

STRADA-SQ-T3B – For road lighting situations not requiring light on the house side

STRADA-SQ-T3B is a special version of LEDiL's SQ-T3 optic designed to block the backwards directed light. This house-side light is sometimes causing unwanted illumination and glare, especially in confined road areas found in city centers.

LEDiL's STRADA-SQ-T3B has IESNA Type III Medium beam pattern suitable for most of the road classes required in residential areas and city centers. Based on LEDiL's SQ single lens platform, this optic is compatible with most of the super high power multi-crystal LEDs up to 7070 packages. Being a single lens, it offers unsurpassed versatility and ease of fitting into various different luminaire shapes and structures. Requiring only a minimum of 5 mm space between lenses, they can be stacked around relatively close to each other without having any noticeable shading. As all LEDiL's products, STRADA-SQ-T3B is optimized for high efficiency allowing customers to utilize the LEDs fully and maximize their lamp lumens.

FEATURES

- Compatible with LEDs up to 7070 super high power multi-crystal packages
- Minimized house side spill light
- Typical IESNA classification: Type III Medium



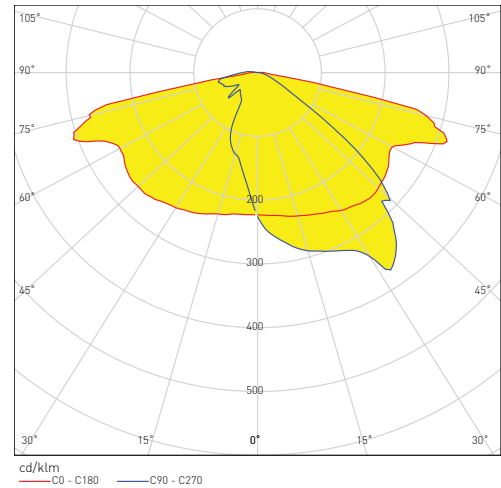
C14948_STRADA-SQ-T3B

TYPICAL APPLICATIONS

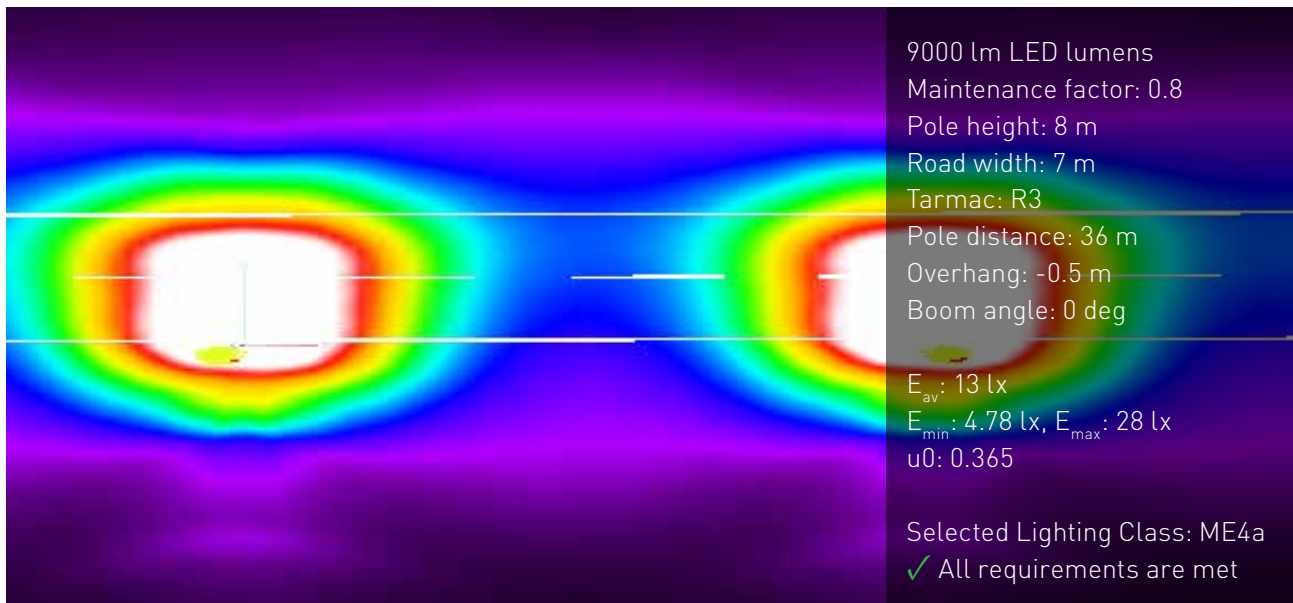
- Street lighting on residential areas and elsewhere where house-side spill light has to be minimized

TECHNICAL SPECIFICATIONS

- Height: 8.4 mm
- Dimensions: 25 x 25 mm
- Typical efficiency: 94%
- Type III Medium street lighting
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



DESIGN EXAMPLE



	L_{av} [cd/m ²]	U0	UI	TI (%)	SR
Calculated values	0.82	0.48	0.64	14	0.59
Required values according to class	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled / Not fulfilled	✓	✓	✓	✓	✓

ORDERING INFORMATION

C14948_STRADA-SQ-T3B (Without tape)

CA14949_STRADA-SQ-T3B (With adhesive tape)

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