20W 24A Solar LED Street Light

New Cutting Edge Technology
Eco 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 (*)

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<th>Product</th>
<th>Size</th>
<th>Power</th>
<th>Flux</th>
<th>Equivalent</th>
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<td>SLSL-20W24A-55K-MS</td>
<td>Eco Integrated Solar LED Street Light 20W 24A 55K Motion + Photo Sensor</td>
<td>(L) 25⅛” (W) 11⅜” (H) 3⅓”</td>
<td>Solar: 20W Battery: 3.7V x 24AH</td>
<td>2,600 lm (in Full Power)</td>
<td>175W MH</td>
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- Typical 8 Hours per Night • 3 Days (Nights) in Intelligent Mode • Motion Sensor Range 16ft, 120° •
- Color Temp. (CCT) 5500K ±10% • 130 Lumen per Watt • CRI ≈ 80 •
- (*) Rated Life 50,000 Hrs. (L70 B10) at T[A] 25°C Max. •

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- **Input Voltage**: Independent Solar Operation: Charge by Day – Light at Night
- **Power/Power Factor**: Solar: 20W Battery: 3.7V x 24AH
- **Efficacy**: ~130 lm/W
- **Flux**: 2,600 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 \( \div 75~80 \) CCT 5,500K \( \pm 10\% \)
## 20W 24A Solar LED Street Light User Manual

### Charge by Day

- **POWER Switch Push Toggle**: ON→OFF→ON...

### Light At Night

- **Motion Sensor Light Trigger**

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

### 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 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.