



Smart LED Lighting



# 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 (\*) •



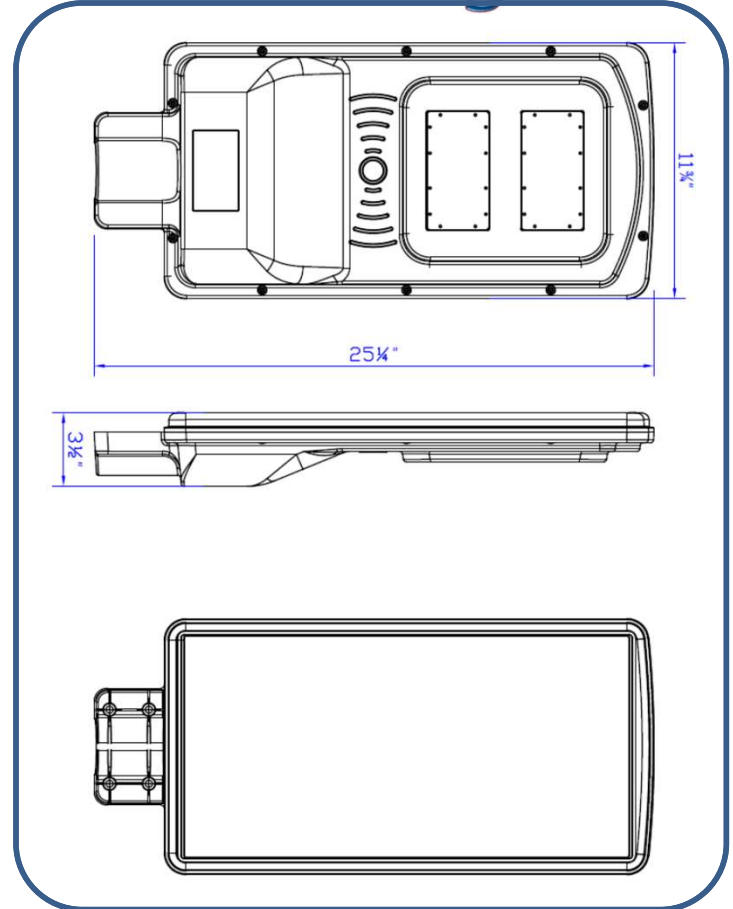
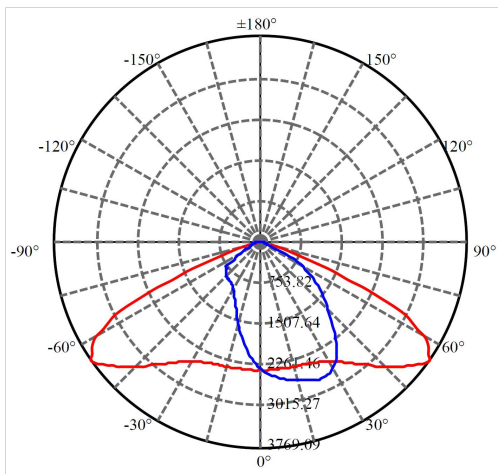
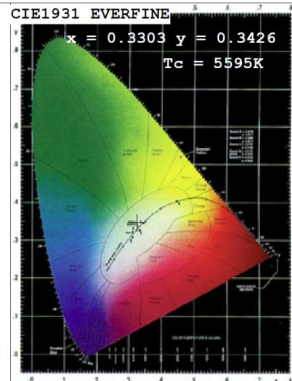
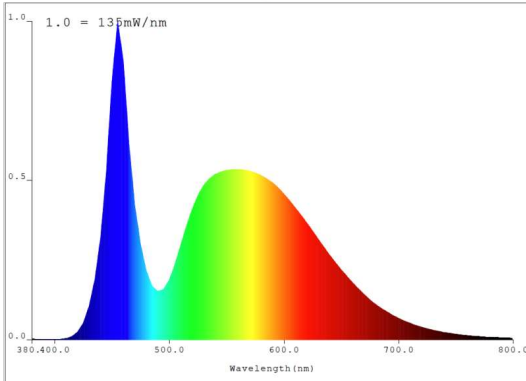
Model	Product	Size	Power	Flux	Equivalent
SLSL-20W24A-55K-MS	Eco Integrated Solar LED Street Light 20W 24A 55K Motion + Photo Sensor	(L) 25¼" (W) 11¾" (H) 3½"	Solar: 20W Battery: 3.7V x 24AH	2,600 lm (in Full Power)	175W MH

- 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. (L<sub>70</sub> B<sub>50</sub>) at T<sub>A</sub> 25°C Max. • Rust-Free Aluminum Die-Cast Construction •



