

SOLAR LIGHTING · OUTDOOR · WET LOCATIONS

# Solar V4.

## SLS4 Series · 30 to 100 W

WET LOCATION RATED

IP65

Fully autonomous solar luminaire for streets, parking lots, roadways and perimeters with no access to the electrical grid. 18 V monocrystalline panel, LiFePO4 battery and Type II polycarbonate optics, rated IP65 + IK08.

Mounts on a 2.36 in (60 mm) or 2.99 in (76 mm) pole with no wiring. Select the operating mode (L, T, M or U) with the included remote and let the integrated PIR sensor preserve the battery.

**200 lm/W**
luminous efficacy across the series

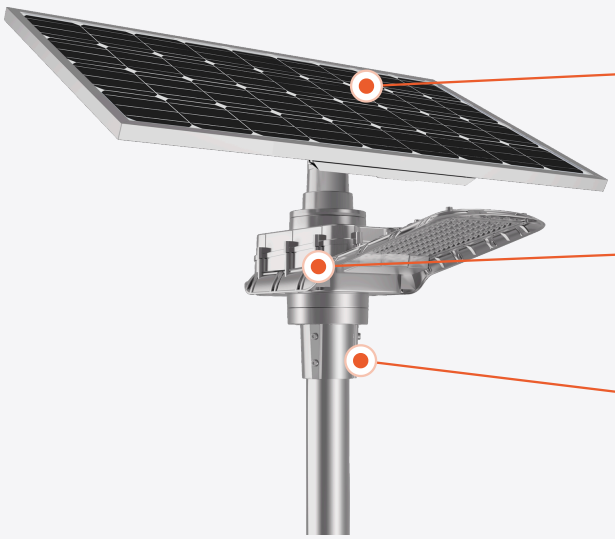
**20,000 lm**
maximum flux (100 W)

**5–7 days**
of autonomy on LiFePO4 battery

**0 kWh**
grid electricity consumption

# Autonomous, sealed and wire-free.

Solar panel, battery and light in a single luminaire that mounts on a pole and runs on its own, every night and through rainy days.



**01 18 V monocrystalline panel**
19–22 % efficiency; tilts and rotates by hand.

**02 Battery and LED body**
Houses the LiFePO4 battery, controller and Type II optics.

**03 Pole sleeve**
Secures with 6 + 6 screws to Ø2.36 in (60 mm) or 2.99 in (76 mm) poles.




## Built for the outdoors

Withstands rain, dust and impact, and operates from −4 to 140 °F (−20 to 60 °C).



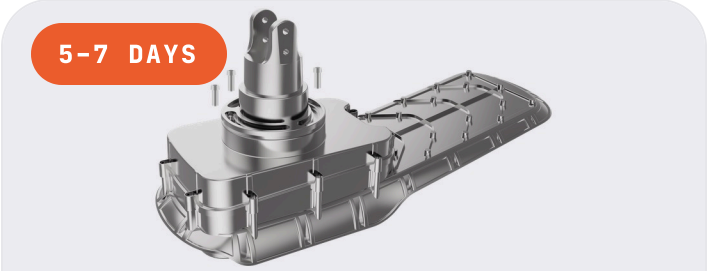

## Up to 20,000 lumens

Six wattages from 30 to 100 W with polycarbonate optics and a Type II distribution for streets and roadways.




## Monocrystalline solar power

Monocrystalline silicon at 19 to 22 % efficiency. Tilt it to your latitude and face it south, free of shade.




## 192 to 640 Wh LiFePO4 battery

5 to 7 rainy days of autonomy on a full charge, with LED indicators for charging, battery and load.

02 — CONFIGURATION

# 6 wattages and 4 operating modes.

Choose the wattage when ordering; the mode is changed in the field with the remote. Fixed 6000 K CCT.

