

SPSOL 300



Smart Solar Directional Signage

SPSOL 300

Intelligent Solar Illuminated Direction Sign

SPSOL300 is an independent architectural LED Direction signalization solution which is used in various applications such as parks, pathways, bike lanes, remote areas, golf course, leisure parks, beach resorts, marinas, residential areas, and landscape signage projects. Based on the ecological principle, it only lights up when someone is present. In standby, the sign post will light up at a lower preset intensity. An optional integrated system detects passers-by and switches on the signal on a full light level. It can also be integrated.

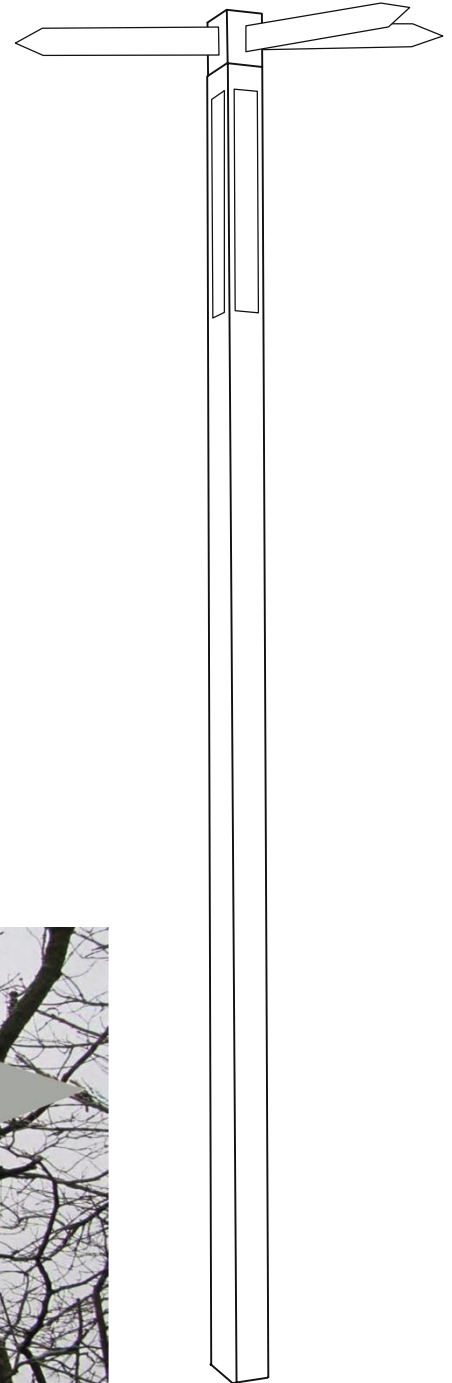
The architectural European patented design in combination with a robust high LED lighting output in a high grade construction, makes it the ideal choice for all your self-contained signage projects.

A unique built-in software and wireless radio system makes the SPSOL300 suitable in bird/bat wildlife sensitive areas, because there is only light by human presence and activity. (lumen on demand.)

SPSOL 300 works completely without wiring, getting its power from the sun, using a special energy storage system. This requires no replacement of batteries for several years, depending on the type of batteries used.

Energy harvesting and usage is organized by a unique built-in self-decisive software algorithm. Cloudy days or shaded areas, the Smart energy saving LED Lighting SPSOL300 always provides perfect visual signage conditions.

Smart LED signalization



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Technical Specifications

LED & Optics

LED : 3 x 3 LED Standard Neutral white 4500 kelvin
Life span: 50.000 Hours
Optics choice: LED Color Blue
LED Color Green
LED Color Red

Solar module

- Polycarbonate protected PV panels
- 3 x 5.4 Watt (tot. +/- 16 Watt)
- Hi class mono cells
- integrated in mechanical construction
- Anti-theft
- Vandal proof

Smart Psoc Control

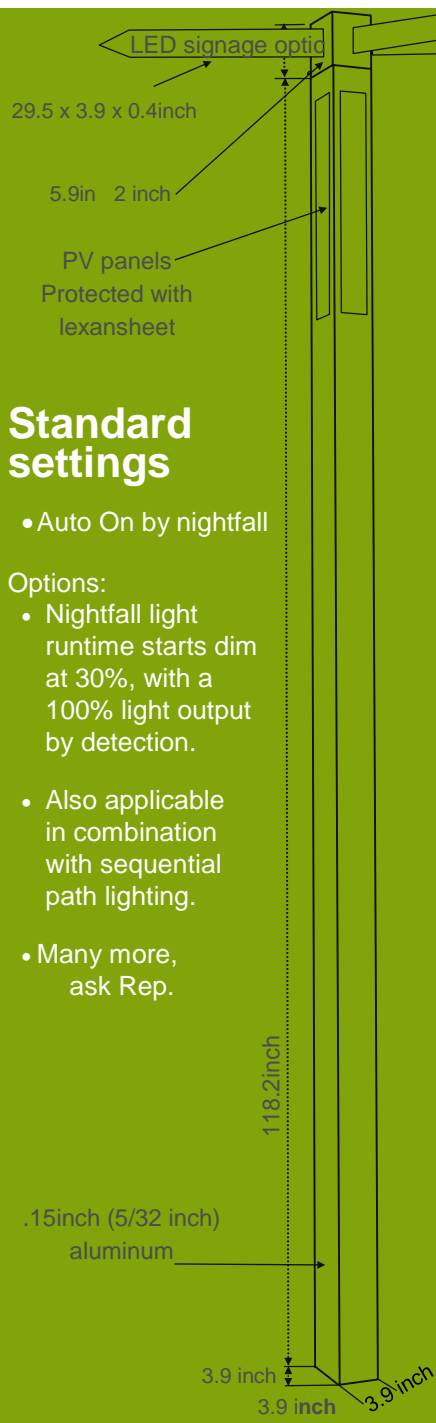
- Built-in smart MPPT charger
- Led driver
- Optional presence detector 13 feet –120°
- Zigbee radio controlled
- Eyes curve light management
- Energy harvesting management
- Light output management

Battery (included)

- Lifepo 4 2000 cycles Temperature – (-4 +149F°)
- **Or optional:**
- Eco battery 1.000.000 cycles- (-40 +149F°)

Mechanical construction

- Anodized aluminum 25u satin gray
- Anti-theft stainless security screws
- Mounting bracket included
- Ral powder colors possible on request
- Eco design



Standard settings

- Auto On by nightfall

Options:

- Nightfall light runtime starts dim at 30%, with a 100% light output by detection.
- Also applicable in combination with sequential path lighting.
- Many more, ask Rep.

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