



## TATIANA – Lens module optimized for Russian roads

LEDiL - a global forerunner in the designing and manufacturing of secondary optics for LED lighting - introduces TATIANA family of optical modules designed to fulfil and exceed Russian street lighting standards. With the introduction of TATIANA, LEDiL introduces a new adjustable modular platform into the market. TATIANA module consists of four lenses that simply can be snapped apart into single lenses. Lenses have LEDiL standard 25x25mm footprint compatible with existing SQ and 2X2 platforms. This compatibility across the full range simplifies retrofitting into existing luminaires with LEDs.

### FEATURES

- Designed especially to meet Russian street lighting standards.
- Optimized for Cree XM-L and 3535 sized high power LEDs.
- New 1x4 module size is compatible with the SQ-family.
- Module can be snapped into four single lenses which enable upgrading old lighting fixtures and gives more freedom when designing the fixture.
- Designed for lighting fixtures with 15° mounting angle.
- Suitable also for wire-mounted catenary luminaires.

### TYPICAL APPLICATIONS

- Street lighting on Russian Class A and Class B road classes up to A4 class

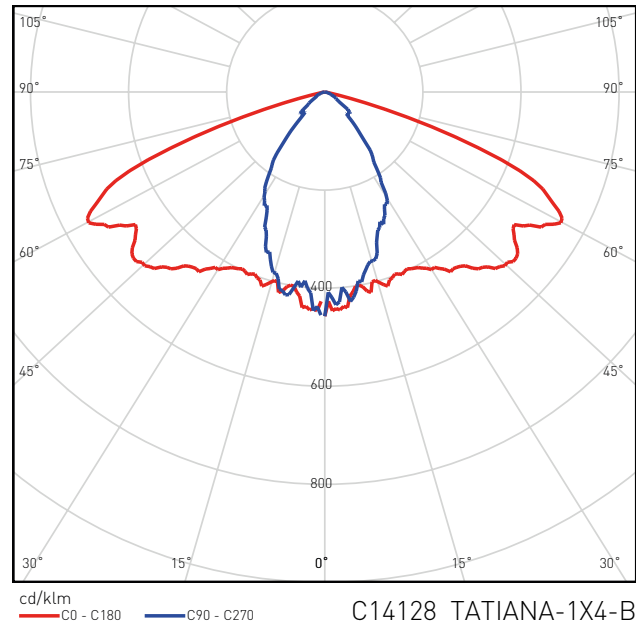


## TECHNICAL SPECIFICATIONS

- Dimensions: 102 x 25 mm
- Height: 7,7 mm
- Efficiency 95% without the installation tape and 91% with the tape
- Easy and accurate mounting with positioning pins
- Optional adhesive tape available for easy installing
- Module can be snapped into four single lenses compatible with SQ-platform
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C

### C14128\_TATIANA-1X4-B

- Optimized for Cree XM-L and XM-L2 LEDs



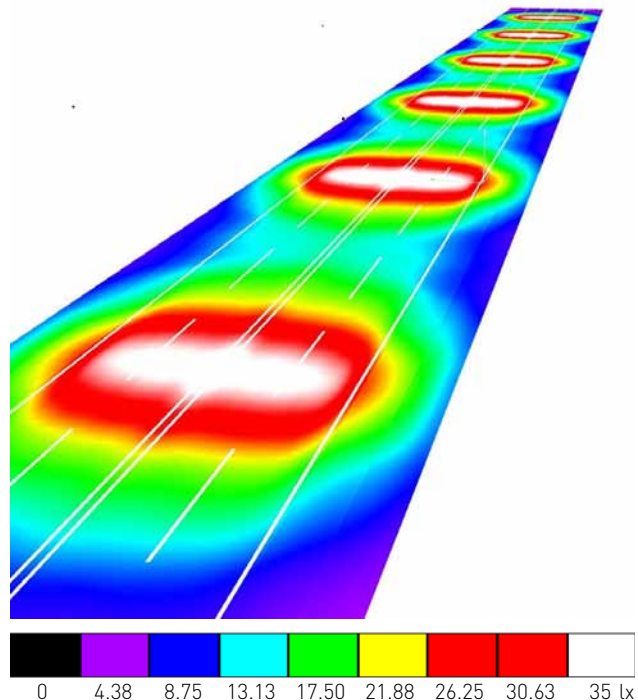
### C14161\_TATIANA-1X4-B

- Optimized for Cree XT-E/XP-G2

## DESIGN EXAMPLE

Luminaire: C14128\_TATIANA-1X4-B\_[XM-L2] Eff.95.9%  
 Luminous flux (Luminaire): 9404 lm  
 Luminous flux (Lamps): 9800 lm  
 Luminaire Wattage: 90 W  
 Arrangement: Double row, opposing  
 Pole Distance: 40.000 m  
 Mounting Height: 12.000 m  
 Height: 12.000 m  
 Overhang: 0.853 m  
 Boom Angle: 15.0 °  
 Boom Length: 1.500 m

Maximum luminous intensities  
 at 70°: 447 cd/klm  
 at 80°: 36 cd/klm  
 at 90°: 11 cd/klm



## ORDERING INFORMATION

C14128\_TATIANA-1X4-B (without tape)  
 C14161\_TATIANA-1X4-B (without tape)  
 CA14129\_TATIANA-1X4-B (with installation tape)  
 CA14162\_TATIANA-1X4-B (with installation tape)

Visit [www.ledil.com](http://www.ledil.com) for ordering codes and latest product specifications, which may vary by LED