

## STRADA-2X2

Industrial standard modules with widest range of beams

STRADA-2X2 optics with a standardized 50 x 50 mm modular footprint are easily adaptable to different luminaire designs and applications. Being the original inventor of 2X2 modules LEDiL provides the widest range of different beams available – especially for street and high bay lighting. Modules are future proof, easy to install with one screw in the middle and are normally used with a protective cover in street lighting.



## NEW

## STRADA-2X2-FS3

For tunnel and area lighting

### FEATURES

- Optimized for European tunnels with a counter-traffic installation
- Throws light extremely far forward with the peak being in 60°
- Works well also in high mast area lighting on a very long pole distances or greater overlapping

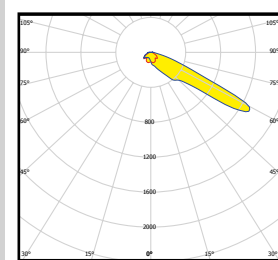
### TYPICAL APPLICATIONS

- Tunnel lighting
- Area lighting

### DESIGN EXAMPLE

Application: Tunnel lighting  
Optics: STRADA-2X2-FS3  
LED: CREE XP-G3  
Efficiency: 93 %  
Luminous flux: 930 lm (luminaire)

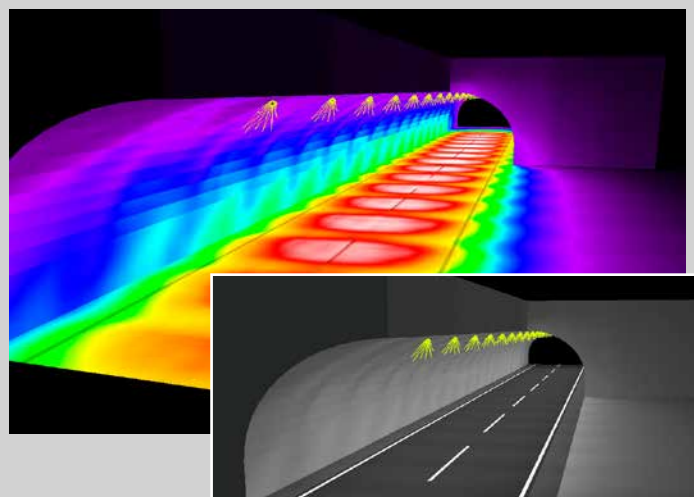
Road width: 8 m  
Number of lanes: 2  
Spacing: 8 m  
Mounting height: 5,4 m  
Maintenance factor: 1,0



Typical efficiency: 94 %

#### RESULTS (luminance):

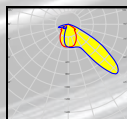
Average: 0,45 cd/m<sup>2</sup>  
Min: 0,07 cd/m<sup>2</sup>  
Max: 0,59 cd/m<sup>2</sup>



### COMPATIBILITY

- Optimized for 3535 size, and compatible up to 5050 size LED packages

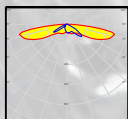
### Area lighting



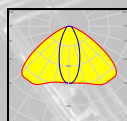
**STRADA-2X2-FN**  
D: 50 x 50 mm  
H: 10 mm  
Typ. eff.: 94%  
Forward throw,  
Narrow beam



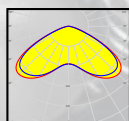
**STRADA-2X2-DN**  
D: 50 x 50 mm  
H: 8,05 mm  
Typ. eff.: 94%  
Forward throw,  
Wide beam



**STRADA-2X2-XW**  
D: 50 x 50 mm  
H: 7 mm  
Typ. eff.: 94%  
Wide beam

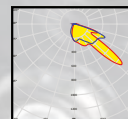


**STRADA-2X2-B2-STP**  
D: 50 x 50 mm  
H: 5,18 mm  
Typ. eff.: 93%

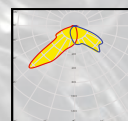


**STRADA-2X2-C-STP**  
D: 50 x 50 mm  
H: 6,27 mm  
Typ. eff.: 94%

### Pedestrian crossing lighting

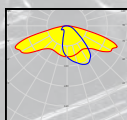


**STRADA-2X2-PX**  
D: 50 x 50 mm  
H: 8 mm  
Typ. eff.: 94%  
For right side traffic

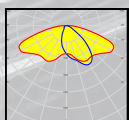


**STRADA-2X2-PXL**  
D: 50 x 50 mm  
H: 8 mm  
Typ. eff.: 94%  
For left side traffic

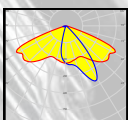
### Street lighting



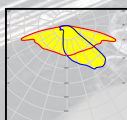
**STRADA-2X2-DWC**  
D: 50 x 50 mm  
H: 6 mm  
Typ. eff.: 93%



