KIRITO



SL07

Modular Solar Street Light

Industrial-grade performance with modular flexibility, engineered for reliable illumination.

- 40W-80W
- Up to180lm/W
- IP66
- 0°C to + 50°C
- MPPT
- LifePO4
- Mono-crystalline Silicon Panel
- Sustainable



Desgin Concept

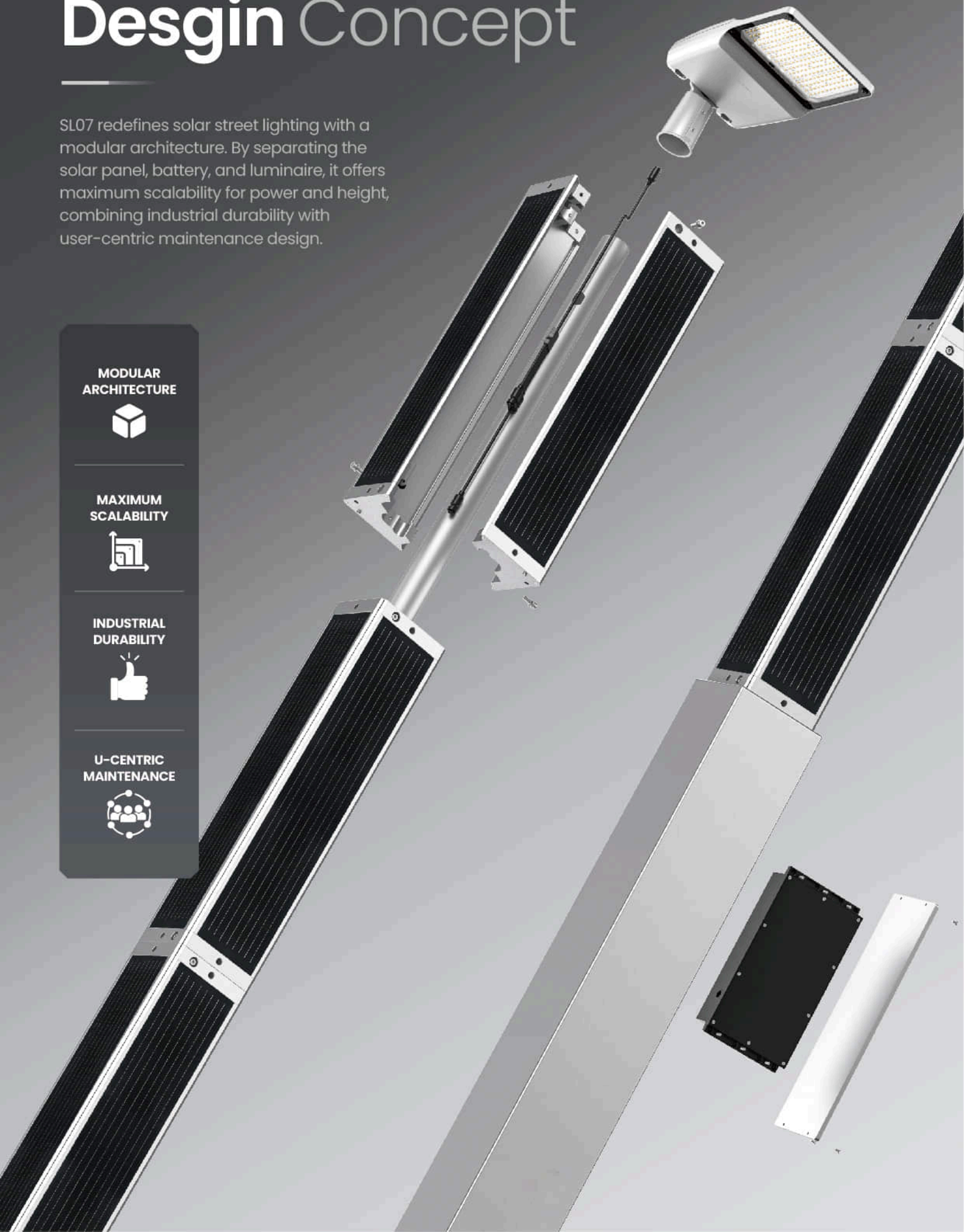
SL07 redefines solar street lighting with a modular architecture. By separating the solar panel, battery, and luminaire, it offers maximum scalability for power and height, combining industrial durability with user-centric maintenance design.

