

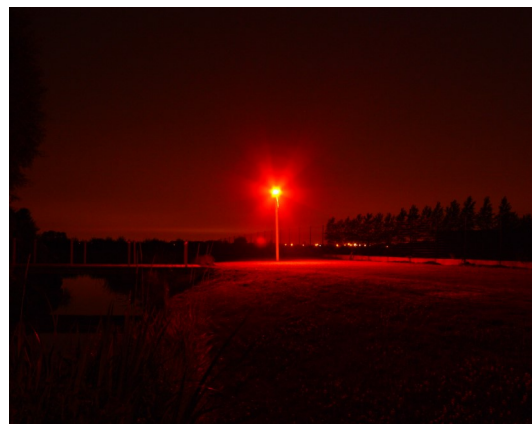
# BSOLORA

## Smart Sequential Solar lighting on demand

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### Product Description:

Because NOZON Solar takes efficient use of the newest technologies, it's possible for the first time to bring a SSL Green Light application to the market, based on solar power and the most recent Power LED Conductor. This new LED technology guarantees a life expectancy up to 50.000 hours (+/-25 years/8h a day) and are already able to generate a light capacity more than 130 Lumen/Watt, depending on the color used. The Lora Solar, brought to you by NOZON, fits perfectly in the economic and ecologic Kyoto agreement. The NOZON Lora Solar can easily be used as well in northern and southern area's. The built-in controller, controls the complete system and automatically adapts to the programmed parameters, according to the geographic and meteorological situation. An optional patent pending intelligent Sequential controller, with built in two way radio, can detect the moving object and let switch on a number of SSL before and behind the detected person (object) So, the person will be always in a cluster of lights moving in the detection of the traveling person (object)



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## Smart "Sequential" Solar LED lighting on demand

### Characteristics and possibilities:

LED	12 x 1-2-3 Watt 120 Lm/watt (Luxeon 5400 kelvin )
Microprocessor	Auto day/night, Automatic Charging control Battery to low, Battery full, Battery overload
Power management	Software configurable in 8 blocks/times. Less consumption at certain configured times. On/Off Completely configurable blocks, times, days, nights, etc. Nightfall. Detection software programmed + season follow up. Lights switched on when night falls for X time or till sun raised. Daylight Detection software programmed + season follow up. Lights switched on X time before the sun rising. Functions: Flash, Wave, Strobe, Mix, Fix Season automatic tracking winter/Summer time
Solar panel	50 Watt standard model Solar cell type Mono Crystalline cell
Batteries to add	Lifepo4 45 Ah—3000 charge cycles 80%
PV Panel till angle	3 positions
Pole Height	3,75 meter standard Pole Materials anodized aluminum
Foot base	steel 11 x 11 x 100 x 0.5 cm (in-ground build in 50 cm)
Operating temp.	-30 tot +65°C
Weight	approx. 45 Kgr.
Waranty	2 years
Options:	Light color according to specs. RGB Color Change, PIR Infra red detector, switch on the light for a period of time. Cluster Sequential lighting controller. Switched ON some light before and behind the detected person (object). So the Lights are switched on in the direction of the traveling person (object). Local Radio modem 2.4Ghz zigbee spread spectrum for cluster lighting control, GPRS for remote control operations.

