

STRADA-2X2CSP

50 x 50 mm optics in the industry standard 2X2 footprint now optimized for high power CSP LEDs

STRADA-2X2CSP 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

FEATURES

- Range of lenses for the low cost but high power CSP LEDs (chip scale package) : STRADA-2X2CSP- SCL, -VSM, -T2 optimized for HP CSPs
- Same footprint as in LEDiL standard STRADA-2X2
- Existing HB versions of STRADA-2X2 are compatible with CSP LEDs as such

TYPICAL APPLICATIONS

- Street lighting
- Area lighting

STRADA-2X2CSP-T2

IESNA Type II light distribution with full cutoff and very little backlight

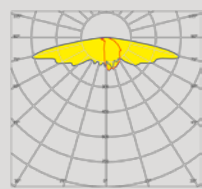
Dimensions: 50 x 50 mm
Height: 7,7 mm
Typical efficiency: 94%



STRADA-2X2CSP-SCL

Very wide Type II/III (long) light distribution suitable for long pole distance ratios up to 1:10

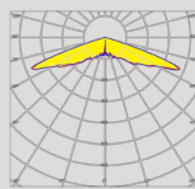
Dimensions: 50 x 50 mm
Height: 7,5 mm
Typical efficiency: 94%



STRADA-2X2CSP-VSM

Type V light distribution for wide area lighting

Dimensions: 50 x 50 mm
Typical efficiency: 94%



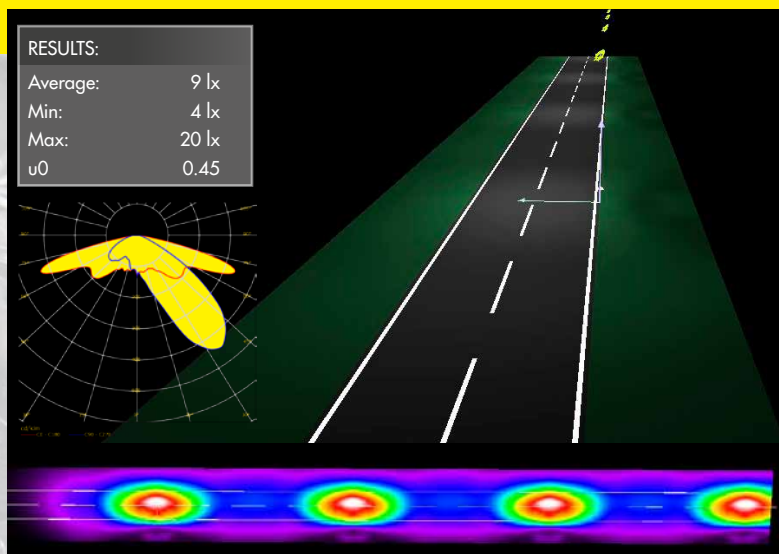
DESIGN EXAMPLE - STRADA-2X2CSP-T2

Application: Street lighting
 Optics: STRADA-2X2CSP-T2
 LED: NICHIA E21 A
 Road width: 7 m
 Number of lanes: 2
 Arrangement: Single row, bottom

Luminous flux (Luminaire): 4792 lm
 Pole distance: 45 m
 Mounting height: 8 m
 Overhang: 0 m
 Boom angle: 0°

RESULTS:

Average: 9 lx
 Min: 4 lx
 Max: 20 lx
 u0: 0.45



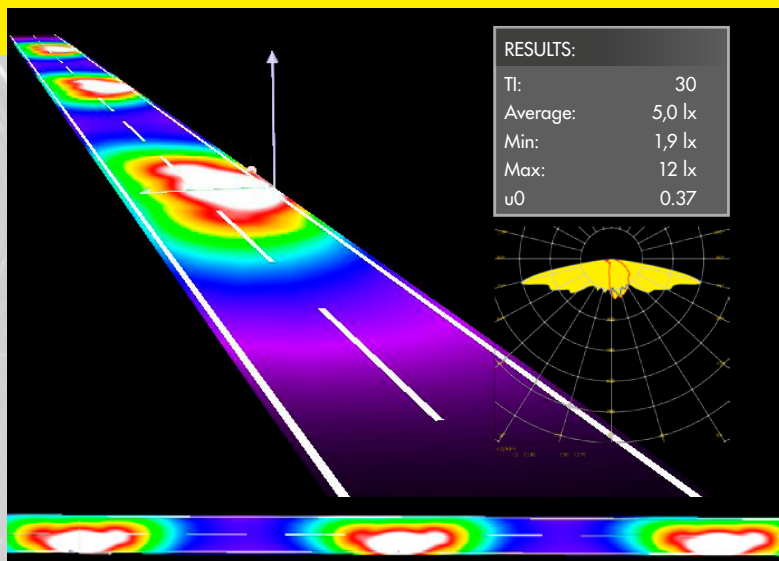
DESIGN EXAMPLE - STRADA-2X2CSP-SCL

Optics: STRADA-2X2CSP-SCL
 LED: NICHIA E21
 Road width: 5 m
 Number of lanes: 2
 Illuminance class: P4
 Arrangement: single row, bottom
 Maintenance factor: 0,80

Luminous flux (Luminaire): 2 367 lm
 Power (Luminaire): 20 W
 Pole distance: 42 m
 Mounting height: 6 m
 Overhang: 0 m
 Boom angle: 0°
 Boom lenght: 1 m

RESULTS:

TI: 30
 Average: 5,0 lx
 Min: 1,9 lx
 Max: 12 lx
 u0: 0.37



DESIGN EXAMPLE - STRADA-2X2CSP-VSM

Application: Parking hall
 Optics: STRADA-2X2CSP-VSM
 LED type: CSP
 Room height: 2.8 m
 Luminous flux (Luminaire): 3325 lm
 Luminaire spacing: 3.3 x 5 m

ORDERING INFORMATION

C16119_STRADA-2X2CSP-SCL

C15932_STRADA-2X2CSP-VSM

C15967_STRADA-2X2CSP-T2

Consult www.ledil.com/strada-2x2csp for ordering codes and latest product specifications, which may vary by LED.

RESULTS:

At 0,8 m height
 Average: 139 lx
 Max: 183 lx