MODULAR ARCHITECTURE

MAXIMUM SCALABILITY

INDUSTRIAL DURABILITY

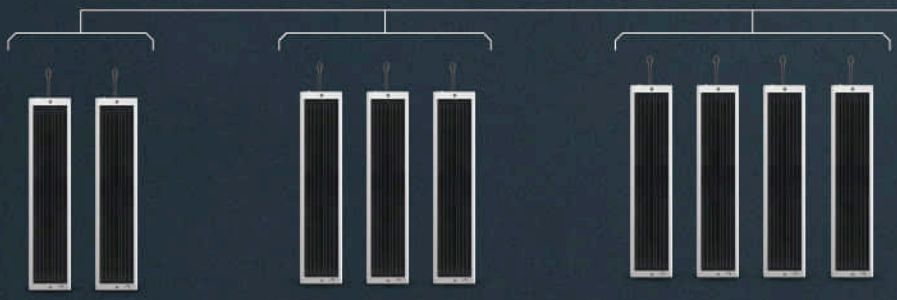
U-CENTRIC MAINTENANCE



Flexible Design

Featuring a 60W modular solar panel design, users can freely combine panels to match energy needs. Paired with LiFePO4 battery (up to 48Ah), it guarantees stable operation for 2-3 days during rainy periods.





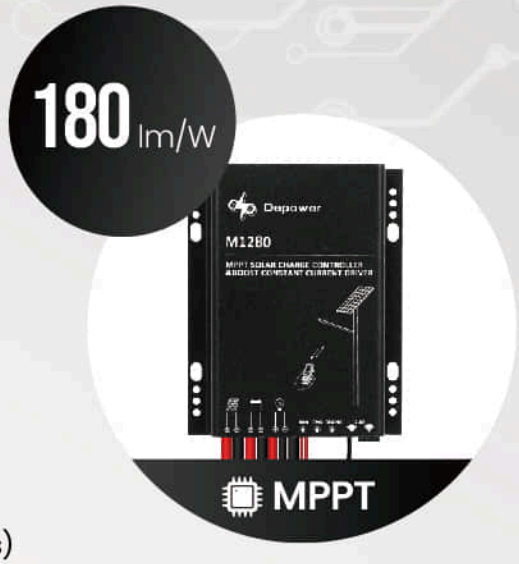
40W 60W 80W



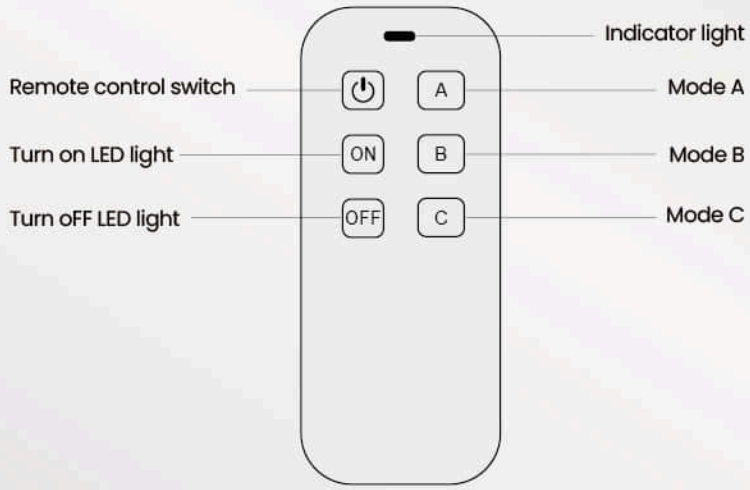
High-Efficiency Performance

High efficacy up to 180 lm/W and an MPPT controller, SL07 maximizes energy conversion and lighting output. Three programmable modes allow precise control over brightness scheduling.





