

SOLAR LIGHTING SERIES · OUTDOOR

Solar | V4®.

100% autonomous, no electrical wiring · 30 to 100 W

IP65 · LIFEPO4 · 5-7 RAINY DAYS

WARNINGS

WORK AT HEIGHT

- Wear personal protective equipment and use a stable platform or ladder. Do not install in rain or strong wind.
- The panel is large and heavy: handle it with two people.

INSTALLATION

- Install the fixture on a firm, well-anchored pole of the stated diameter.
- Avoid shade on the panel (trees, buildings, signs). Installation that does not comply voids the warranty.

Before you start

SUGGESTED TOOLS

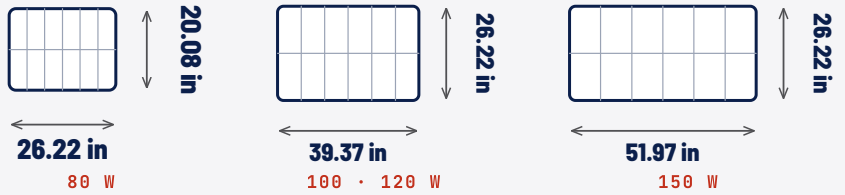
- Ladder or platform
- Adjustable wrench
- Screwdriver
- Drill driver
- Remote control (included)

Dimensions

SOLAR PANEL AND BODY

Solar panel

18 V



Body + panel

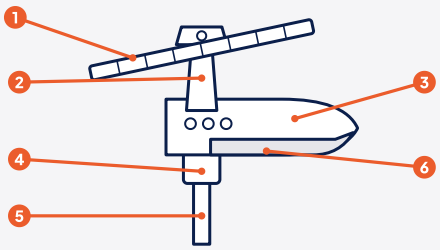
W × H

60 W	21.18 in × 20.67 in
80 W	25.71 in × 19.33 in

The other wattages share the body design; the panel size changes.

Know your fixture

SIDE VIEW



1. **Solar panel**
   18 V monocrystalline silicon; tilts by hand.
2. **Panel support**
   Joins the panel to the body and lets you rotate it.
3. **Body**
   Holds the LiFePO4 battery, the controller and the LED.
4. **Sleeve**
   Fastens to the body with 6 screws.
5. **Pole**
   Not included. 60 mm (30–50 W) or 76 mm (60–100 W) diameter.
6. **LED indicators**
   Under the body: charge, battery and load.

01 — MOUNTING

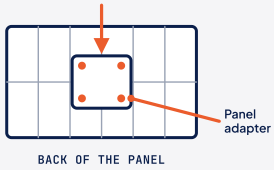
Assemble, join and fix.

Assemble the panel with its support, join it to the body and fix everything to the pole.
Mount the fixture between 5 and 10 m high, depending on wattage (see datasheet).

A · Assemble the panel

ON THE GROUND, WITH TWO PEOPLE

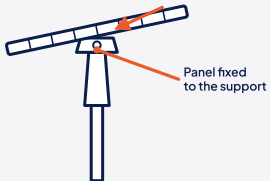
1



Fix the adapter

Screw the adapter to the back of the panel.

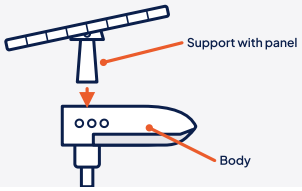
2



Panel to support

Fix the panel and its adapter onto the panel support.

3



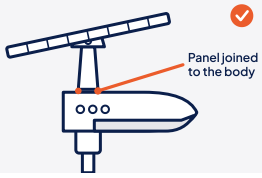
Support to body

Connect the secured support to the fixture body.

B · Join and fix

BODY, SLEEVE AND POLE

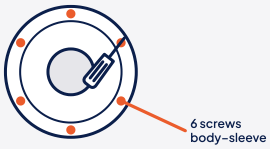
4



Join the panel

Connect the secured panel to the body and check it has no play.

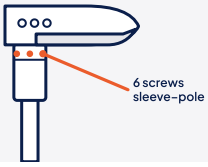
5



Body and sleeve

Fix the body to the sleeve with the 6 screws.

6

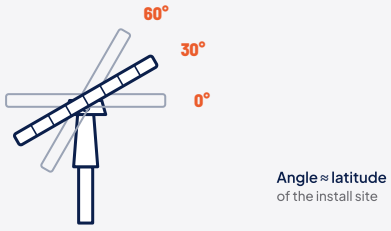


Body to pole

Fix the assembly to the pole with 6 screws and tighten evenly.

