

## Solar Roadway Lighting Series



Designed and Engineered  
**IN THE USA**

# ALBINA

AC LED Street Light

**320 Watts | 46400 Lumens**

**TLSLB320**



Truelite Albina Series luminaires are the most advanced roadway lighting fixtures with the best industry lumen efficacy, improved planning, and versatile mounting options. Albina is made in the state of the art manufacturing facilities out of die casting aluminum alloy housing with a proprietary chromate conversion and electrostatic treatment to withstands high temperature and extreme conditions for increased resistance to corrosion and abrasion.

The IP67 Albina exceeds the standards in energy efficiency, design, optics and the wide options of beam angles makes the best choice for roadway illuminations. Certified UL fixture has all statute requirements for any challenging project requirements.

Scalable modular options include, photocell lighting control, smart grid connectivity, wide optics and beam angle and comes with many accessories for convenient lighting solutions.



**IP67 IK08 ErP**

# ALBINA

## AC LED Street Light

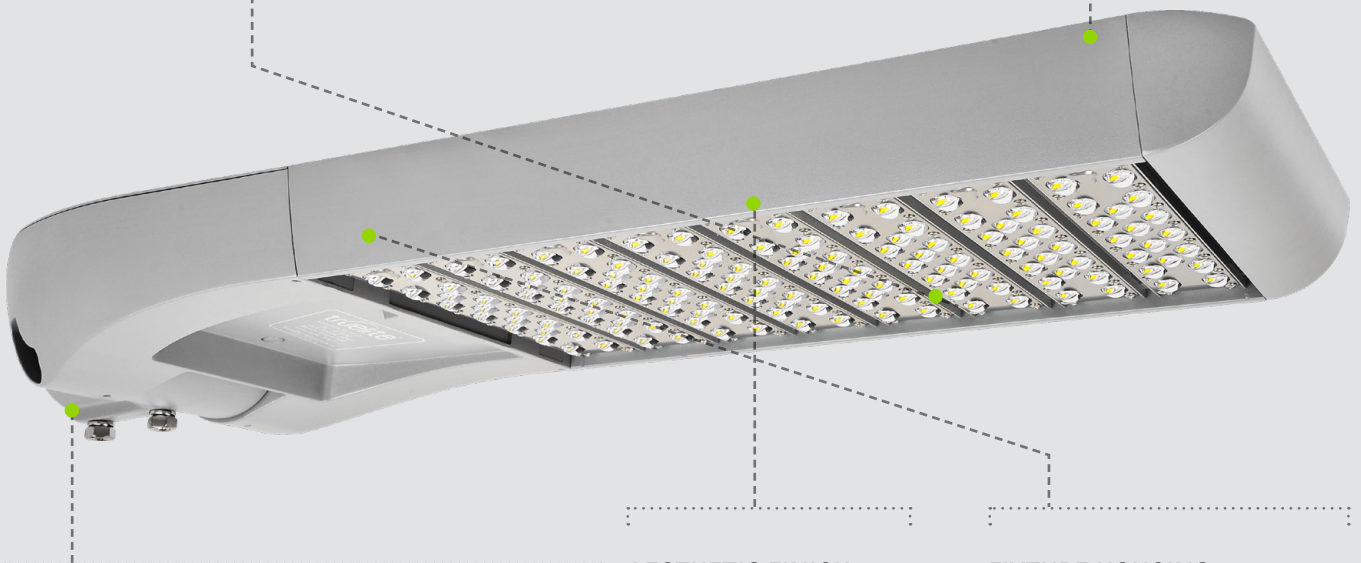
### 320 Watts

#### LED & OPTICS

- Albina is designed with Lumileds LED engine and each module is mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate for high impact and UV resistance.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life. Over 20 optical lenses are available for virtually any application.

#### ELECTRICAL COMPONENTS

- 120-277VAC and 347-480VAC and 12-24V DC options.
- Maximum surge protection to 20kV/10kA as per ANSI/IEEE C62.41.2 2002 standards.
- Industry leading driver and connectors and components.
- Multiple smart lighting control options with photocell, motion sensors, DALI, 1-10V.
- 3-Pin/ S-Pin/ 7-Pin photocell for light level adjustments.



#### MOUNTING OPTIONS

- Side or post-top mounting options with compatible accessories brackets for easy installations.
- Slip-fitter with +/- 20 degree of adjustment for levelling.
- Standard mounting diameter is 2 3/8" (60mm), custom adaptors are available for smaller diameters.



Horizontal tenon mount



Pole top mount

#### AESTHETIC FINISH

- Corrosion resistant polyester powder coated 100 mm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Grey, Black, Bronze and White.

#### FIXTURE HOUSING

- Die cast aluminium housing.
- Modular design allows for easy installation, replacement and maintenance. This design also creates a chimney effect which enables passive heat dissipation.
- IK08 rated housing.
- Meets 3G vibration as per ANSI C136.31-2010. Standards.