RC-ABC (Instructions)

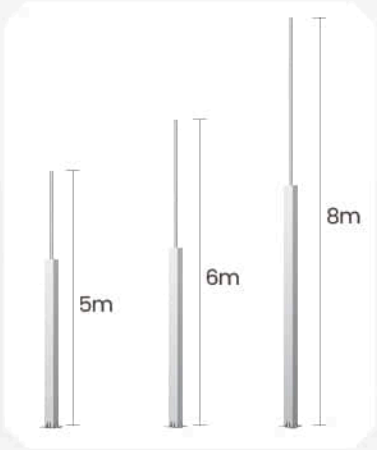


OPERATING MODE					
Mode	Time				Discharge Time
	0.5h	3h	7.5h	1h	
Mode A	50%	80%	10%	20%	2 days
Mode B	70%	50%	12%	30%	2.4 days
Mode C	80%	40%	10%	20%	3 days

Key Features



01
Available in 40W, 60W, and 80W options, with 5m, 6m, and 8m pole length.



02
Up to 180 lm/W high luminous efficacy.



03
IP66 & IK08 protection for all-weather durability.





04
60W modular panels for flexible expansion.



05
Built-in battery in the pole for easy maintenance and replacement.



06
Two remote controls are available, supporting both program settings and simple mode switching.



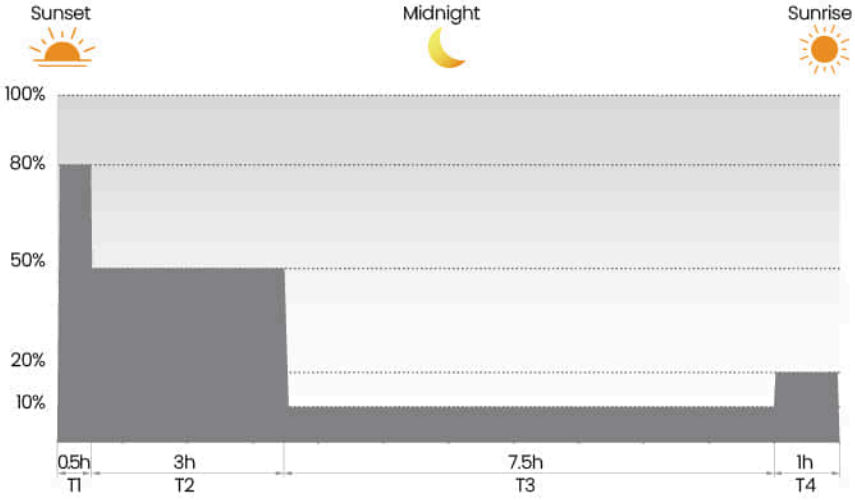
Smart Control

Three modes are available, with customizable brightness and time settings to save energy.

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%

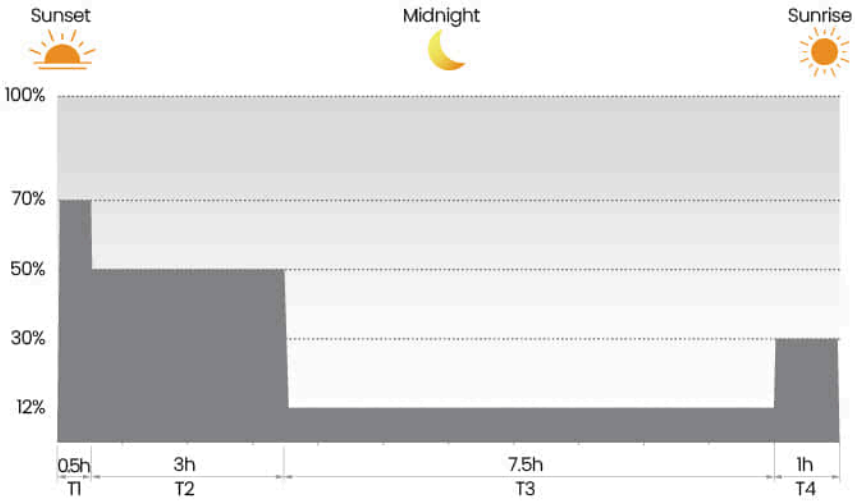
Runtime: operates for 2 days on a full charge



