



STRADA SQ-T-DWC Street Lighting

Asymmetric broad rectangular street light pattern.

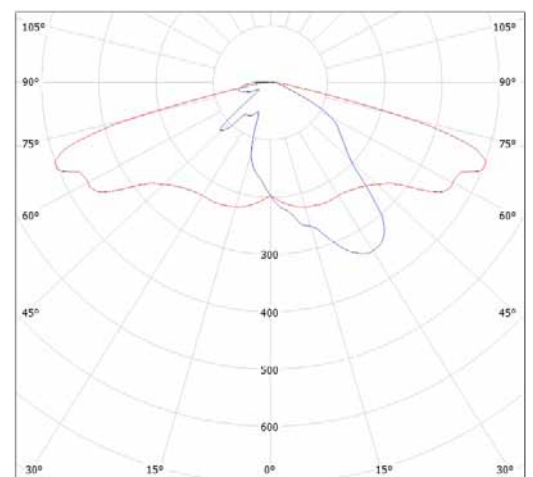
LEDiL Oy, a global leader in the development of secondary LED optics, introduces its newest STRADA family member, the STRADA-SQ-T-DWC lens. This lens is designed to create a broad, rectangular light pattern with an asymmetric (tilted) beam that maximizes usable light in the target area and minimizes stray light. STRADA-SQ-T-DWC allows roadway lighting designers to rapidly develop luminaires for IESNA Type III Medium distribution or European ME road use. Optimized for use with Philips Lumileds LUXEON® M LED, consult ledil.com for other qualified LEDs.

FEATURES and BENEFITS

- For use in street lighting arrangements requiring pole height/distance ratio (ME4A width 1:4.5)
- Wide beam with candela peak at 70° with outstanding cutoff to minimize glare
- Excellent luminance and illuminance performance and uniformity over the covered area
- Designed for IESNA RP-8-00 and CIE 140/EN 13201 street light requirements, suitable for other common arrangements
- IESNA: Type III medium, BUG rating; B2-UX-G2

MARKETS and TYPICAL APPLICATIONS

- Roadway lighting
- Residential street lighting
- Wide-area illumination, i.e. parking lots and recreational facilities



TECHNICAL SPECIFICATIONS

	Pole height:spacing ratio	Lumen requirement 8m pole
ME1	1: 4.1	15 000
ME2	1: 4.1	11 500
ME3a	1: 4.1	7 500
ME4a	1: 4.5	6 000

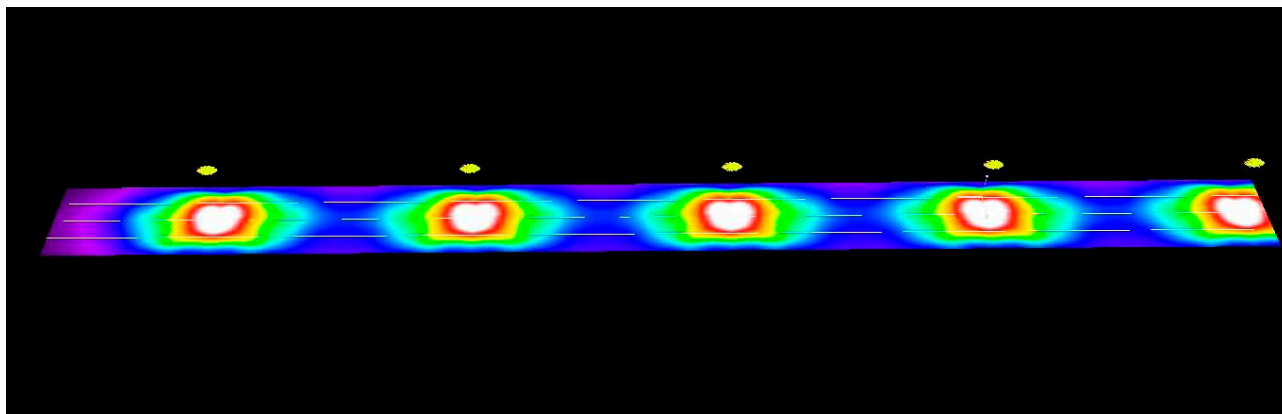
Optimal situation

Overhang	1.0 m
Tilt	0°
Road width	7 m

Disclaimer! The values presented above represent a theoretical optimal situation and only serve as a possible solution. Each street lighting project must be separately optimized case by case.

- Dimensions; 25 x 25 x 8mm (8.15mm with tape)
- Mounts with screws, adhesive tape, or secondary adhesives
- Integral mounting pins and automated assembly markings for rapid and reliable assembly
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C
- RoHS compliant and halogen-free

SIMULATED APPLICATION



ORDERING INFORMATION

Ordering codes: **C12726_STRADA-SQ-T-DWC (no tape)**

CA12889_STRADA-SQ-T-DWC (pre-installed mounting tape)

Find your local contact at http://www.ledil.fi/where_to_buy

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