## 30–50 W

60-80 W PANEL · Ø2.36 IN

| | |
|---|---|
| 30 W | 6,000 lm |
| 40 W | 8,000 lm |
| 50 W | 10,000 lm |

MAX. FLUX **10,000 lm**

## 60–100 W

100-150 W PANEL · Ø2.99 IN

| | |
|---|---|
| 60 W | 12,000 lm |
| 80 W | 16,000 lm |
| 100 W | 20,000 lm |

MAX. FLUX **20,000 lm**

## Energy

LIFEPO4 3.2 V

| | |
|---|---|
| Battery | 192–640 Wh |
| Autonomy | 5–7 rainy days |
| Spacing | 66–131 ft |

SUGGESTED HEIGHT **16–33 ft**

### SELECTABLE OPERATING MODE

One night, the mode each zone needs.

| L | T | M | U |
|---|---|---|---|
| **Mode L** All night | **Mode T** 8 h stepped | **Mode M** 6 h stepped | **Mode U** High output |

03 — APPLICATIONS

# Off the grid, in any zone.





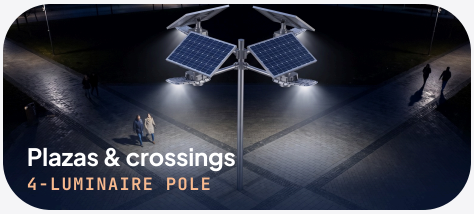











### MOUNTING



**On pole**
(1 luminaire · primary)



**4-head pole**
(secondary)

### CONTROL SYSTEM



**Remote control**
(L · T · M · U)



**PIR sensor**
(integrated)



**Auto on/off**
(dusk · dawn)

### INCLUDED FROM FACTORY



**Remote control**
(L · T · M · U)



**Solar panel**
(18 V)



**Battery body**
(LiFePO4)

# Solar V4.

Autonomous solar luminaire · SLS4 Series · 30 to 100 W · IP65 + IK08




## GENERAL INFORMATION

| | | | |
|---|---|---|---|
| Power | 30–100 W | Rating | IP65 + IK08 · wet location |
| Efficacy | 200 lm/W | Temperature | −4 to 140 °F |
| CCT | 6000 K (fixed) | Solar panel | Monocrystalline · 18 V |
| CRI | Ra ≥ 70 | Cell efficiency | 19–22 % |
| Light distribution | Type II | Battery | LiFePO4 3.2 V |
| Optics | Polycarbonate | Autonomy | 5–7 rainy days |
| Lumen maint. | 100,000 h | Pole | Ø2.36 · 2.99 in |
| Sensor | Integrated PIR | Pole spacing | 66–131 ft |

## TECHNICAL SPECIFICATIONS

| MODEL | LUMINOUS FLUX | LIFEPO4 BATTERY | SOLAR PANEL | POLE | SUGGESTED HEIGHT |
|---|---|---|---|---|---|
| SLS4-30W | 6,000 lm | 192 Wh | 60 W | Ø2.36 in | 16.4 ft |
| SLS4-40W | 8,000 lm | 256 Wh | 80 W | Ø2.36 in | 19.7 ft |
| SLS4-50W | 10,000 lm | 320 Wh | 80 W | Ø2.36 in | 23.0 ft |
| SLS4-60W | 12,000 lm | 384 Wh | 100 W | Ø2.99 in | 26.2 ft |
| SLS4-80W | 16,000 lm | 512 Wh | 120 W | Ø2.99 in | 29.5 ft |
| SLS4-100W | 20,000 lm | 640 Wh | 150 W | Ø2.99 in | 32.8 ft |

## DIMENSIONS







| SOLAR PANEL | L | W |
|---|---|---|
| 80 W | 26.22 in · 666 mm | 20.08 in · 510 mm |
| 100 · 120 W | 39.37 in · 1,000 mm | 26.22 in · 666 mm |
| 150 W | 51.97 in · 1,320 mm | 26.22 in · 666 mm |

## ORDERING GUIDE

| 1 · SERIES | 2 · MODEL | LUMINOUS FLUX |
|---|---|---|
| SLS4 | 30W · 40W · 50W | 6,000 · 8,000 · 10,000 lm |
| | 60W · 80W · 100W | 12,000 · 16,000 · 20,000 lm |

**EXAMPLE CODE** SLS4 (SERIES) – 100W (MODEL)

Solar V4 at 100 W with 20,000 lm, a 150 W panel and a 640 Wh battery. The operating mode is selected with the remote control.

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5 YEAR WARRANTY

10 YEAR WARRANTY EXTENDED

Jungo Lighting® is a trademark of Jungo Industries, S.A.P.I. de C.V. · Flux at 200 lm/W · Dimensions are indicative · Specifications subject to change.