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ALBINA

SERIES-A: LED STREET LIGHT

270W

Truelite Albina series-A LED Streetlight luminaries are designed to replace conventional fixtures. Its compact design allows increased mounting versatility and ease of installation. The long lived LED luminaries are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light. Our led street light offer improved night time visibility, safety through better color rendering, more uniform lighting distributions and the elimination of many dark areas between poles. It also works with intelligent street light system. The design adheres to relevant safety and street lighting standards and the technology has attractive energy-saving capacity of up to 70% against traditional fixtures.

Features

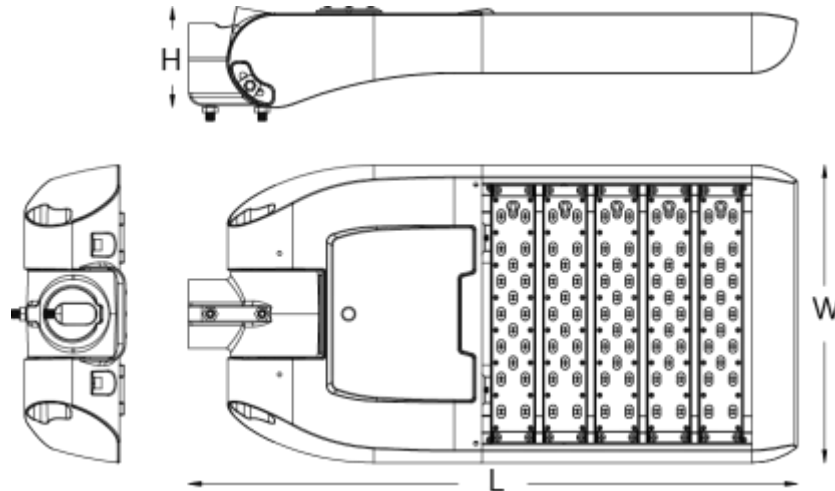
- Wide input voltage range
- More than 70% energy savings, long life and high reliability
- Robust housing to stand harsh environments
- Die casting aluminum alloy body, electrostatic spray treatment withstand high temperature and acid, alkali resistance
- Integrated with LED module with independent control, easy maintenance
- Patens structure,0-90°angle adjustable lighting installation
- Compatible to work with solar and wind energy for more energy saving
- Low electromagnetic emission
- Easy to mount & focus
- High Luminous Efficiency
- IP 67 rating
- Instant start , no flickering and long switching life
- CE,RoHS Certifications

