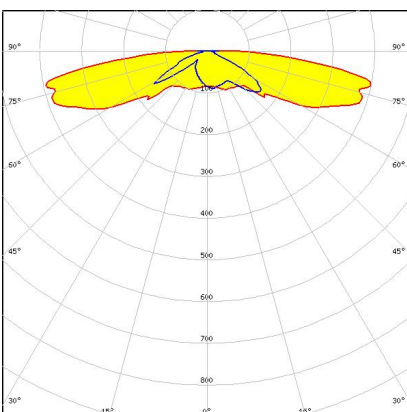
#### C14750\_STRADA-2X2-CAT



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

Catenary street light beam optimized for EN13201 M-classes

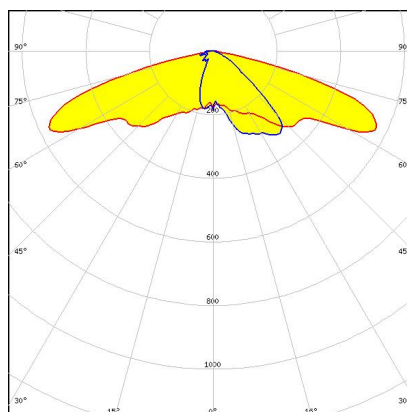
#### C13858\_STRADA-2X2-XW



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

Extra wide beam for wide area security lighting

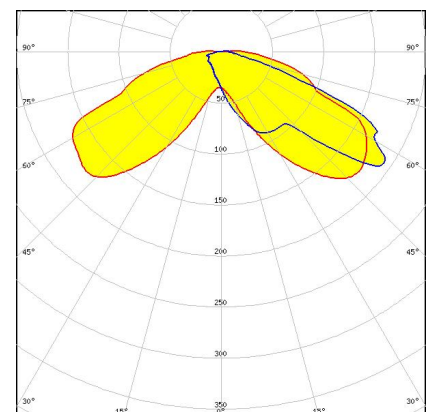
#### C16926\_STRADA-2X2-LM1



**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

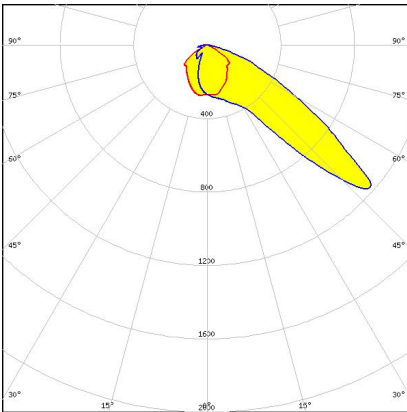


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.90 mm**

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

### PRODUCTS:

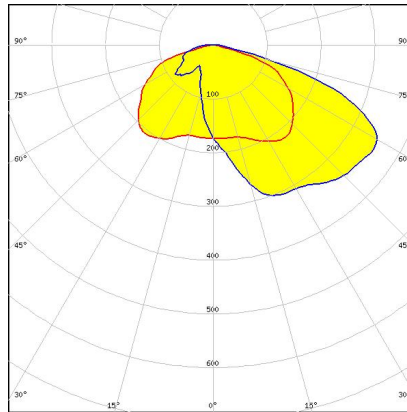
#### C14731\_STRADA-2X2-FN-PC



**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.

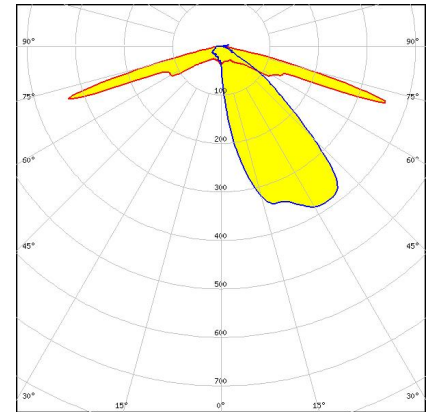
#### C13805\_STRADA-2X2-T4



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

IESNA Type IV beam for wider roads and large outdoor area

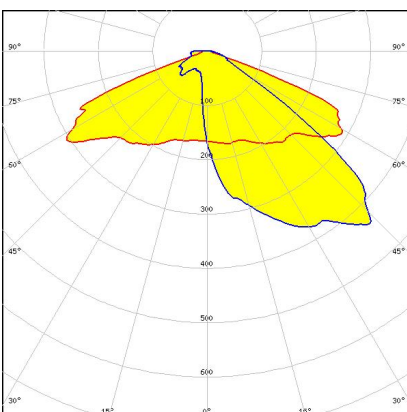
#### C16795\_STRADA-2X2-T2-M-PC



**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.

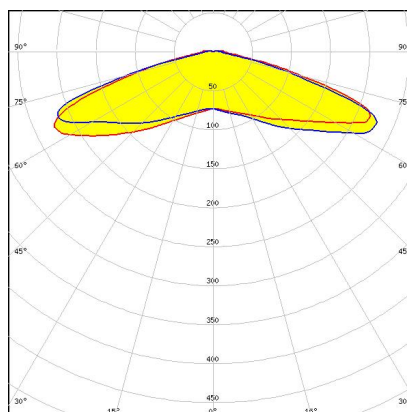
#### C15594\_STRADA-2X2-MEW



**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

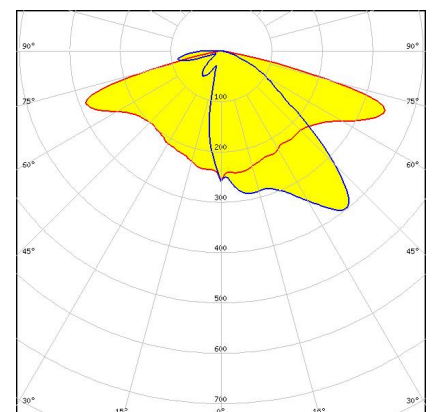
