

DIRSOL 300

Smart Solar Directional Signage

Dirsol 300

Intelligente Solar LED signage

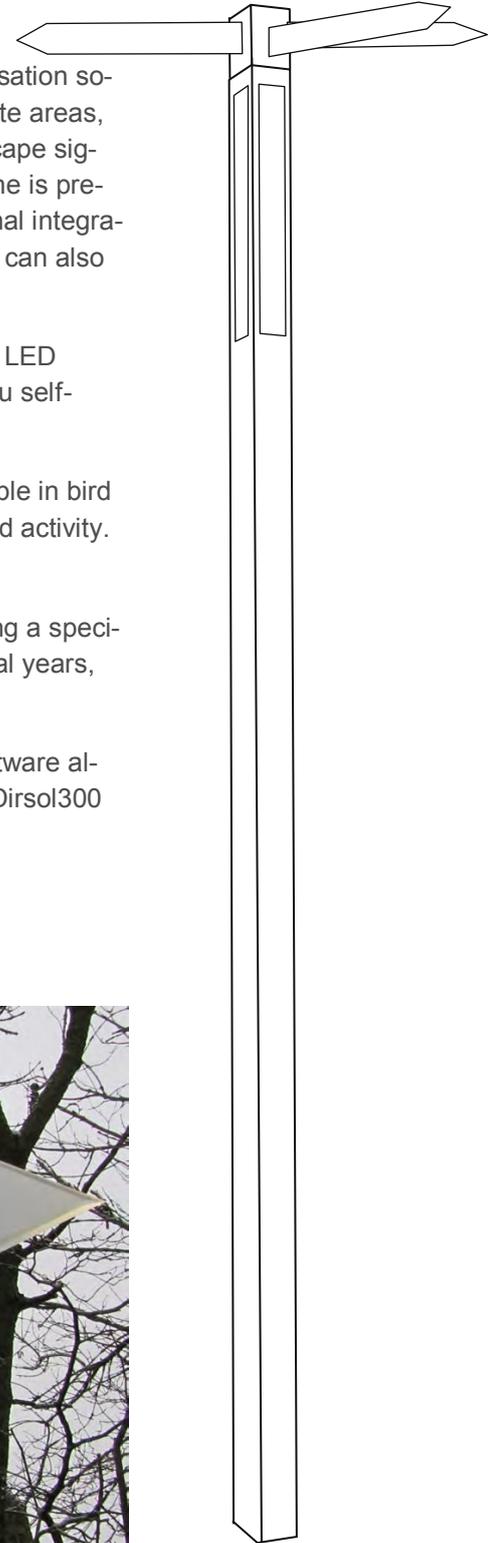
DIRSOL300 DIRSOL300 Is an independent architectural LED Direction signalisation solution which is used in various applications as parks, pathways, bike lanes, remote areas, golf course, leisure parks, beach resorts, marina's, residential areas and landscape signage projects. Based on the ecological principle: it only lights-up when someone is present. In stand by, 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 your ideal choice for all you self-contained signage projects.

A unique built-in software and wireless radio system makes the Dirsol300 suitable in bird - bat wildlife sensitive areas. Because there is only light by human presence and activity. (lumen on demand.)

Dirsol300 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 Dirsol300 always provides perfect visual signage conditions.



Smart LED signalisation



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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

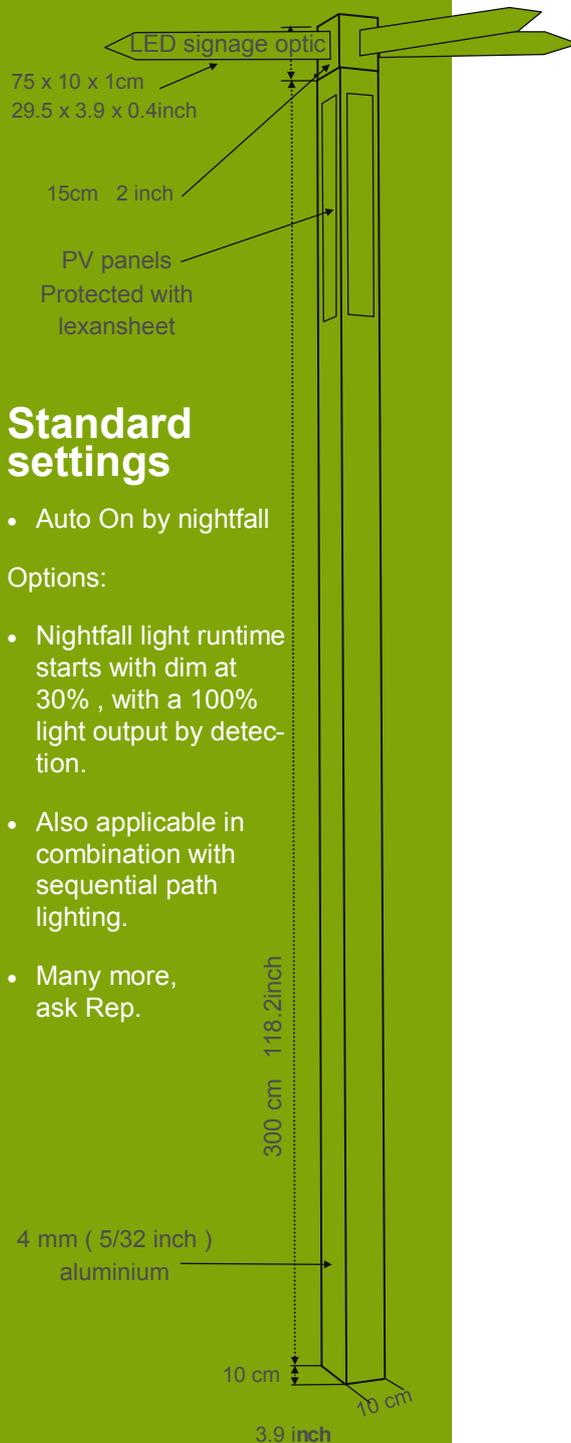
- Built-in smart MPPT charger
- Led driver
- Optional presence detector 4 meters –120°
- Zigbee radio controlled
- Eyes curve light management
- Energy harvesting management
- Light output management

Battery

- Lifepo 4 2000 cycles temperature - 20 + 65°C (-4 +149F°)
Or optional:
- Eco battery 1.000.000 cycles temperature - 40 +65°C (-40 +149F°)

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



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.

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