IP67 IK08 ErP

Product Specification

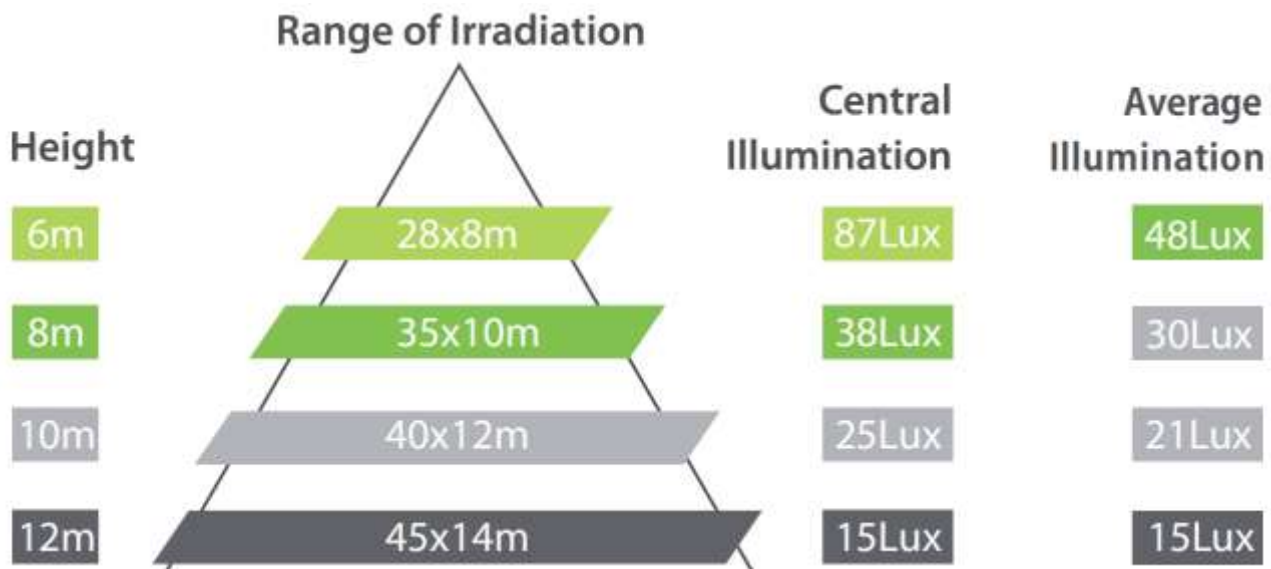
| Electrical Data | |
|---|--|
| Operating Voltage | AC 120 ~ 277 VAC |
| No of LEDs | 162 |
| Frequency | 50/60Hz |
| Driver Power Efficiency | >90% |
| Rated power | 270W |
| Power Factor(PF) | >0.95 |
| Total Harmonic Distortion | < 20% |
| Power supply | Isolated type |
| Dimming | Optional |
| Light Data | |
| Color Temperature | 3000K/4000K/5000K/5700K |
| Color Rendering Index | >70 |
| Beam Angle | 10°,25°,40°,60°,90°,120°. |
| Efficiency of led | 118 lm/W |
| Luminous flux | 29832lm |
| Led chip | Cree |
| Service Life | >50000 Hours |
| Environmental Data | |
| Working Ambient Temperature | -40° To +50° |
| IP Grade | IP 67 |
| Relative Humidity(RH) | 10%-95% |
| Cooling | Conventional |
| Certificate | UL/ CUL /DLC/ LM79 / ENEC /CB/CE/ ERP/ RoHS /PSE /IK08 |
| Mechanical Data | |
| Product finish | Gray/Black/Bronze/White |
| Light Fixture Material | Aluminum |
| Dimension | 943 x 345 x 116(mm) 37.13" X 13.58" X 4.57" |
| Weight | 13.12kg(28.92lbs) |
| Luminaire Fixing | Pole mounted |
| *All parameters are measured @ ambient temperature Tc 25 degree | |

Fixture



Unit: mm

Isolux Diagram



Application Area

Outdoor lighting plays a crucial role in the safety and security of our streets and public places. Today outdoor lighting has to be smarter to comply with new legislation, environmental challenges and requirements to reduce energy usage. This is where the latest outdoor, roadway and street lighting solutions from Truelite come into play. It is an Ideal for application at city branch, residential streets, courtyard, etc.

Ordering Code

| Product Series | MODEL | OPTICAL LENS | CCT | OPTIONAL COLOR | LIGHTING CONTROL | ACCESSORY INFO |
|-------------------------|---------|------------------------|---------------|-------------------|------------------|------------------------------|
| ALBINA Series-A | TSLA270 | T1M | 30K | GR*** | 00 | Adaptor Bracket |
| | | Type I Medium | 3045 | Grey (RAL:7004) | Not required | |
| | | T2M | ± 175K | | | Bird Spike |
| | | Type II Medium | | | | |
| | | T3M | 40K*** | BK | 01 | 3/5/7-pin NEMA Receptacle |
| | | Type III Medium | 3985 | Black (RAL:9011) | | |
| | | T3L | ± 275K | | | |
| | | Type III Long | | | | |
| | | T4S | 50K*** | BZ | 02* | Moon Sensor |
| | | Type IV Short | 5028 ± 283K | Bronze (RAL:8014) | | |
| | | T5U | | | | |
| | | Average Beam angle 10° | 57K | | | 20KA Surge Protection Device |
| | | T5V | 5665 | WH | | |
| | | Average Beam angle 25° | ± 355K | White (RAL:9010) | 03* | Backlight Control |
| | | T5W | | | Photocell | |
| | | Average Beam angle 40° | | | + | |
| | | T5S | | | Moon Sensor | |
| Average Beam angle 60° | | | | | | |
| T5M | | | 04* | Safety Cable | | |
| Average Beam angle 90° | | | DALI | | | |
| T5L | | | | | | |
| Average Beam angle 120° | | | | | | |
| T5D | | | 05** | | | |
| Diffuser | | | 1-10V dimming | | | |

Drive current: 530mA

Example:

TLSLA270-T1M50K-GR00, TLSLA270-T1M40K-GR02, TLSLA270-T1M50K-GR05