50W 48A Solar LED Street Light

New Cutting-Edge Technology
Integrated Solar LED Street Light
Independently Light up dark areas without electricity!
Small and Lightweight with Built in Motion Sensor and Photocell

- Dusk to Dawn Sensor •
- Beam angle: 150° x 70° •
- Long Life Lithium-ion Battery •
- IP65 | Temp. Range -20°C to 65°C •
- Programable, Integrated Motion Sensor •
- High efficiency Monocrystalline Solar Panel •
- 10-Years Solar | 5-Years Battery | 50,000 Hours Lifetime(*) •

Model | Product | Size | Power | Flux | Equal
--- | --- | --- | --- | --- | ---
SLS-50W48A-55K-MS | Integrated Solar LED Street Light 50W 48A 55K Motion + Photo Sensor | (L) 30¼” (W) 14½” (H) 4¼” | Solar: 50W Battery: 7.4V x 48AH PHILIPS LEDs: 80 x 3030 1W | 7,200 Lumens (in Full Power) | 175W ~ 250W MH HID Lamps or Fixtures

- Typical 8 Hours per Night • 3 Days (Nights) in Intelligent Mode • Motion Sensor Range 16ft, 120° •
- Color Temp. (CCT) 5500K ±10% • 145 Lumen per Watt • CRI ≈ 80 •
- (*) Rated Life 50,000 Hrs. (L70 B50) at T[A] 25°C Max. •
# 40W 48A Solar LED Street Light

### Model and Product

<table>
<thead>
<tr>
<th>Model</th>
<th>Product</th>
<th>Power</th>
<th>Equivalent</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>50W 48A 55K</td>
<td>Battery: 7.4V x 48AH</td>
<td>HID Lamps or Fixtures</td>
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<td></td>
<td>Motion + Photo Sensor</td>
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### Input Voltage

- Independent Solar Operation: Charge by Day – Light at Night

### Power/Power Factor

<table>
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<tr>
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<th>Solar: 50W</th>
<th>~145 lm/W</th>
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<td>Battery:</td>
<td>Battery: 7.4V x 48AH</td>
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### Efficacy

7,200 Lumens (in Full Power)

### Flux

7,200 Lumens (in Full Power)

### Life & Warranty

- 10-Years Solar | 5-Years Battery
- 50,000 Hours \( L_{70} B_{50} \) \( T_{[A]} \) 25°C Max.

### Beam Angle

150° x 70°

### Color Rendering

CRI ÷ 75~80
CCT 5,500K ±10%
# 50W 48A Solar LED Street Light

## User Manual

### Dual Function Solar Panel:
- Charge the Built-in Battery by Day
- Dusk to Dawn Photo Cell Sensor

### Integrated Motion Sensor:
- Sense Body Motion and Triggers Light
- Re-Trigger Light when Body in Motion

### Push Toggle POWER Switch:
- Turns Power OFF when Lamp not in use
- Push SW Toggles Lamp ON→OFF→ON...

### MODE SW – Push to Set Operation Modes:
- Starts in MODE A when Power SW is ON
- Push & Hold SW 1 sec. to toggle Modes

### MODE A: Full Light for 30 seconds while Motion is detected, thereafter Light at 25% Power when No Motion Sensed

### MODE B: Full Light for 30 seconds while Motion is detected, thereafter No Light (Light Turns OFF when No Motion sensed)

### MODE C: Light is Always-On, at 50% Power. (Solar Panel is the Photo Cell Sensor for Dusk to Dawn operation)

### MODE D: No Light (Shutdown). Use to Charge Battery during day.