KIRITO



SL01 SunRay

All-in-One Solar Street Light

A full range solar street luminaire with flexibility and low maintenance solution.

- 30-100W
- 195lm/W
- IP66
- LifePO4
- Timer dim
- Smart control
- PIR
- High flexibility



Sustainable Design

The battery box and LED module are replaceable, which facilitates storage and maintenance.



1. Microwave Sensor & MPPT Controller

2. ±45° Adjustable and replaceable LED Module

3. On/Off Switch

4. Mono Crystalline Solar Panel

5. Aluminum Alloy Profile

6. Replaceable Battery Box(LiFeP04)

7. Flexible angle-adjustable pole mount spigot

30W-60W

80W-100W

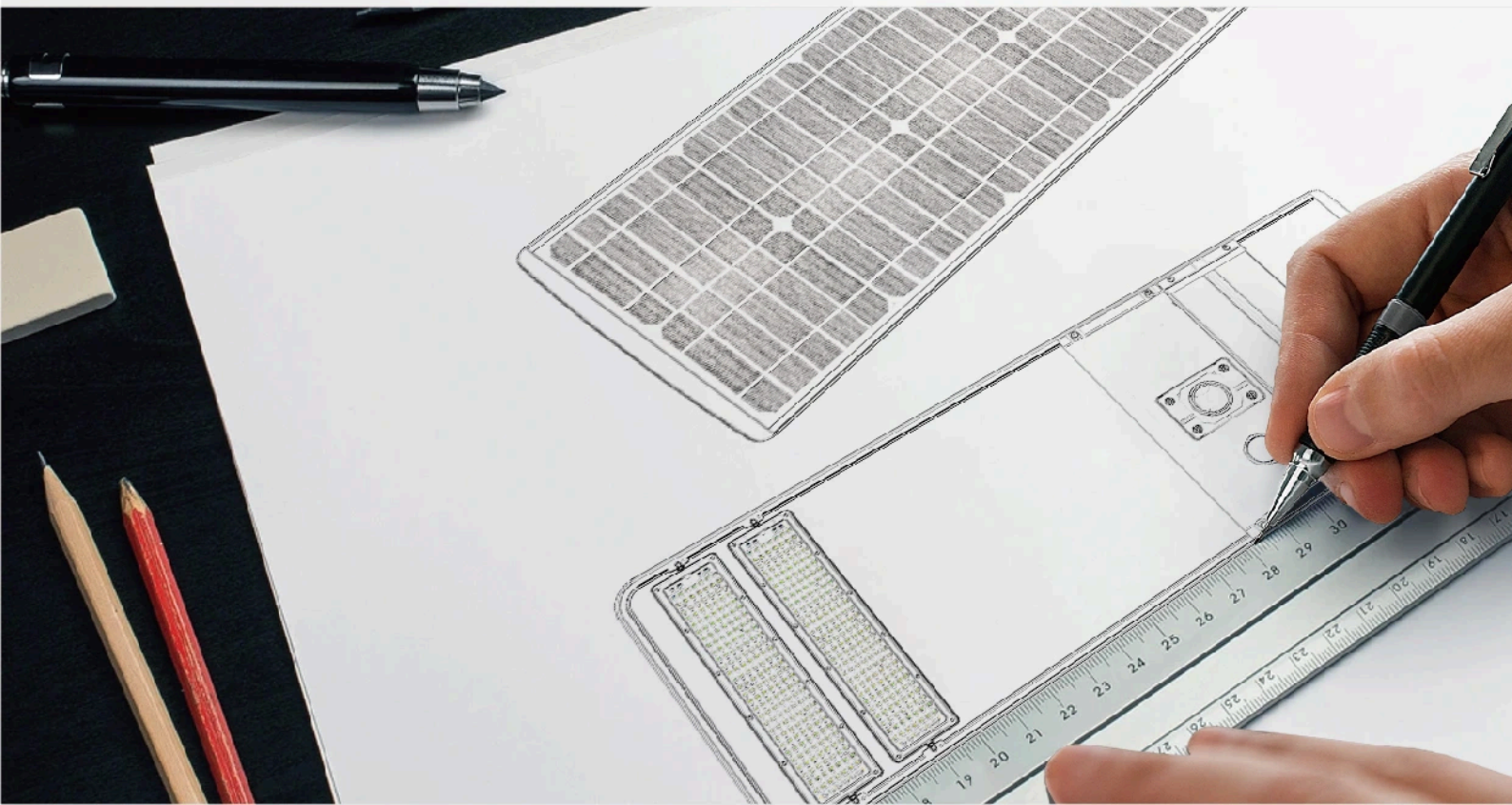
Five Dimensions' Family

Five wattages, different sizes, with high cost-effective.