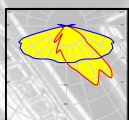
**STRADA-2X2-DNW**  
D: 50 x 50 mm  
H: 11 mm  
Typ. eff.: 93%



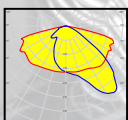
**STRADA-2X2-A-T**  
D: 50 x 50 mm  
H: 7,3 mm  
Typ. eff.: 93%



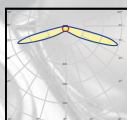
**STRADA-2X2-ME**  
D: 50 x 50 mm  
H: 8,2 mm  
Typ. eff.: 94%



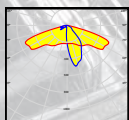
**STRADA-2X2-ME-WIDE1**  
D: 50 x 50 mm  
H: 8,3 mm  
Typ. eff.: 84%



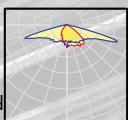
**STRADA-2X2-ME-WIDE2**  
D: 50 x 50 mm  
H: 7 mm  
Typ. eff.: 81%



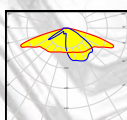
**STRADA-2X2-T1**  
D: 50 x 50 mm  
H: 7,78 mm  
Typ. eff.: 94%  
IESNA Type I light  
distribution



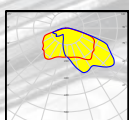
**STRADA-2X2-T2**  
D: 50 x 50 mm  
H: 7,7 mm  
For IESNA Type 2 road  
lighting  
Typ. eff.: 94%



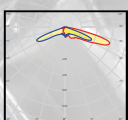
**STRADA-2X2-T2-C**  
D: 50 x 50 mm  
H: 7,34 mm  
Typ. eff.: 94%



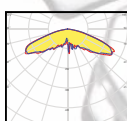
**STRADA-2X2-T3**  
D: 50 x 50 mm  
H: 7 mm  
Typ. eff.: 94%



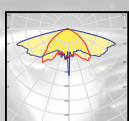
**STRADA-2X2-T4**  
D: 50 x 50 mm  
H: 7 mm  
Typ. eff.: 94%



**STRADA-2X2-T4-B**  
D: 50 x 50 mm  
H: 9,02 mm  
Typ. eff.: 93%



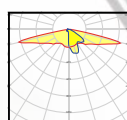
**STRADA-2X2-VSM**  
D: 50 x 50 mm  
H: 6,14 mm  
Typ. eff.: 94%  
IESNA Type V Short



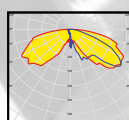
**STRADA-2X2-CAT**  
D: 50 x 50 mm  
H: 6,2 mm  
Typ. eff.: 94%  
For catenary  
luminaires



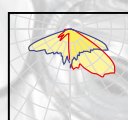
**STRADA-2X2-CAT-B**  
D: 50 x 50 mm  
Typ. eff.: 94%



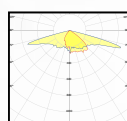
**STRADA-2X2-SCL**  
D: 50 x 50 mm  
H: 7,8 mm  
Typ. eff.: 94%  
European S-class  
lighting



**STRADA-2X2-FW**  
D: 50 x 50 mm  
H: 11,98 mm  
Typ. eff.: 92%

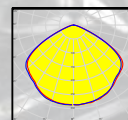


**STRADA-2X2-MEW**  
D: 50 x 50 mm  
H: 10,16 mm  
Typ. eff.: 88%  
ME for wet roads



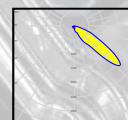
**STRADA-2X2-T2-C**  
D: 50 x 50 mm  
H: 7,3 mm  
Typ. eff.: 94%

### High bay

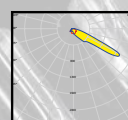


**STRADA-2X2-CY**  
D: 50x50 mm  
H: 7,8 mm  
Typ. eff.: 94%

### Tunnel lighting

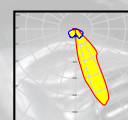


**STRADA-2X2-TF**  
D: 50 x 50 mm  
H: 8,73 mm  
Typ. eff.: 94%



**NEW**  
**STRADA-2X2-FS3**  
D: 50 x 50 mm  
H: 12 mm  
Typ. eff.: 94%

### Urban lighting, Minimal backlight



**STRADA-2X2-NHS**  
D: 50 x 50 mm  
H: 9,8 mm  
Typ. eff.: 90%

### ORDERING INFORMATION

C15962\_STRADA-2X2-FS3

Consult [www.ledil.com/strada-2x2](http://www.ledil.com/strada-2x2) for ordering codes and latest product specifications, which may vary by LED.