

 **Unilamp**

SURYA

Intelligent Solar Street Lighting

NEW Release
SURYA

■ SOLAR

The **SURYA** is an advanced all-in-one solar LED street light, designed to provide reliable and energy-efficient illumination for various outdoor environments. Available in three different wattages (40W, 60W and 100W), it caters to a wide range of applications. Featuring an intelligent control system with a built-in microwave motion sensor and timer dimming, it optimizes energy usage while ensuring consistent brightness. The luminaire includes an adjustable LED module, a tiltable mounting bracket, and a detachable battery for simplified installation, maintenance, and replacement. Constructed from high-quality aluminum alloy and polycarbonate optical lenses, the SURYA offers exceptional durability and weather resistance, making it ideal for long-term outdoor use. Designed for post-top mounting, this fixture is engineered to withstand harsh environmental conditions while delivering high-performance illumination.

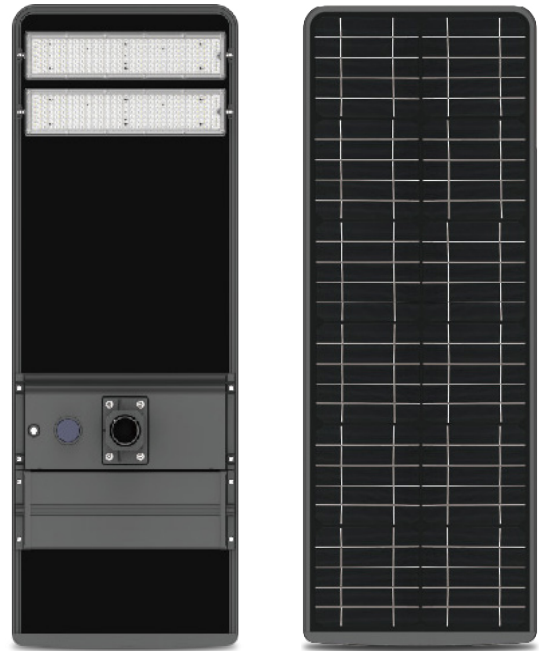


* Pole is not included and has to be ordered separately.

Specification

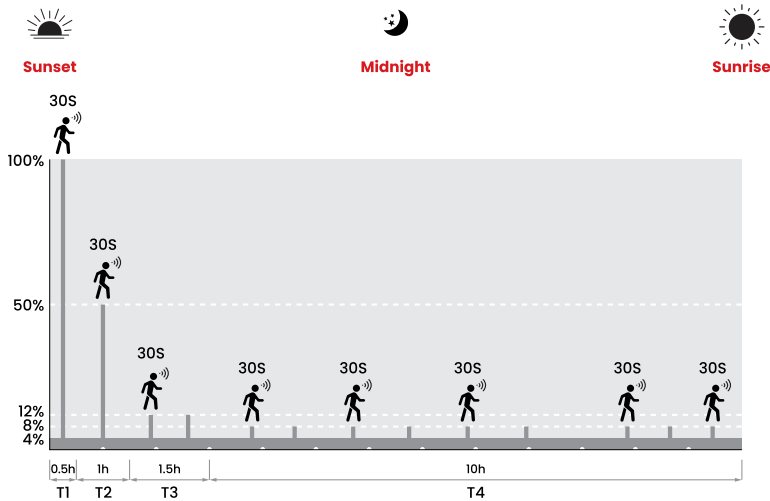
- Designed, Manufactured and Tested according to IEC 60598.
- LM6 die cast aluminum body.
- Luminaire top coated with UV stabilized polyester powder and cured.
- Molded Lens from renowned manufacturer.
- Post-cured silicone gasket.
- Stainless steel screws.
- High quality LED module.
- Premium mono-crystalline solar panel ensuring enhanced energy efficiency.
- Long-lasting LiFePO4 battery with removable design for easy maintenance.
- Smart MPPT controller maximizing solar panel output and energy utilization.
- Integrated microwave motion sensor with automatic dimming timer for energy savings.
- Installation must be performed as per the provided installation instructions.

Available Color



Intelligent Control System

- MPPT (Maximum Power Point Tracking) for maximum energy capture.
- Integrated motion sensor for adaptive lighting and energy conservation.
- Remote programming and system monitoring capabilities.



Stage Night Mode

		Time 1	Time 2	Time 3	Time 4
Default Working mode (Intelligent Mode)	Working hours	0.5h	1h	1.5h	10h
	Not detected	4%	4%	4%	4%
	Detected	100%	50%	12%	8%
Light up for 30 seconds when detected					



SURYA



SURYA 40



*Pole is not included and has to be ordered separately.

SURYA 60

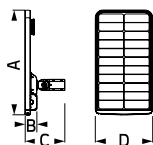


*Pole is not included and has to be ordered separately.

SURYA 100



*Pole is not included and has to be ordered separately.



Power	A	B	C	D
40W	848	75	363	252
60W	1075	80	363	252
100W	1358	80	493	263

Dimensions [mm.]

SURYA

NEW!

SOLAR

SURYA 40 / S702

SURYA 60 / S703

SURYA 100 / S705

Luminaire Performance

7800 - 19500 lm

40 - 100 W

195 lm/W

Beam Options



Color Temperature

4000K

Controller

Microwave Sensor & MPPT Controller

Accessories



Aluminum pole






Steel pole



Anchor Bolt



Remote controller

	Product Code	Luminaire Wattage	Beam	CCT	Luminaire Lumen	Efficacy	Controller	Ordering Code
							Microwave sensor & MPPT Controller	
SURYA	OD-S702 	40 W	T2	4000 K	7800 lm	195 lm/W	Yes	S702-I-G-042-A3
	OD-S703 	60 W	T2	4000 K	11700 lm	195 lm/W	Yes	S703-I-G-042-A3
	OD-S705 	100 W	T2	4000 K	19500 lm	195 lm/W	Yes	S705-I-G-042-A3

**Please contact sales team for special request.*



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