

SLL Series

Reliable Solar Lighting Solutions

The Urban Solar SLL Series (Solar LED Lighting) includes reliable pole mounted solar LED lighting systems designed to meet your lighting needs.

These systems provide intelligent control with superior technology and optional wireless connectivity, which deliver safe and environmentally friendly lighting for any application.

From pathway and parking lot, to lighting up a street, the SLL Series offers a range of power, load control, and pole mounting options:

- Self contained and fully automatic
- Clean, bright white LED illumination
- High efficiency solar panels
- Intuitive power management
- Proven battery technology
- Low installation costs; no trenching, cabling or wiring
- Optional 24/7 remote monitoring
- Optional motion sensor
- Optional USB port
- UL listed. Independently tested for safety

Superior quality, reliability, and innovative custom designs make the SLL Series the ideal solution for your lighting demands.



BENEFITS

Enhanced public safety

- Promotes community access
- Deters crime

Reduced costs & increased efficiency

- Saves you from paying monthly utility bills with its one-time capital cost
- Reduces installation cost with no need for trenching
- Allows for remote installation monitoring
- Saves you from needing scheduled maintenance for up to five years
- Has an LED operating life span of 100,000 hours to 80% lumen maintenance

Clean, energy efficient illumination

- Reduces greenhouse gas emissions
- Positions community as an innovative leader
- Provides intelligent power management

SPECIFICATIONS

Lighting

| | |
|----------------------------|-------------------------------------------|
| ■ Illumination technology: | High brightness, white LED |
| ■ Illumination optics: | Type II, III, IV, V; Full cut-off fixture |
| ■ LED efficacy: | 80-115 LPW |
| ■ Luminaire power: | 7, 13, 18, 26, 30, 39, 55, 78, 102W |
| ■ Output color: | 3000K-6500K |
| ■ Operational lifetime: | 100,000 hours to 80% brightness |
| ■ Operating temperature: | -30 to 80°C (-22 to 176°F) |

Energy Control Module*

| | |
|---------------------------|-------------------------------------------------------------------|
| ■ Operating voltage: | 0 to 30V |
| ■ Input current: | 0 to 40A |
| ■ Output current: | 0 to 1000mA |
| ■ Operating temperature: | -30 to 80°C (-22 to 176°F) |
| ■ Low voltage disconnect: | Yes |
| ■ Wireless monitoring: | Optional 24/7 monitoring |
| ■ Control inputs: | Button, motion sensor |
| ■ Lighting profiles: | Dusk until dawn, split night (configurable), calendar, and custom |

Solar

| | |
|----------------------------|-------------------------------|
| ■ Solar module technology: | Poly-crystalline photovoltaic |
| ■ Module size: | 50W, 80W, 120W |
| ■ Module configuration: | QTY 1, 2, 4 |
| ■ Operating temperature: | -30 to 80°C (-22 to 176°F) |

Battery

| | |
|--------------------------|----------------------------------|
| ■ Technology: | Maintenance-free, AGM, lead acid |
| ■ Autonomy: | 5-10 days (typical) |
| ■ Capacity: | 40-100Ah per battery |
| ■ Battery configuration: | QTY 1, 2, 3, 4 |
| ■ Operating voltage: | 12V |
| ■ Operating temperature: | -30 to 80°C (-22 to 176°F) |

Specifications are subject to change without notice and are intended as general guidelines. Detailed specifications are based on site-specific weather conditions and system design variables.
*Patent pending.



Made in the USA.



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