KIRITO



SL33

All-in-One Solar Post Top Light

Integrating elegant design with modularity, the luminaire, battery, and solar panel can be flexibly combined to meet a variety of customized project requirements.

- 15W-30W
- Up to 160lm/W
- IP66
- 0°C to + 50°C
- MPPT
- LifePO4
- Mono-crystalline Silicon Panel
- Sustainable

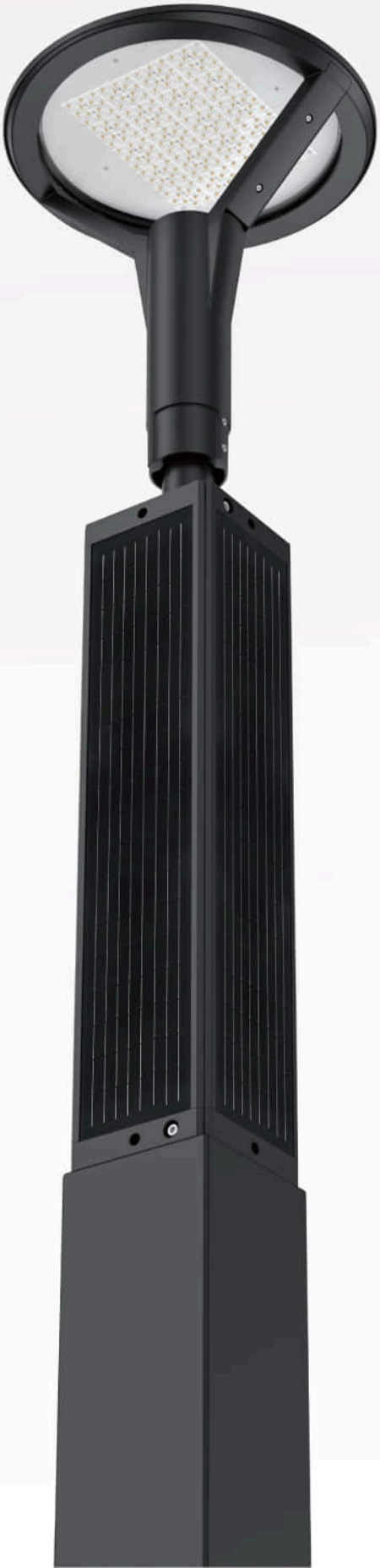


Development Philosophy

SL33 integrates the pole, luminaire, battery, and solar panel into a single elegant unit. Designed for the modern city, it combines a sleek post-top appearance with the flexibility of modular solar panels, offering a maintenance-friendly and high-performance lighting solution.



Efficient Performance

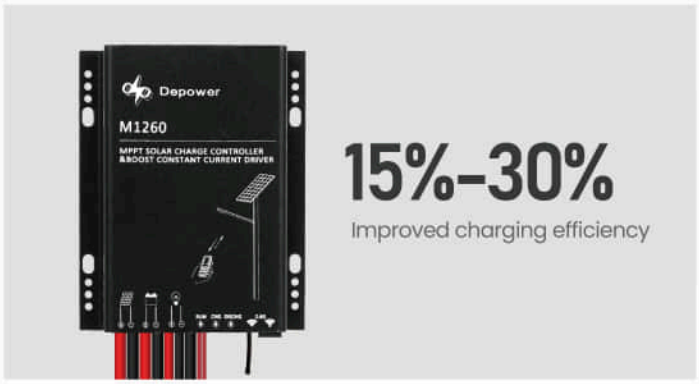




Equipped with a high-density LiFePO4 battery, it ensures over 2,000 cycles at 80% DOD, guaranteeing long-term reliability and stable performance.



Featuring a high-efficiency monocrystalline solar panel with an optimized vertical layout, it maximizes energy capture even in space-constrained environments.



Powered by an MPPT charge controller, it boosts charging efficiency by 15%-30% compared to PWM, ensuring faster charging and extended runtime.

Key Features

01

Modular solar panel design (60W/module) for flexible power expansion.



02

Up to 160lm/W high luminous efficacy.



03

IP66 & IK08 protection for all-weather durability.

