

STRADA-2X2-T1 – Reaching further

LEDiL's wide range of high quality street light optics grows with the new acquaintance of STRADA-2X2-T1. Its precise two-way IESNA Type I beam provides a very wide and symmetrical strip of light, making it ideal for narrow roads and paths with long pole distance and installations with tilted armature. As usual, the well-established 50x50mm footprint allows future-proof upgrades and cost efficient luminaire construction. STRADA-2X2-T1 support all major LED models up to 5050 size packages.

FEATURES

- LEDiL standard 50x50mm footprint
- IESNA Type I light distribution
- Controlled smooth rectangular beam with great cutoff properties
- Optimized for a range of 3535 size and compatible up to 5050 size LED packages.* For full listing check www.ledil.com/C15135

TYPICAL APPLICATIONS

- Street lighting
- Outdoor area lighting
- Catenary lighting
- Emergency escape route lighting

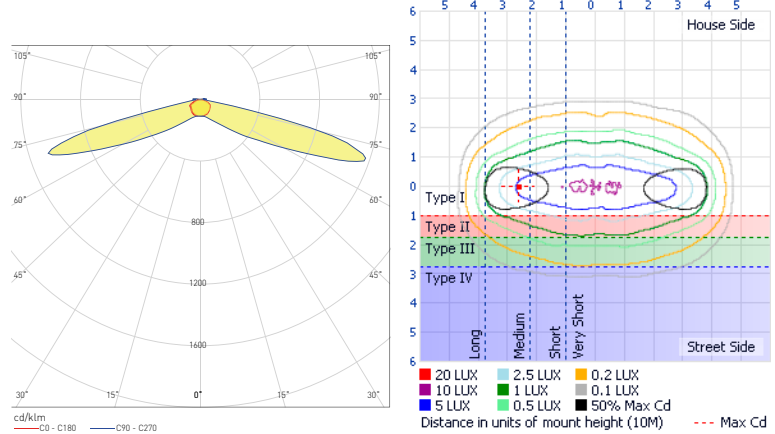
* Go to www.ledil.com/product_search for complete listing of all qualified LEDs. Please send qualification request on email in case you think we are missing a specific LED.



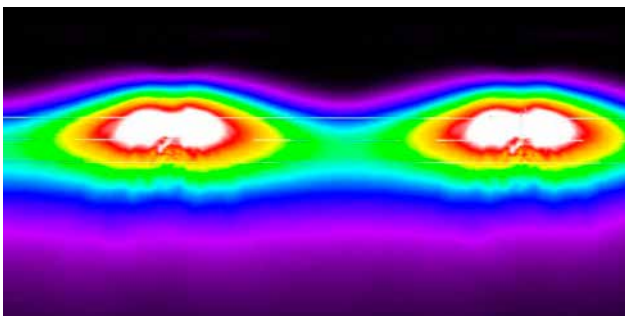
C15135_STRADA-2X2-T1

TECHNICAL SPECIFICATIONS

- Dimensions: 50 x 50 mm
- Height: 7,78 mm
- Typical efficiency: 94%
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



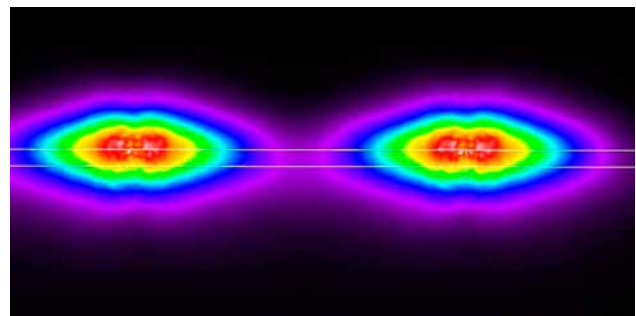
DESIGN EXAMPLE



Street lighting

Road width	7 m
Number of lanes	2
Tarmac	R3
Luminous flux (Luminaire)	14 723 lm
Arrangement	Single row, bottom
Pole distance	50 m
Mounting height	8 m
Overhang	1.2 m
Boom angle	30°

E_{av} :	14 lx
E_{min} :	5.79 lx
E_{max} :	25 lx
$u0$:	0.417



Pedestrian lighting

Road width	3 m
Number of lanes	1
Tarmac	R3
Luminous flux (Luminaire)	2208 lm
Arrangement	Single row, bottom
Pole distance	50 m
Mounting height	6 m
Boom angle	10°

Selected lighting class: S5

✓ All requirements are met

	E_{av} (lx)	E_{min} (lx)
Calculated values	3.02	0.72
Required values according to class	≥3.00	≥0.60
Fulfilled / Not fulfilled	✓	✓