

12 individually optimized optical elements

Precision moulded silicone gasket for IP67 rating

Space reserved for PCB connectors and screws

Location pins for precise positioning

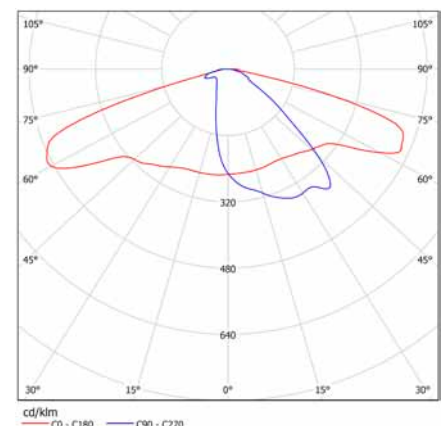
Easily cleanable optical surfaces

Performance Meets Functionality

LEDiL's New Asymmetric STRADA-IP-2x6-DWC Lens Module

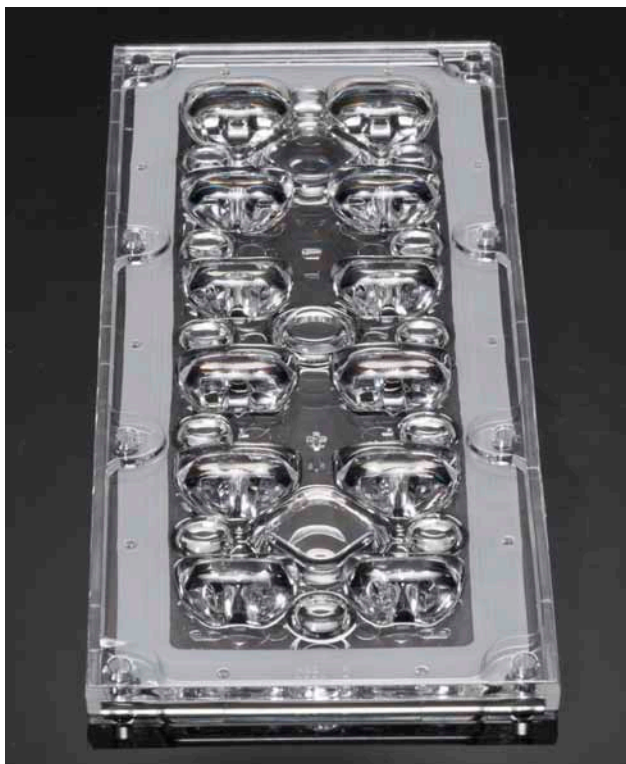
One Optics Does it All

LEDiL's newest STRADA street lighting optic is designed for peak optical performance, ease of installation and protection from dirt and water. STRADA-IP-2X6-DWC is a precision-engineered 12-position lens array with a tilted beam to direct light efficiently to the roadway surface. The integral silicone gasket protects up to IP67. The wide, asymmetric beam allows for rapid development of luminaires classified as IESNA Type II and III and related European and Russian street lighting classes.



FEATURES and BENEFITS

- Very wide asymmetrical beam with 70° candela peak
- Great light uniformity, even with long pole distances
- Outstanding cutoff to minimize glare
- 12 optical elements with individually optimized light distribution, reduced installation cost
- Easy positioning on PCB with locating pins. Mounting direction marked in the module
- Silicone moulded gasket for sealing of the module
- Carefully tested for IP 67* protection
- RoHS compliant
- Space reserved for connectors and PCB fastening screws
- Module's shape and surfaces are designed for easy cleaning
- No need for external light cover, get up to 20% more lumen output in your application
- IP-rated semi-custom modules possible



ORDERING INFORMATION

Order code: CS12862_STRADA-IP-2X6-DWC

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

* When mounted according to LEDiL specifications. Consult product datasheet for more information.

with various optics from STRADA family

- High light transmission efficiency and virtually impervious to UV-damage
- High scratch and abrasion resistance
- Ideal solution for street lighting arrangements requiring pole height / distance ratio of up to and beyond 1:6

MARKETS and TYPICAL APPLICATIONS

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

TECHNICAL SPECIFICATIONS

- Dimensions; 173,0 x 71,4 x 7,92 mm
- Mounts with screws
- Module is precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C
- Recommended PCB thickness 1,6 mm. PCB dimensions 43,5 x 145 mm.
- Silicone gasket seals directly into heatsink surface.

Cross section of gasket and PCB

