40W 30A Solar LED Street Light

New Cutting-Edge Technology

All-in-One Integrated Solar LED Street Light

Independently Light up dark areas without electricity !

Powerful Solar Panel with Built in Motion Sensor and Photocell

- Dusk to Dawn Sensor
- Beam angle: 150° x 70°
- IP65, Temp. Range -20°C ~ 65°C
- Long Life LiFePO4 Lithium Battery
- Programable, Integrated Motion Sensor
- High efficiency Monocrystalline Solar Panel
- 10-Years Solar | 5-Years Battery | 50,000 Hours Lifetime (✶)

LiFePO4 | 10 YEARS WARRANTY | 5 YEARS WARRANTY | CE | RoHS | WATER PROOF | Powered by PHILIPS LUMILEDS

Model	Product	Size	Power	Flux	Equal
SLSL-40W30A-55K-MS	Integrated Solar LED Street Light 40W 36A 55K Motion + Photo Sensor	(L) 30¼" (W) 14½" (H) 4¼"	Solar: 40W LFP Battery: 6.4V x 36AH PHILIPS LEDs: 60 x 3030 1W	6,000 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% • 150 Lumen per Watt • CRI ≈ 80 •
- (✶) Rated Life 50,000 Hrs. (L_{70} B_{50}) at $T_{[A]}$ 25°C Max. • Rust-Free Aluminum Die-Cast Construction •

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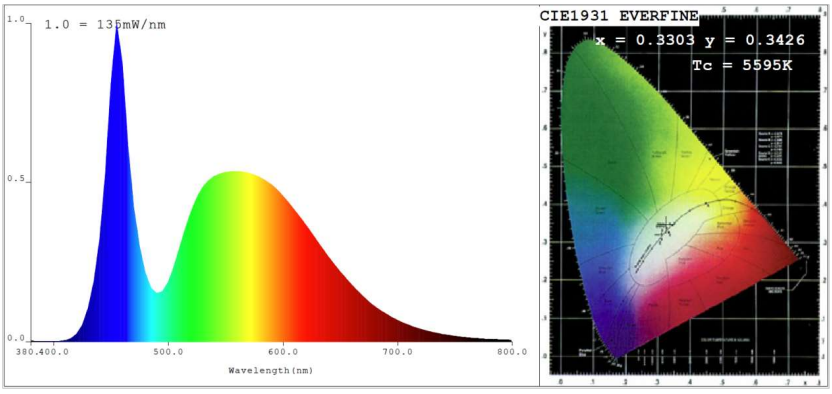

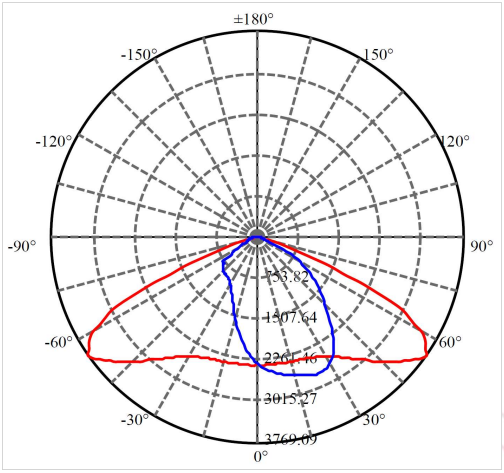

(L) 30¼" x (W) 14½" x (H) 4¼"

• Rust-Free Heavy-Duty Aluminum Die-Cast Construction •

Model	Product	Power	Equivalent
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Input Voltage	**Power/Power Factor**	**Efficacy**	**Flux**
Independent Solar Operation: Charge by Day – Light at Night	Solar: 40W LiFePO4 Battery: 6.4V x 36AH | 230W	~150 lm/W	6,000 Lumens (in Full Power)
Life & Warranty		**Beam Angle**	**Color Rendering**
10-Years Solar | 5-Years Battery 50,000 Hours (L_{70} B_{50}) $T_{[A]}$ 25°C Max.		150° x 70°	CRI ÷ 75~80 CCT 5,500K ±10%

