SOLCASE 130

Solar Lighting On Demand **Solcase 130**

Smart Solar LED showcases

SOL130 Is an independent architectural LED showcase solution which is used in various aplications as information point in railways, citi infopoint, parks, musea, universities, pathways, remote areas, golf course, leisure parks, beach resorts, marina's, residential areas. Based on the ecological principle: it only lights-up when someone is present. In stand by, the showcase is off, or will light up at a lower preset intensity. An optional integrated system detects passers-by and switches on the showcase at full light level.

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

A unique built-in software and wireless radio system makes the Solcase130 suitable in bird - bat wildlife sensitive areas. Because there is only light by human presence and activity. (lumen on demand.) Solcase130 works completely without wiring and gets its power from the sun, using a special energy storage system, which requires no replacement of batteries for several years, depending on the type of batteries used. Energy harvesting and usage is organised by a unique built-in self-decisive software algorithm. Cloudy days or shaded areas, the Smart energy saving LED Lighting Solcase130 always provides perfect visual schowcase—timetable conditions.

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Nozonsolar keeps the right to change the specifications without notice

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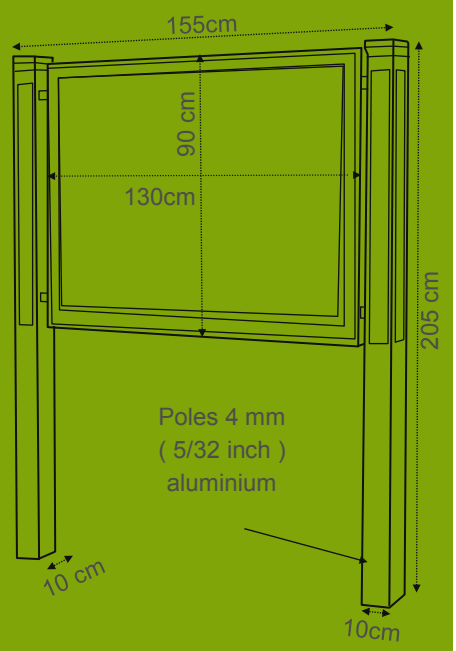

Standard settings

Auto On by nightfall

Options:

Nightfall light runtime starts with dim at 30% , with a 100% light output by detection.

Also applicable in combination with sequential path lighting.

Many more, ask Rep.

Technical Specifications

LED & Optics

LED : Rebel 3 x 3 Watt.(9Watt) Max. 130 lm/W Neutral white 4500 kelvin
Life span: 50.000 Hours
Optics: side emitting

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 - defaults to 3 Watt (9W max.)
- Presence detector 4 meters –120°
- Zigbee radio controlled
- Eyes curve light management
- Energy harvesting management
- Light output management

Battery

- Lifepo4 2000 cycles temperature - 20 + 65°C (-4 +149F°)
  Good for +/- 3000 passages

Or optional:

- Eco battery 1.000.000 cycles temperature - 40 +65°C (-40 +149F°)
  Good for +/- 1500 passages

Mechanical construction

- Anodized aluminium 25u satin gray
- Anti theft stainless security screws
- Stainless steel PV & Battery holder
- Mounting bracked included
- Ral powder colors possible on request
- Eco design

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