

SOLAR LIGHTING · SOLAR LED BOLLARD

Sidewalk Solar®.

SO · MO Series · 4 W · 4000 K

100 % SOLAR | IP66 · IK08

WARNINGS

LiFePO4 BATTERY

- Do not puncture, hit or short-circuit the battery, and do not open the body unnecessarily.
- Connect the battery wires before mounting the head.

INSTALLATION

- Choose a spot with direct sun all day, with no shade on the panel.
- Follow all local safety codes.

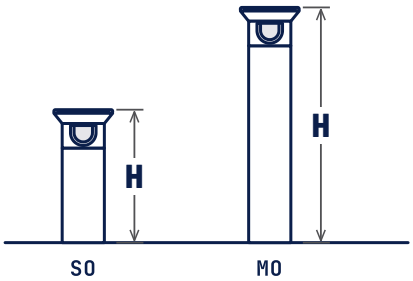
Before you start

SUGGESTED TOOLS

- Hammer drill and bits
- Wrench for nuts
- Screwdriver

Dimensions and weight

MODELS SO · MO



FRONT VIEW

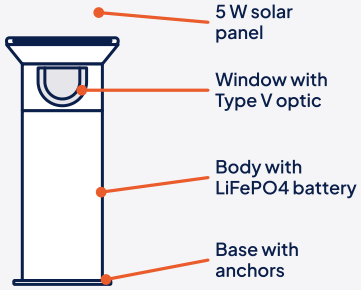


TOP VIEW

Solar head Ø	9.06 in
Body Ø	6.50 in
Height SO (H)	20.47 in
Height MO (H)	36.22 in
Weight SO / MO	11.2 / 14.6 lb

Know your fixture

FLOOR-MOUNTED SOLAR BOLLARD



1. **Monocrystalline solar panel**
   5 W in the head, with UV-protected polycarbonate cover.
2. **4 W LED · Type V optic**
   560 lm at 4000 K for paths and plazas.
3. **Aluminum body, IP66 + IK08**
   Houses the 38.4 Wh LiFePO4 battery.
4. **Floor-mount base**
   Fixed with anchors. No wiring or trenching.

Key data

100 % SOLAR · NO WIRING

SOLAR PANEL	BATTERY	WATTAGE	OUTPUT	AUTONOMY (PIR)	OPERATING TEMP.
5 W · 5 V	38.4 Wh	4 W	560 lm	4–5 days	32 to 122 °F

01 — MOUNTING

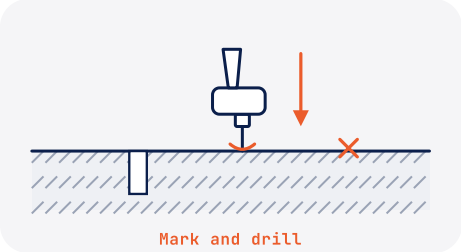
Anchor, connect and mount.

Fix the base to the floor with anchors, mount the body, connect the battery and place the head with the panel. No electrical wiring is needed.

A · Base and anchoring

FLOOR MOUNTING

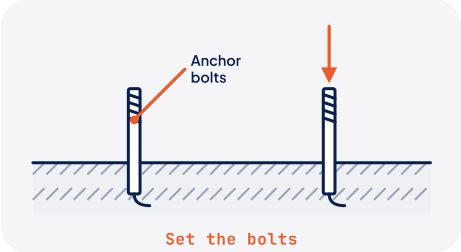
1



Mark and drill

Mark the anchor points using the base as a template and drill into solid ground.

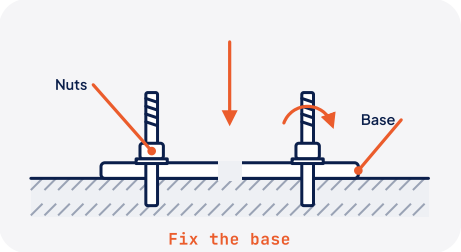
2



Set the bolts

Secure the anchor bolts in the holes and keep them plumb.

3



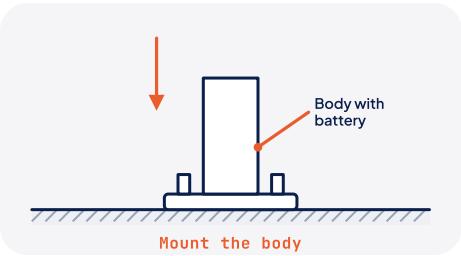
Fix the base

Rest the base on the bolts, level it and tighten the nuts.

B · Body, battery and head

ON THE BASE

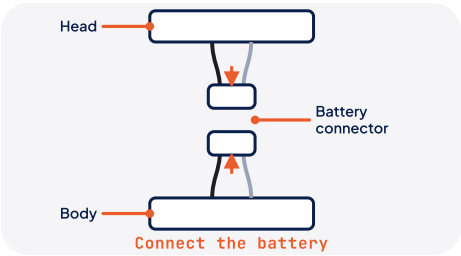
4



Mount the body

Lower the body onto the base and secure it. Keep the battery wires within reach.