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

Model	Product	Power	Equivalent
SLSL-20W24A-55K-MS	Eco Integrated Solar LED Street Light 20W 24A 55K Motion + Photo Sensor	Solar: 20W Battery: 3.7V x 24AH	175W MH
Input Voltage	Power/Power Factor	Efficacy	Flux
Independent Solar Operation: Charge by Day – Light at Night	Solar: 20W Battery: 3.7V x 24AH	~130 lm/W	2,600 Lumens (in Full Power)
Life & Warranty		Beam Angle	Color Rendering
10-Years Solar   5-Years Battery 50,000 Hours (L <sub>70</sub> B <sub>50</sub> ) T <sub>[A]</sub> 25°C Max.		150° x 70°	CRI ÷ 75~80 CCT 5,500K ±10%

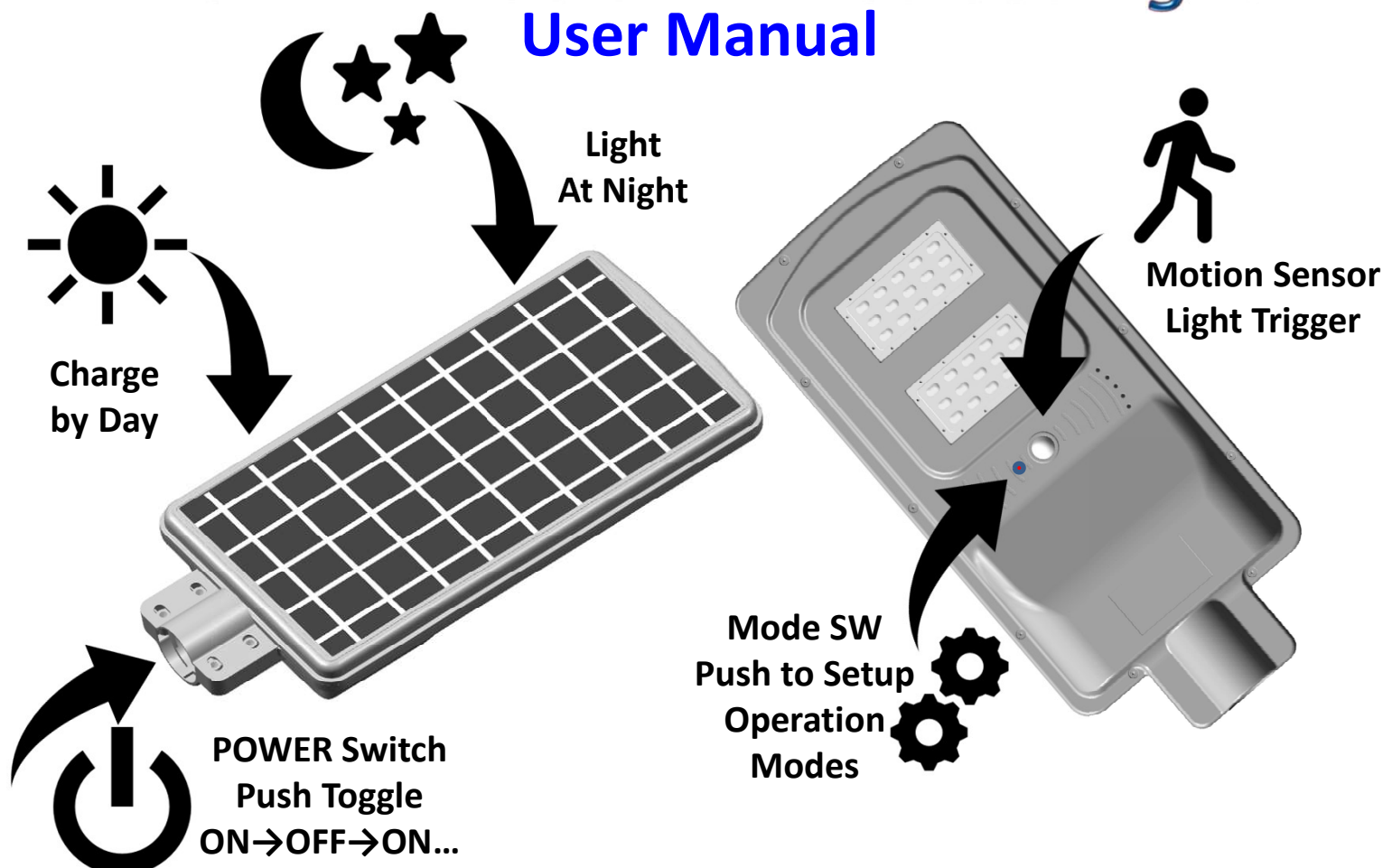


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## User Manual



### Dual Function Solar Panel:

- Charge the Built-in Battery by Day
- Dusk to Dawn Photo Cell Sensor

### 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.