

SPLORA

Smart Sequential Solar lighting on demand

SPLORA

Product Description:

SolarPath USA uses efficient and the newest technologies. Thanks to this new technology, it is 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 is already able to generate a light capacity of more than 130 Lumen/Watt, depending on the color used. The Lora Solar, brought to you by SolarPath, fits perfectly in the economic and ecologic Kyoto agreement. The SolarPath SP Lora can easily be used in northern and southern areas. 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 a built-in two way radio, can detect the moving object. The controller switches on a number of SSL in front of and behind the detected person (object) The person will always be in a cluster of lights moving with the traveling person (object).

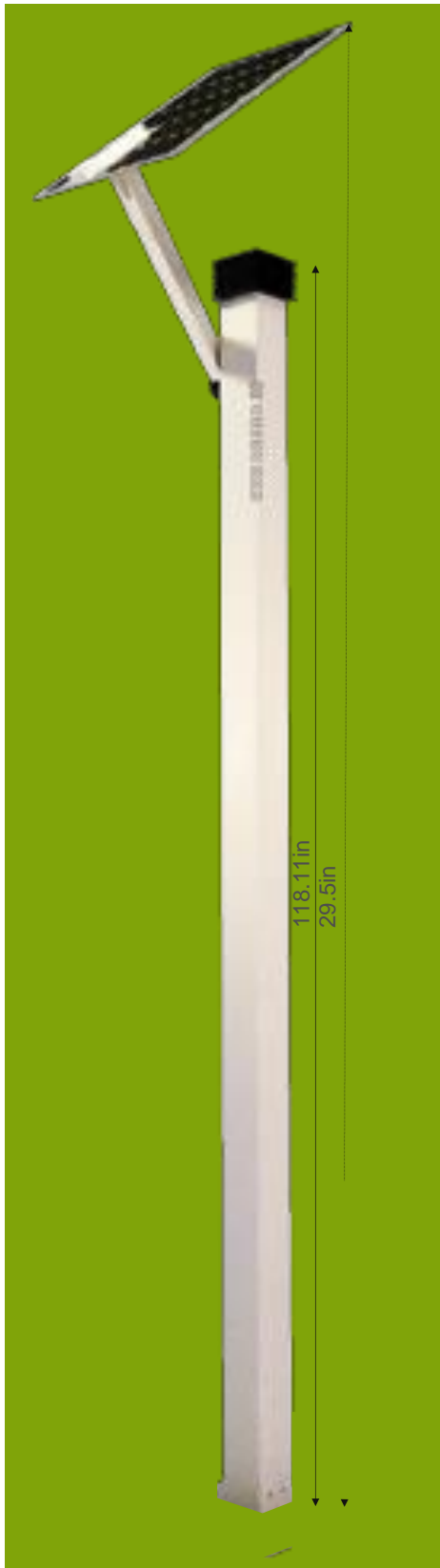


Solar Path USA
123 Town Square PL. #333
Jersey City, NJ 073010 USA

www.solarpathusa.com

SPLORA

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 Lifepo4 60 Ah—3000 charge cycles 80%

PV Panel tilt angle 3 positions

Pole Height 12.3FT standard pole Materials anodized aluminum Foot base steel 4.33 x 4.33 x 39.3 x 0.1 in (in-ground build in 19.6 in)

Operating temp. -22°F tot +149°F

Weight approx. 45 Kgr.

Warranty 2 years

Options: Light color according to specs. RGB Color Change, PIR Infrared 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.