Customizable Service

The configuration of solar panels and batteries can also be customized according to specific requirements to meet different needs.



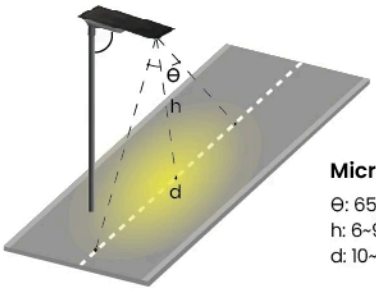
Intelligent Control Mode

Built-in microwave sensor - When a person enters the sensing range, the corresponding brightness will light up according to the program setting, and it will enter dark mode when no one is around.



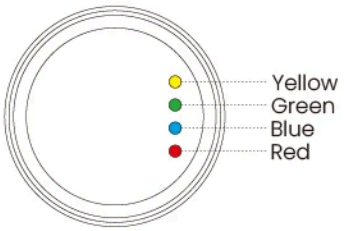
Microwave sensor indicator status (Red LED)

Controller Status	Indicator status
Normal charging	1s cycle flashing
Normal working	ON
Alarm message exists	0.5s cycle flashing
Machine standby	2s cycle flashing



Microwave
θ: 65°
h: 6~9m
d: 10~16m

Microwave motion sensor (Hybrid solar power)



Remote Control:
Different remote control options to accommodate program settings and simple mode switching.



Remote control for solar power

Code	Product weight(kg) ±6%		Package weight(kg) ±6%		Carton size (mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
RC24G	0.12	0.17	6	9.5	340x330x265	50



Remote control (For solar power selecting working mode: Mode A/Mode B/Mode C)

Code	Product weight(kg) ±6%		Package weight(kg) ±6%		Carton size (mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
RC-ABC	0.06	0.08	4.00	4.5	340x330x265	50



Remote control for Hybrid solar power

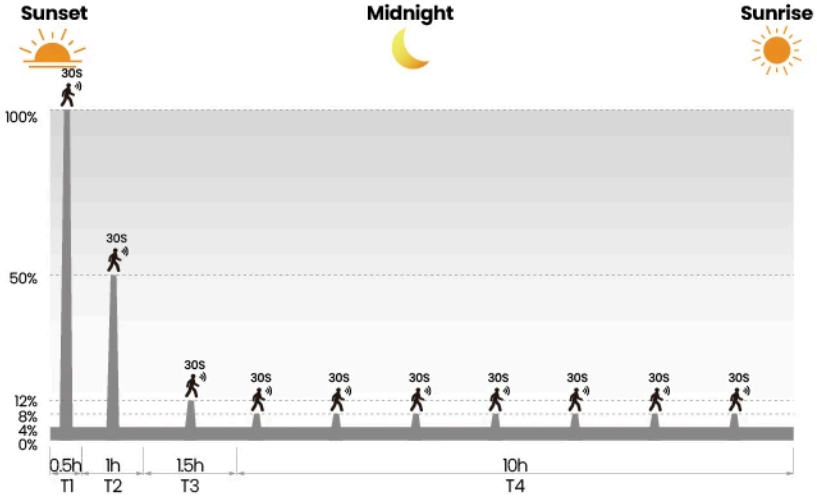
Code	Product weight(kg) ±6%		Package weight(kg) ±6%		Carton size (mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
8019-G	0.07	0.08	3.75	4.31	460x290x210	50

Working Mode

Note: Factory settings can also be set in batches according to different needs.

