



STRADA-T-6X1-DWC Roadway Lighting

LEDiL Expands its STRADA-T-6X1 Series with new DWC Version Array.

LEDiL Oy, the primary choice for secondary optics, introduces the new C12449_STRADA-T-6X1-DWC precision-engineered lens array. Emitted light has an asymmetric tilt in the wide beam to efficiently direct light to the roadway surface and to minimize stray light outside of target areas. This is ideal for the development of luminaires classified as IESNA Type III Medium (semi-cutoff) distribution and for street lighting arrangements requiring up to and beyond 1:6 pole height/pole distance ratio (ME4A 1:5 ratio).

FEATURES and BENEFITS

- Very wide asymmetrical beam with 70° candela peak
- Great luminance/illuminance performance and uniformity, even with long pole distances
- Outstanding cutoff to minimize glare
- Low-profile and side-to-side/end-to-end stackable
- Six lenses in one array - reduced installation cost over single lenses
- Location pins and screw holes for precise mounting
- Shape resists excessive build-up of dust and dirt
- IP-rated sealing system may be created by using potting or sealing compounds
- High light transmission efficiency and virtually impervious to UV damage
- High scratch and abrasion resistance
- RoHS compliant and halogen-free

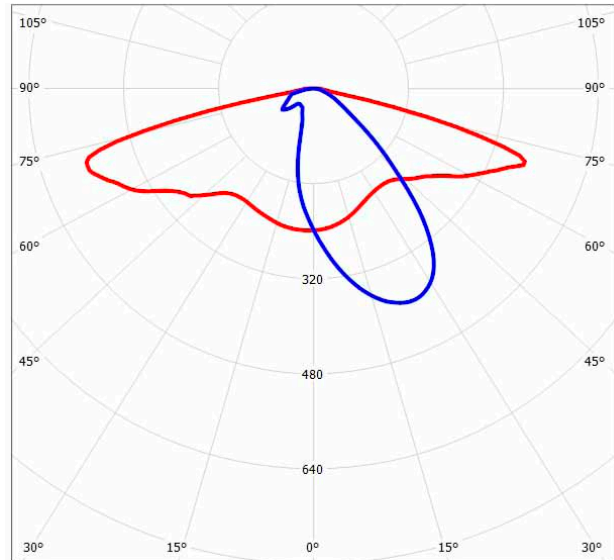
MARKETS and TYPICAL APPLICATIONS

- Collector roadway lighting
- Wide urban boulevard lighting
- Residential street lighting

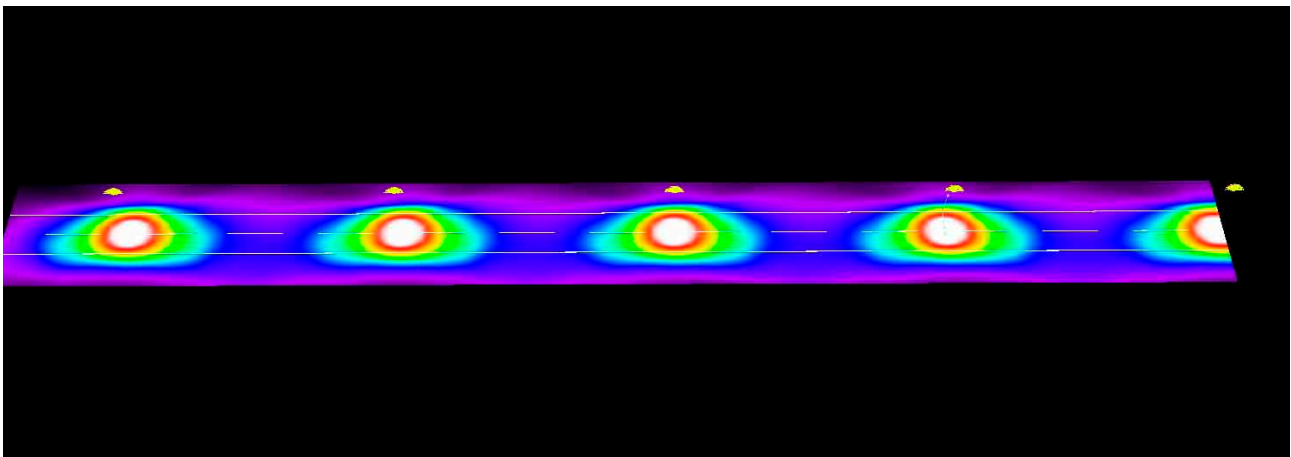


TECHNICAL SPECIFICATIONS

- Dimensions: 25.2 x 119.8 x 6mm
- Designed for IESNA RP-8-00 and CIE 140/EN 13201 street light requirements
- Optimized for European ME road use with Cree XLamp® XP-G, qualified data for Philips Lumileds and Nichia LEDs on www.ledil.com
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



SIMULATED APPLICATION



ORDERING INFORMATION

Ordering codes: C12449_STRADA-T-6X1-DWC

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

Disclaimer! The statements presented above represent a theoretical optimal situation and only serve as a possible solution suggestion. Each lighting project must be separately optimized case by case. Consult www.ledil.com for ordering codes and latest product specifications, which may vary by LED.