C · Aim the panel

ANGLE AND DIRECTION



7 **Tilt and turn the panel**

Adjust the angle by hand (≈ the site latitude) and turn it to face south, free of shade.

- Pole firm and plumb
- 6 + 6 screws tight
- Panel free of shade
- Panel firm, no play

02 — START-UP

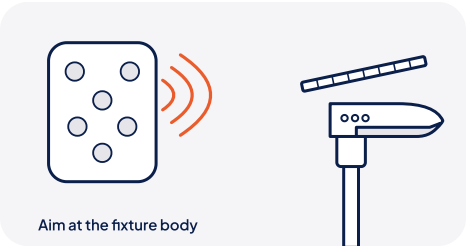
Test, choose and check.

The fixture is 100% autonomous: there is no electrical wiring. Use the remote control to test it and choose the working mode.

Remote control

INCLUDED WITH THE FIXTURE

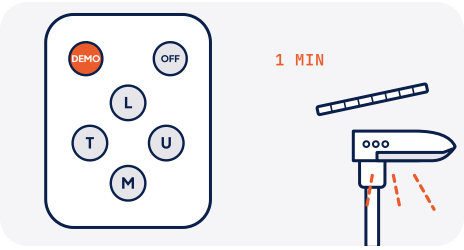
1



Aim the remote

Point the remote control at the fixture body.

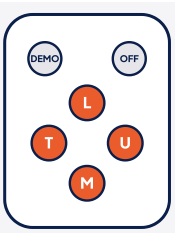
2



Test with DEMO

Press DEMO: the fixture turns on for 1 minute to check it works.

3



L·T·M·U

L is the factory mode

Choose the mode

Press L, T, M or U. OFF switches it off completely.

Working modes

STEPPED DIMMING

Constant night

MODE L

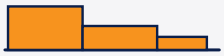


On all night, with stepped power reduction. This is the factory mode.

STREET · AVENUE · PATHWAYS

Fixed 8 hours

MODE T



Lights 8 continuous hours with stepped power reduction.

RURAL ROAD

Fixed 6 hours

MODE M



Lights 6 continuous hours with stepped power reduction.

PUBLIC PARK · PARKING LOT

High intensity

MODE U



6 hours: high intensity for the first 3 and a 50% reduction for the last 3.

OUTDOOR INDUSTRIAL AREA

LED indicators

UNDER THE FIXTURE BODY

LED	Shows		Status	Means
Blue · charge	The panel charges the battery	●	Steady on	Charging
		○	Off	Fully charged
Red · battery	Battery status	●	On	Battery normal
		○	Off	Battery disconnected or empty
		●○●○	Fast blink	Battery discharged
		● ○	Slow blink	Battery fully charged
Green · load	The fixture is on	●	Steady on	Load active
		○	Off	No load

03 — REFERENCE DATA

Know your numbers.

BATTERY
192–640 Wh
LiFePO4 3.2 V

SOLAR PANEL
60–150 W
18 V · 19–22 %

AUTONOMY
5–7 days
rainy, fully charged

RATING
IP65
−4 to 140 °F

Model	Luminous flux	Battery	Solar panel	Pole
SLS4-30W	6,000 lm	192 Wh	60 W	60 mm
SLS4-40W	8,000 lm	256 Wh	80 W	60 mm
SLS4-50W	10,000 lm	320 Wh	80 W	60 mm
SLS4-60W	12,000 lm	384 Wh	100 W	76 mm
SLS4-80W	16,000 lm	512 Wh	120 W	76 mm
SLS4-100W	20,000 lm	640 Wh	150 W	76 mm

CCT 6000 K · CRI Ra ≥ 70 · Type II photometric curve. Suggested pole spacing: 20 to 40 m.

04 — TROUBLESHOOTING

Symptom	Cause	Solution
Does not turn on at night	OFF mode selected.	Choose L, T, M or U with the remote control.
	Red LED off: battery disconnected or empty.	Check the battery connection and run the DEMO test.
	Red LED fast blinking: battery discharged.	Let it charge in direct sun and check the panel.
Turns off earlier than expected	Low charge from shade, dirt or cloudy days.	Clean the panel, remove shade and re-aim the angle.
Blue LED does not light by day	Panel shaded, dirty or poorly aimed; or battery already full.	Check the panel; if the red LED blinks slowly, the battery is full.
The mode does not change	Remote without battery or not aimed well.	Aim at the body, move closer and replace the battery.

JUNGO LIGHTING

Questions about the installation?
Our technical team can help. **hello@jungo.lighting** · **+52 (81) 1502 6590**
Datasheet at **jungo.lighting/en/solar-v4**

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