Mode A (With Sensor) **Mode B** (With Sensor)

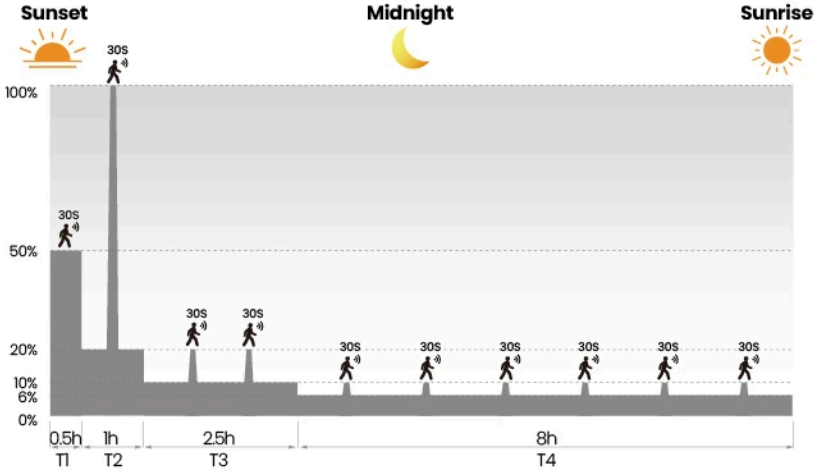
Light Delay 30s:
When motion is detected, the light operates at the Detected brightness level. When no motion is detected, after 30 seconds, the light switches to the Not detected brightness level.



Mode A (With Sensor)

	Time 1	Time 2	Time 3	Time 4
Working hours	0.5h	1h	1.5h	10h
Not detected	4%	4%	4%	4%
Detected	100%	50%	12%	8%

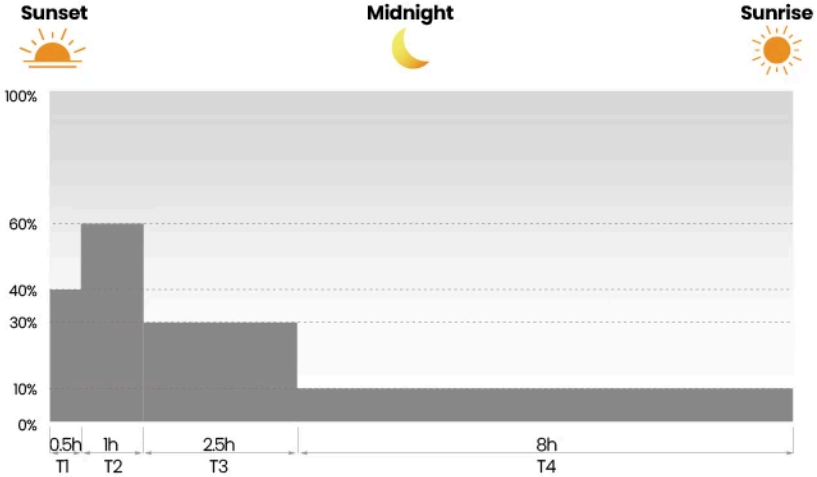
Standard version: operates for 2-3 days on a full charge
Long autonomy version: operates for 4-6 days on a full charge



Mode B (With Sensor)

	Time 1	Time 2	Time 3	Time 4
Working hours	0.5h	1h	2.5h	8h
Not detected	50%	20%	10%	6%
Detected	50%	100%	20%	10%

Standard version: operates for 1.5-2 days on a full charge
Long autonomy version: operates for 4-5 days on a full charge



Mode C (Without Sensor)

	Time 1	Time 2	Time 3	Time 4
Working hours	0.5h	1h	2.5h	8h
Not detected	40%	60%	30%	10%

Standard version: operates for 1-2 days on a full charge
Long autonomy version: operates for 3-4 days on a full charge

ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	SL01
Power	30W, 40W, 60W, 80W, 100W
Efficacy	195lm/W
Power Factor	>0.90
CCT	3000K, 4000K, 5000K
CRI(Ra)	70, 80
Control	Microwave Sensor
IP Rating	IP66
Mounting Option	Post Top
Warranty	Battery: 3 Years, Other accessories: 5 Years
Surge Protection	4kV line-line, 6kV line-earth
Operating Temperature	0°C to + 50°C

SL01 is a full range solar street light, five sizes cover 30W, 40W, 60W, 80W and 100W, well satisfy different applications. Smart control with built-in microwave motion senor and timer dimming. Adjustable mounting angle, adjustable LED module and removable battery for easy installation, maintenance and replacement. All in one design, efficiency up to 195lm/W. Built in microwave motion senor and timer dimming function Higher conversion Mono-crystalline photovoltaic solar panel. Luminaire size length and width can be customized. Solar panel and battery configurations can be customized. Easy maintainance with removable battery. LED module is adjustable. Applications: Rural roadway, Urban road, Walk path, Courtyard, Parking lot, Park, Plazas

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PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4

PRODUCT VIEWS



VIEW 5