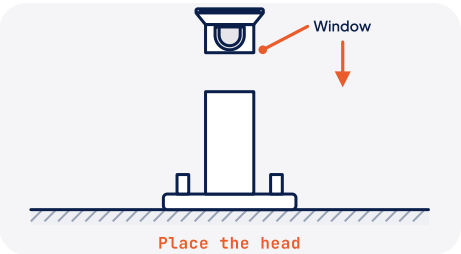
5



Connect the battery

Join the head connector to the battery connector. This activates the light.

6



Place the head

Lower the head onto the body, secure it and turn the window toward the area to light.

C · Check before you leave

CHECKLIST

- ☑ Base firm and level
- ☑ Nuts fully tightened
- ☑ Battery connected
- ☑ Head secured to the body
- ☑ Window facing the lit area
- ☑ Panel free of shade

REMEMBER Connect the battery before placing the head. The light turns on by itself at dusk; for the first night, let it charge a full day in direct sun.

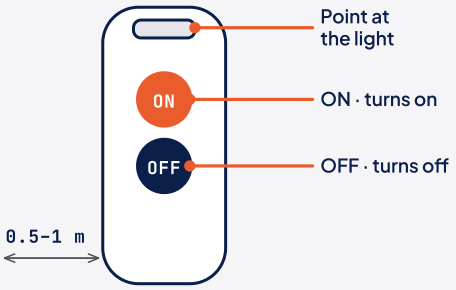
02 — START-UP

Turn on, test and protect.

It turns on by itself at dusk with the energy stored during the day. The included remote control switches it on and off.

Remote control

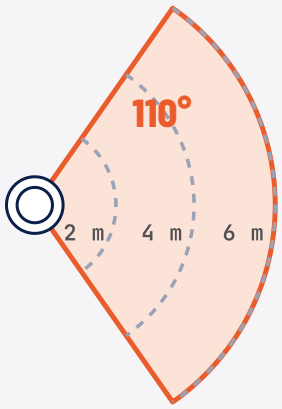
INCLUDED WITH THE LIGHT



1. **Point at the light**
   Aim the emitter at the light from 0.5–1 m away.
2. **ON**
   Turns the light on to check that it works.
3. **OFF**
   Switches the light off.

Motion sensor and modes

SAVES ENERGY



PIR **Factory mode with sensor**



Runs at low light and boosts to full power for 30 s each time it detects motion, across a 110° angle.

T1·T2·T3 **Operating hours**



Options of 1, 4 and 8 hours of lighting from dusk.

First night

BEFORE LEAVING IT ALONE

Let it charge
Leave the light in full sun for a whole day so the battery charges before you rely on it.

Check at dusk
Confirm it turns on by itself and the light covers the area. If not, see section 05.

Optional accessory

ORDERED SEPARATELY



Side shield

CODE BC-B01

Blocks one side of the head and prevents glare on houses and facades.

03 — REFERENCE DATA

Know its numbers.

Values from the 2026 datasheet to plan the installation and follow up on the light.

SOLAR PANEL
5 W · 5 V
Monocrystalline silicon

BATTERY
38.4 Wh
LiFePO4 · 3.2 V · 12 Ah

CCT
4000 K
CRI ≥ 80 · Type V

RATING
IP66 + IK08
32 to 122 °F

Model	Height	Power	Output	Battery	Panel
SO	20.47 in	4 W	560 lm	38.4 Wh · 12 Ah	5 W
MO	36.22 in	4 W	560 lm	38.4 Wh · 12 Ah	5 W

Code: SWS – model – accessory. Example: SWS-MO-BC-B01. Autonomy: 8–9 h at full power · up to 4–5 days in smart (PIR) mode. Battery: > 2,000 cycles (80 % DOD), 3-year warranty. Lumen maintenance: 100,000 h.

04 — MAINTENANCE AND CLEANING

- Clean the panel with water and a soft cloth, no abrasives.
- Keep the panel free of leaves, dust and shade.
- Periodically check that the base is still firm.
- Do not open the body: ask the technical team.

05 — TROUBLESHOOTING

Symptom	Cause	Solution
Does not turn on at night	Battery disconnected.	Remove the head and reconnect the battery (step 5).
	Battery not charged from lack of sun.	Let it charge in full sun during the day.
	Switched off with the remote.	Turn it on with ON.
Turns off before dawn	Low charge from shade, dust or cloudy days.	Clean the panel and remove shade.
Does not respond to the remote	Out of range or batteries flat.	Aim at the emitter from 0.5–1 m or replace the batteries.

JUNGO LIGHTING

Questions about installation?

Our technical team is here to help. **hello@jungo.lighting** · **jungo.lighting**
Spec sheet and IES files at **jungo.lighting/en/solar-sidewalk**

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