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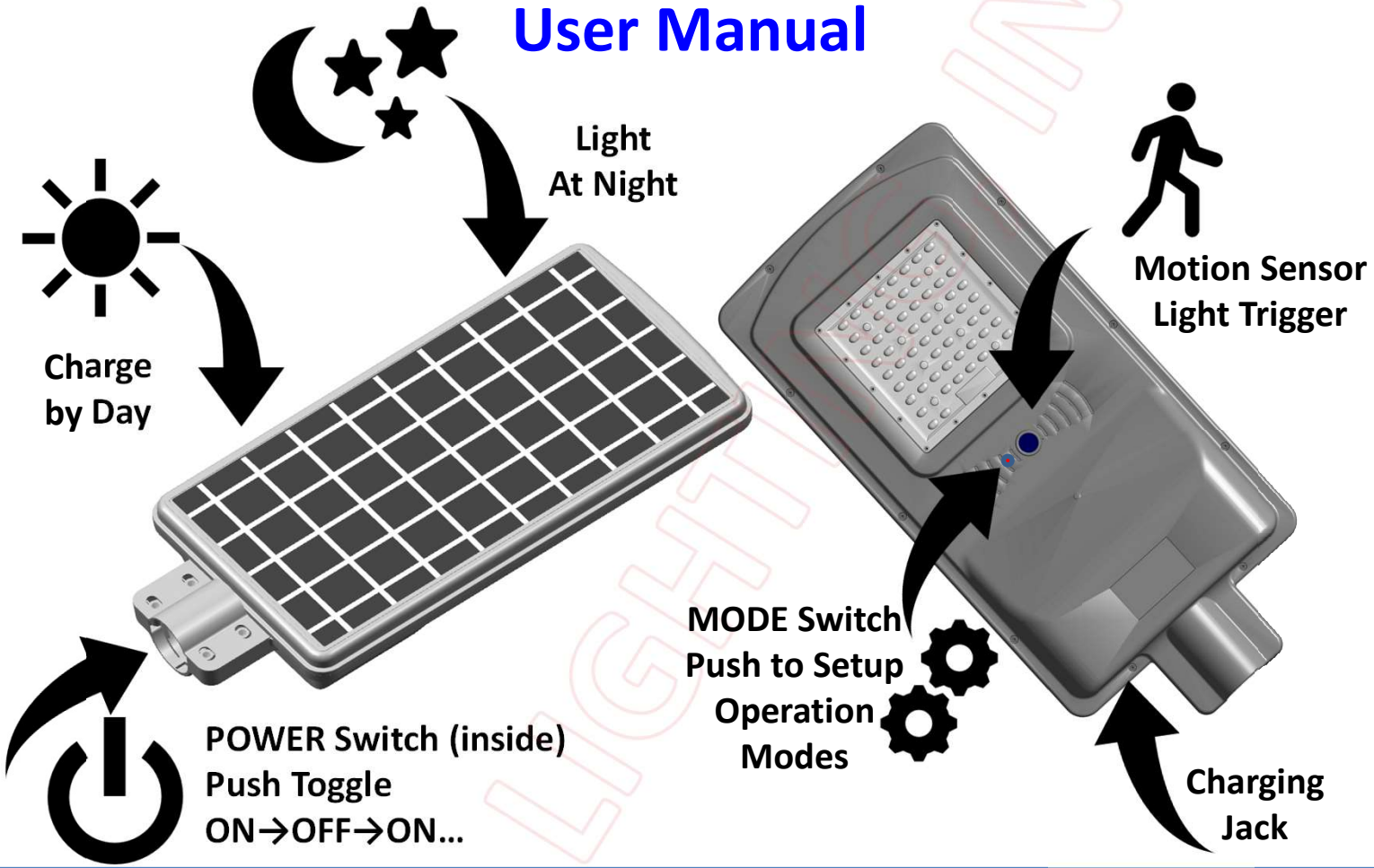
User Manual



Dual Function Solar Panel: • Charge the Built-in Battery by Day • Dusk to Dawn Photo Cell Sensor	**MODE A: Full Light for 45 seconds while Motion is detected, thereafter Light at 25% Power when No Motion Sensed**
Integrated Motion Sensor: • Sense Body Motion and Triggers Light • Re-Trigger Light when Body in Motion	**MODE B: Full Light for 45 seconds while Motion is detected, thereafter No Light (Light Turns OFF when No Motion sensed)**
Push Toggle POWER Switch: • Turns Power OFF when Lamp not in use • Push SW Toggles Lamp ON→OFF→ON…	**MODE C: Light is Always-On, at 50% Power. (Solar Panel is the Photo Cell Sensor for Dusk to Dawn operation)**
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 D: No Light (Shutdown). Use to Charge Battery during day.**

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How to Change Modes and Charge the Battery

The Power ON-OFF Switch is used in the OFF position to Ship the unit or for Storage.

Turn the Power Switch ON to start the unit operation at Night and ensure battery charging during the day. Push IN to Turn ON & Push OUT to Turn OFF.

Press the Mode Switch for about one second to switch the light modes.

Press the Mode Switch for one second and the LED will flicker Once. The unit is now in Mode A.

Press again for one second, and the LEDs will flicker Twice, meaning the unit is now in Mode B.

Press the Mode Switch again; the LEDs will flicker Three times, meaning the unit is now in Mode C.

To return to mode A, press the Mode Switch again; the LEDs will flicker Once to indicate the unit is in Mode A.

To charge the battery, press the Mood Switch for 6 to 10 seconds until the LEDs flicker 4 times. Now the unit is in mode D, and the battery will charge during the day by the sun, and the light will not turn on at Night to ensure the battery does not discharge. Keep charging for 2-3 Days to ensure the battery is fully charged.

To exit the battery charging mode, press the Power Switch to OFF, wait 1 to 3 seconds, and press the Power Switch to ON. The unit will now exit the battery charging mode and is ready for normal operation during the Night.

The unit is provided with a DC Charging Jack to Charge the Battery after Long Storage Time. Plug in the SLSL-40W Charger (7VDC 1AMP. MAX.) for 36~48 Hours to Charge the Battery.