Mode B

	Working hours	Brightness level
Time 1	0.5H	70%
Time 2	3H	50%
Time 3	7.5H	12%
Time 4	1H	30%

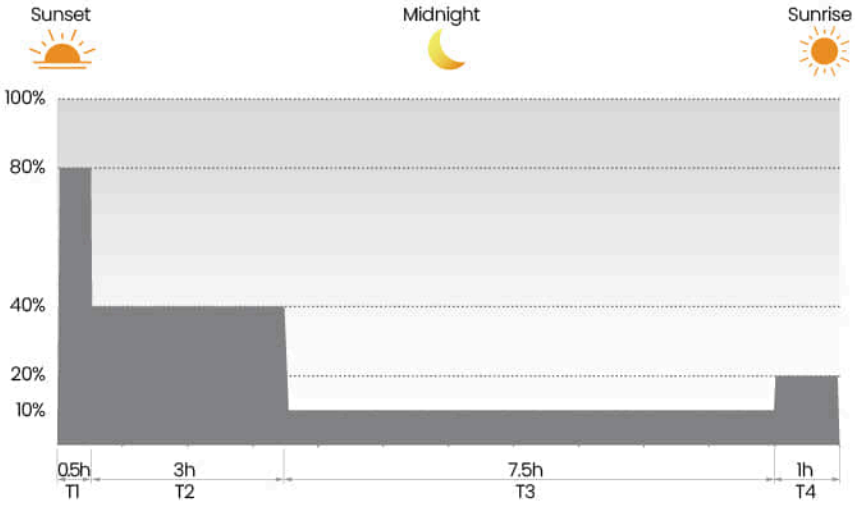
Runtime: operates for 2~3 days on a full charge



