STRADA-IP-2X6-SCL – Type II/III (Long) for very wide pole to pole distances

LEDiL´s 2X6 optics are the modules behind the most efficient and long-lasting street lights. The STRADA-IP-2X6-SCL is targeted for the European S-class lighting with longitudinal beam falling between the IESNA classes Type II/III medium or long. With the special attention given to minimize light spilling to the house side and carefully directed beam, it has an reach that allows pole distances to be up to ten times the mounting height. STRADA-IP-2X6-SCL is IP67 protected with an integrated silicone gasket and optimized for the latest range of 5050 size LED packages.

» **Asymmetrical beam for very long pole to pole distances**
» **Minimized light spilling to the house side**
» **Designed for European S-class (IESNA Type II/III medium or long) and roads with low speed mixed traffic**

FEATURES

- Optimized for pole to pole distance to be up to ten times the mounting height
- Integrated silicone gasket for IP67 rated luminaires
- Well established 2X6 module based structure
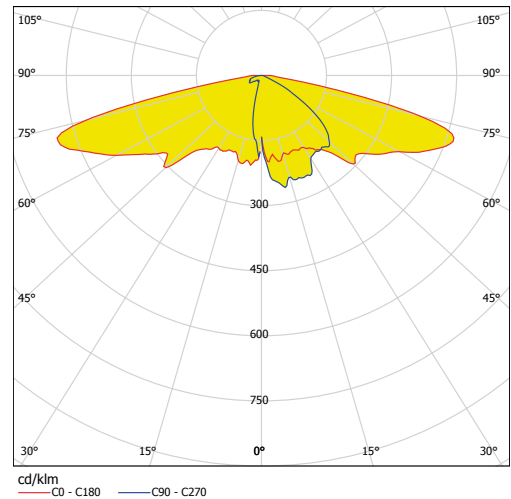
TYPICAL APPLICATIONS

- Residential roads
- Pedestrian/bike paths
- General road lighting
- Outdoor lighting
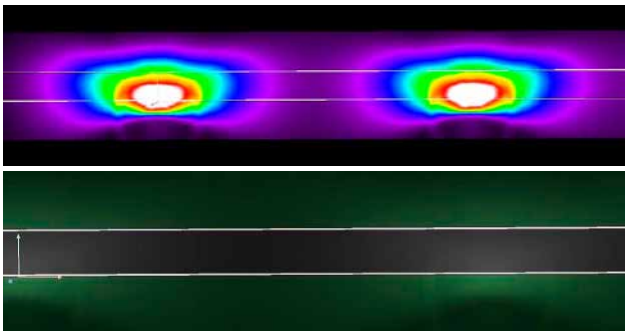
TECHNICAL SPECIFICATIONS

- Height: 9,6 mm
- Dimensions: 71,4 x 173 mm
- Typical efficiency: 94%
- LEDs: 12
- Mounts with screws
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C
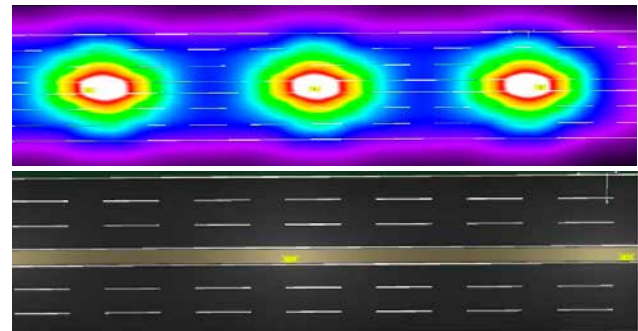
COMPATIBILITY

- Up to 5050 size LED packages

cd/klm
C0 - C180   C90 - C270

APPLICATION EXAMPLES

Residential road
S4 Class (EN 1320-1)

Luminous flux	4 000lm
Pole height	6 m
Pole spacing	48 m
Road width	5 m
Overhang	-0.5 m
Boom angle	0°
u0	0.187

E_{av} (lx)	E_{min} (lx)
5.67	1.06
≥5.00	≥1.00
✓	✓

General road lighting
S4 Class (EN 1320-1)

Luminous flux	5 000lm
Pole height	9 m
Pole spacing	45 m
Road width	10,5 m
Overhang	-1 m
Boom angle	5°
u0	0.461

E_{av} (lx)	E_{min} (lx)
5.67	2.61
≥5.00	≥1.00
✓	✓

ORDERING INFORMATION

CS15418_STRADA-IP-2X6-SCL

Visit www.ledil.com for ordering codes and latest product specifications, which may vary by LED