

# DIRSOL 300

**Smart Solar Directional Signage**

**Dirsol 300**

## Intelligente Solar LED signage

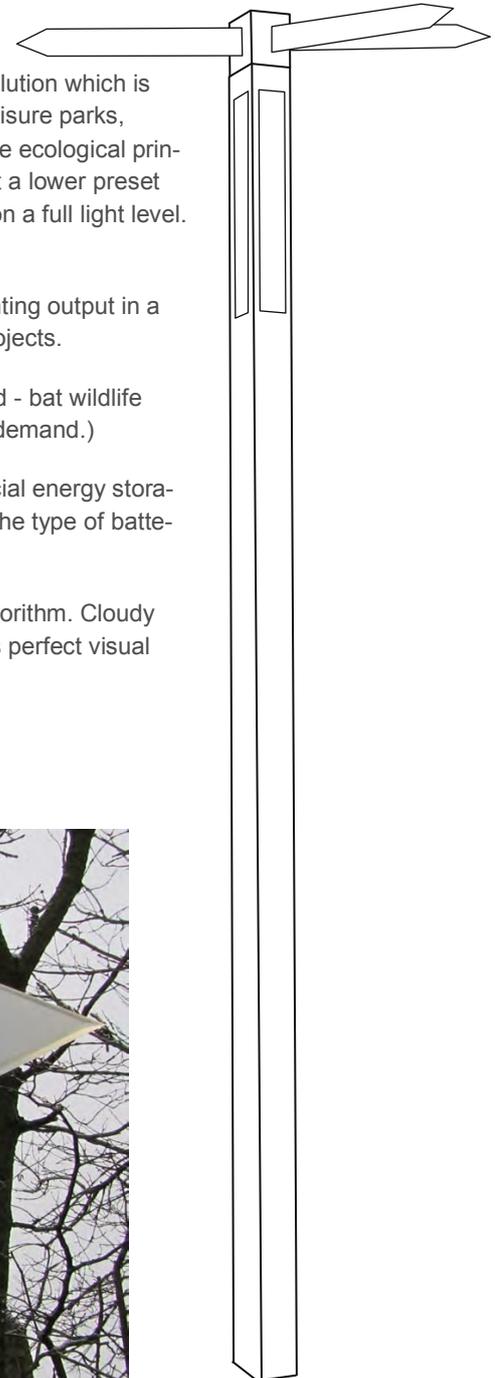
DIRSOL300 DIRSOL300 Is an independent architectural LED Direction signalisation solution which is used in various applications as parks, pathways, bike lanes, remote areas, golf course, leisure parks, beach resorts, marina's, residential areas and landscape signage projects. Based on the ecological principle: 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



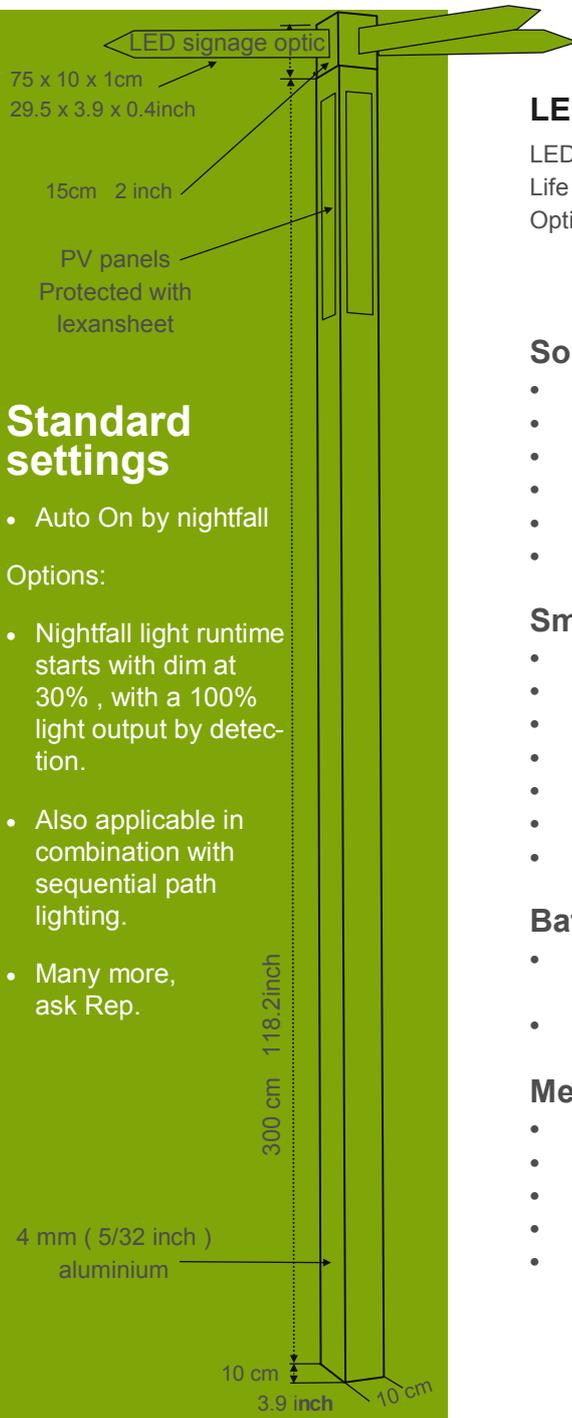
Nozon Solar  
Grote Heirweg 69  
8791 Beveren Leie

[WWW.NOZONSOLAR.COM](http://WWW.NOZONSOLAR.COM)  
[info@nozonsolar.com](mailto:info@nozonsolar.com)  
Belgium - Europe

# DIRSOL 300

## Smart Solar Directional Signage

## DIRSOL 300



### 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 : 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
- Mounting bracked included
- Ral powder colors possible on request
- Eco design