#### C14680\_STRADA-2X2-VSM



**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



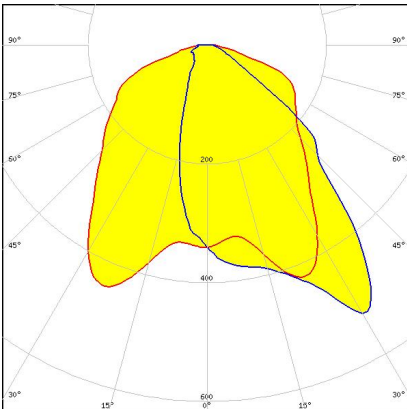
**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 6.60 mm**

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



### PRODUCTS:

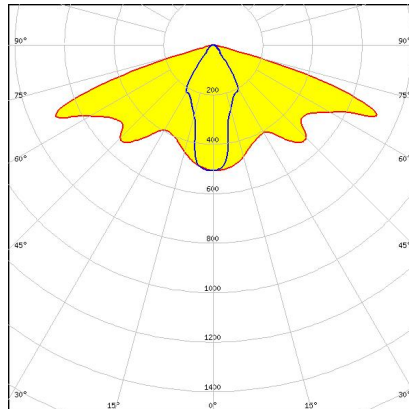
#### C13699\_STRADA-2X2-DN



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

Beam for area lighting with shorter illumination distances

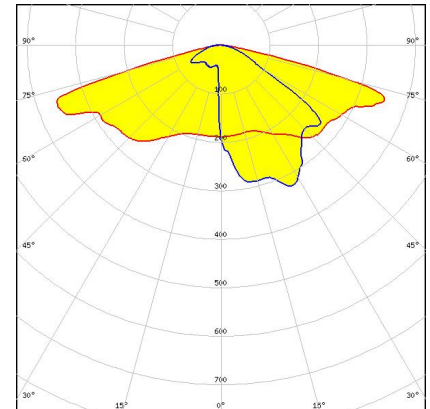
#### C16702\_STRADA-2X2-CAT-B-PC



**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.

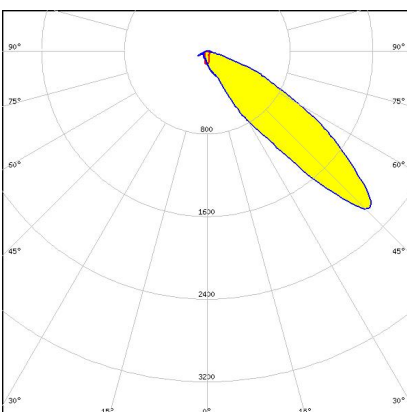
#### C15540\_STRADA-2X2-T3-PC



**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.

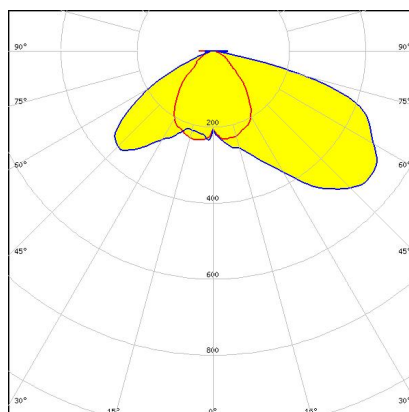
#### C14556\_STRADA-2X2-TF



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

Narrow forward throw beam optimized for European tunnels

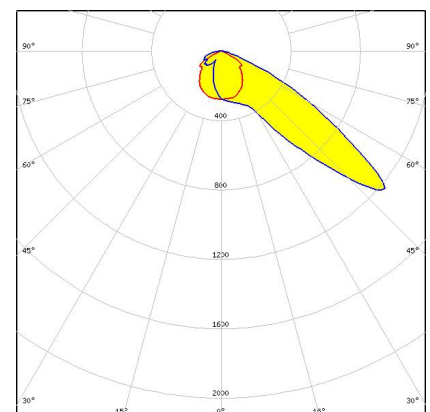
#### C17633\_STRADA-2X2-DB



**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

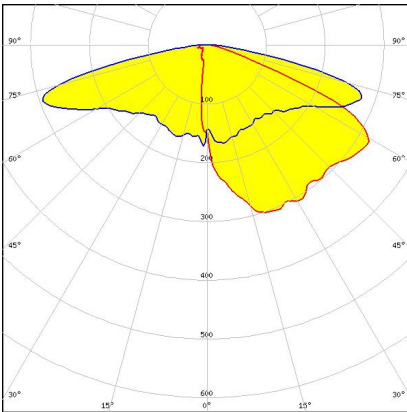


**Dimensions: 50.0 mm x 50.0 mm**  
**Height: 10.00 mm**

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

## 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

### 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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