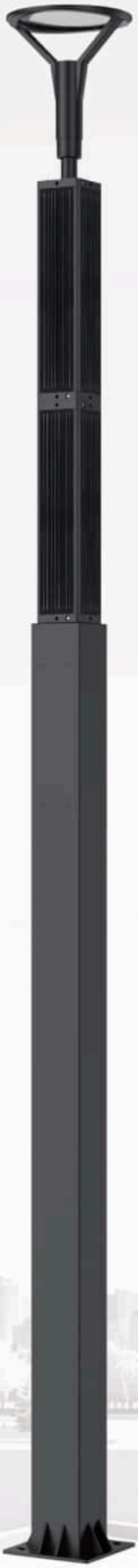




04

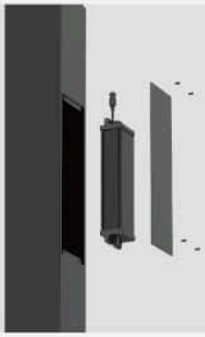
Operates for 2-3 days in rainy/cloudy weather.





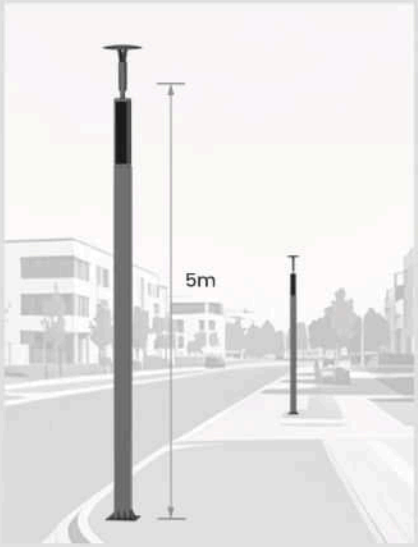
05

Built-in battery in the pole for easy maintenance and replacement.



06

5-meter standard pole height for broad area coverage.



07

Two remote controls are available, supporting both program settings and simple mode switching.

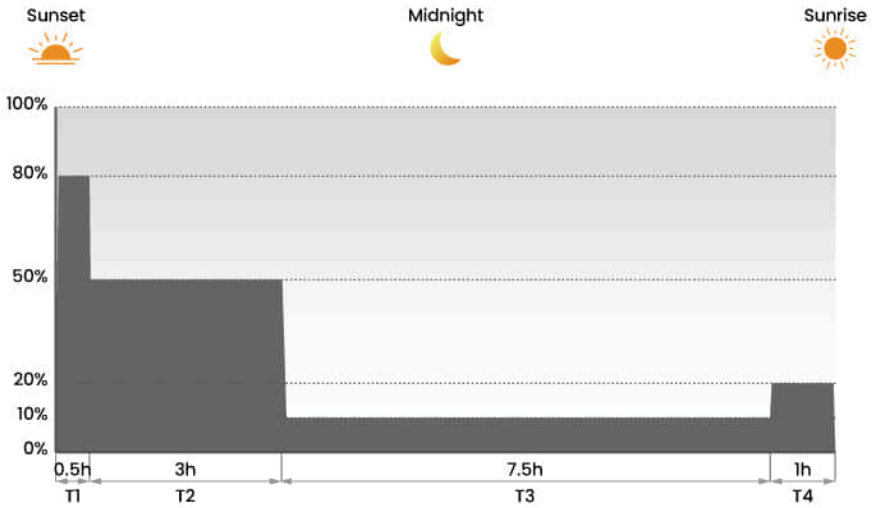


Smart Control

3 programmable working modes (Mode A/B/C) allow customization of brightness and timing to meet specific lighting needs.