Mode C

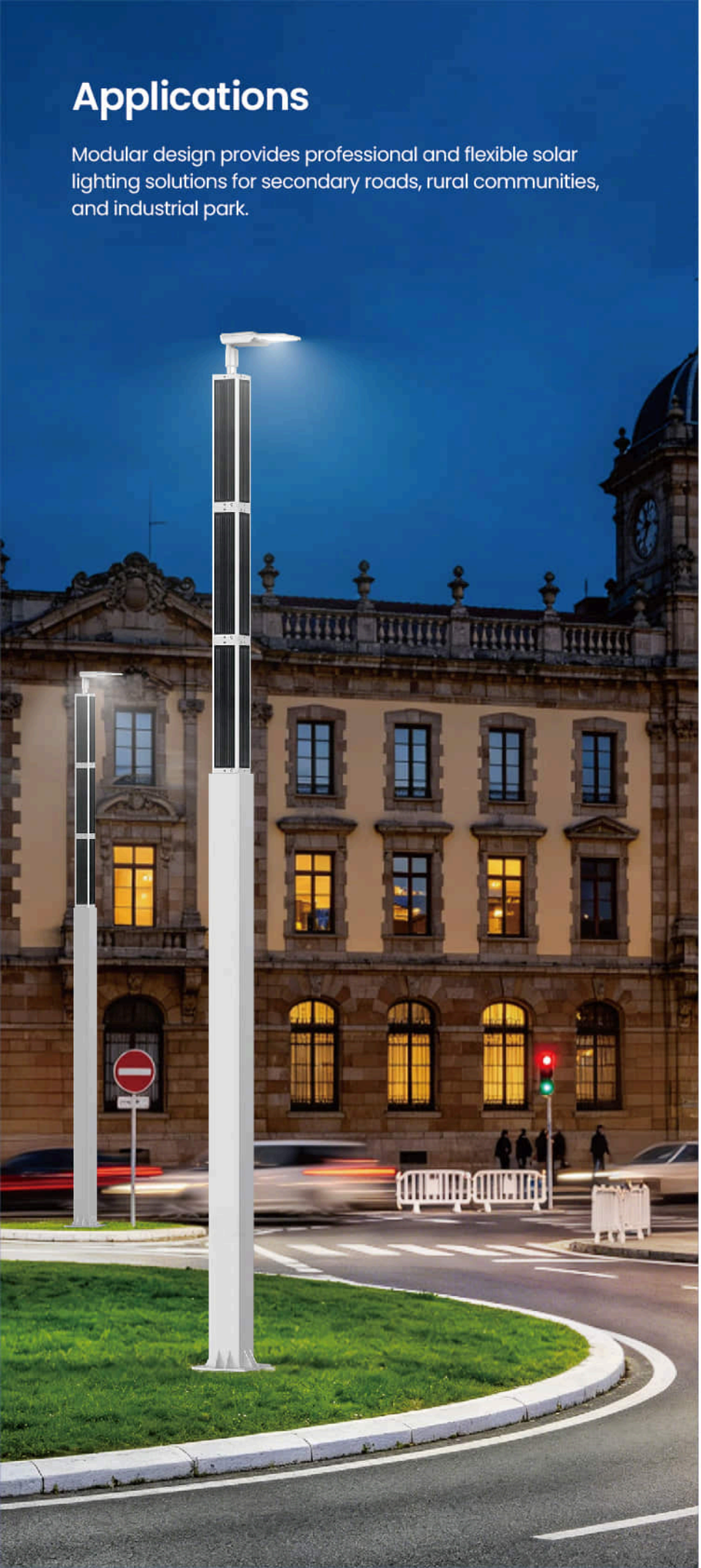
	Working hours	Brightness level
Time 1	0.5H	80%
Time 2	3H	40%
Time 3	7.5H	10%
Time 4	1H	20%

Runtime: operates for 3 days on a full charge



Applications

Modular design provides professional and flexible solar lighting solutions for secondary roads, rural communities, and industrial park.







ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	SL07
Power	40W, 60W, 80W
Efficacy	180lm/W
CCT	3000K, 4000K, 5000K
CRI(Ra)	70
Corrosion Class	C3
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

SL07 is a high-efficiency all-in-one solar street light delivering up to 180lm/W. Its scalable modular design utilizes 60W solar panel modules for flexible power configurations. With the built-in battery inside the pole, it lowers maintenance labor costs. With IP66 and IK08 protections, the SL07 offers all-weather durability. Its LiFePO4 battery, monocrystalline panels, and MPPT control guarantee 2-3 days of rainy-day autonomy. Three programmable modes allow custom brightness scheduling. Two remote control options are available, supporting both advanced program settings and simple mode switching.

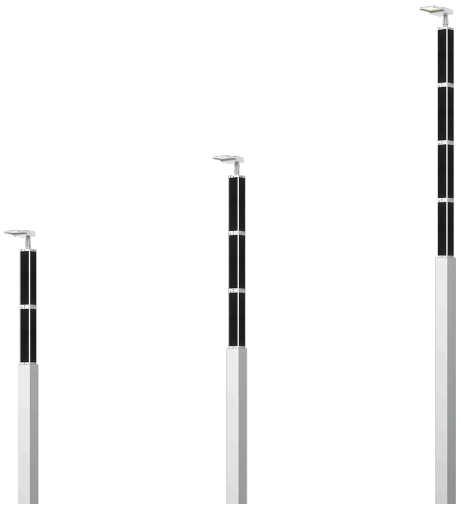
PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3