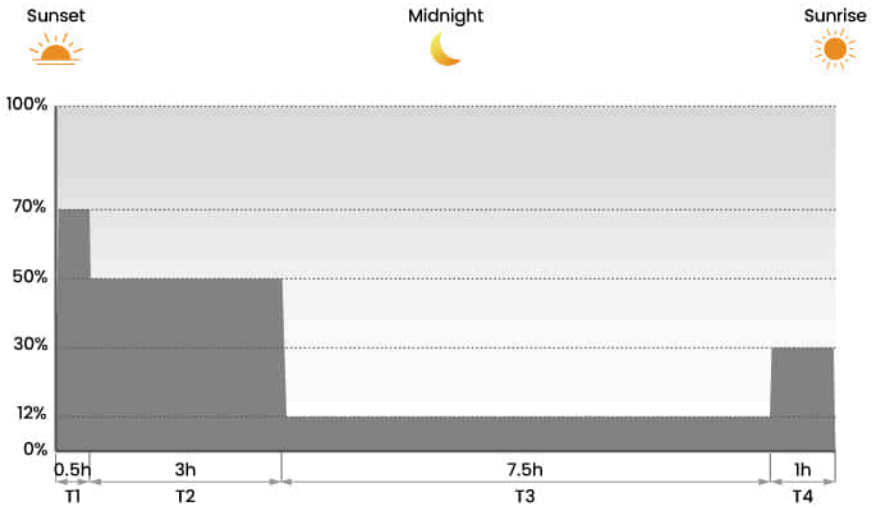
Mode A

Mode A (Default working mode)		
	Working hours	Brightness level
Time 1	0.5h	80%
Time 2	3h	50%
Time 3	7.5h	10%
Time 4	1h	20%
Runtime: operates for 2 days on a full charge.		



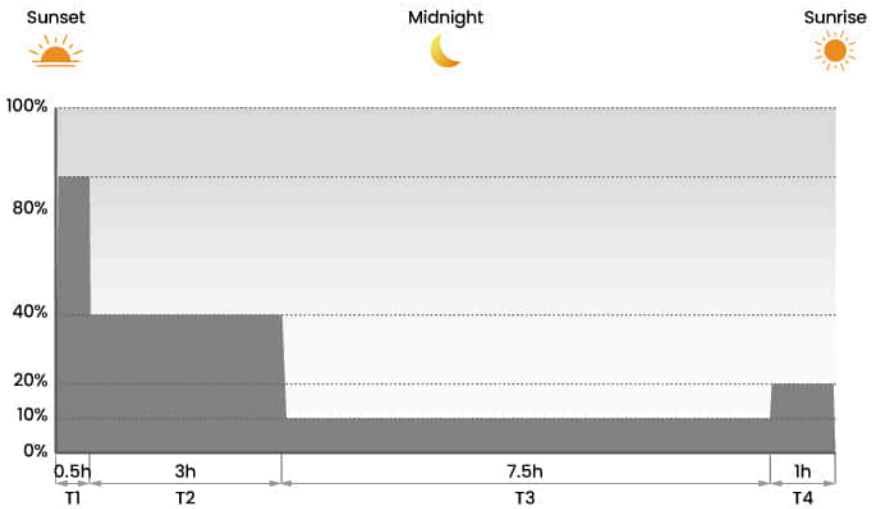
Mode B

Mode B		
	Working hours	Brightness level
Time 1	0.5h	70%
Time 2	3h	50%
Time 3	7.5h	12%
Time 4	1h	30%
Runtime: operates for 2~3 days on a full charge.		



Mode C

Mode C		
	Working hours	Brightness level
Time 1	0.5h	80%
Time 2	3h	40%
Time 3	7.5h	10%
Time 4	1h	20%
Runtime: operates for 3 days on a full charge.		



ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	SL07
Power	15W, 30W
Efficacy	160lm/W
CCT	3000K, 4000K, 5000K
CRI(Ra)	70
IP Rating	IP66
IK Rating	IK08
Mounting Option	Pole Mounting
Warranty	3 years for battery, 5 years for other parts
Operating Temperature	0°C to + 50°C

SL33 is an all-in-one solar post-top light delivering 15W–30W power. It integrates a 5-meter standard pole, featuring vertical monocrystalline solar panels (60W per module) for flexible power expansion and built-in battery inside the pole that cuts maintenance costs. Certified IP66 and IK08, the SL33 offers all-weather durability. Its LiFePO4 battery and MPPT controller boost charging efficiency, guaranteeing 2–3 days of autonomy during rainy periods. Three programmable modes allow brightness and timing scheduling. Two remote control options are available for both advanced program settings and simple mode switching.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4