



## Pathfinder SB09 - Solar Powered LED Bollard

With a unique and innovative design, the Pathfinder SB09 Solar LED Bollard directs all light downwards, ensuring no upward light output, ideal for areas where zero light pollution is required.

A motion-sensing LED solar-powered bollard with battery power; the Pathfinder SB09 has been designed for outdoor use where no electrical power is available or where energy saving is demanded. Made from aluminium and producing 2,000 lumens, the Pathfinder SB09 has a 160 sensing angle and offers an 8m diameter of light, which can be emitted from both sides or just one side of the bollard.

Surface mount kit provided for easy installation. Fit base to ground using bracket and two spikes, then slide bollard onto the base and secure using Allen screws provided.

### Features

- Double-glazed mono crystalline solar silicon PV panel
- Super bright light panel, 2000LM, 4000K
- Each side has 10 watt of LED light, producing 1000lm per side
- IK8 impact proof
- Two working modes for different applications
- Different working modes can be selected individually on each side
- Easy to install
- IP65 waterproof
- Optical Lens to optimise light efficiency, this not only makes the light much brighter, but also anti-glare
- High performance LiFePO4 battery 26650/6000mA/6.4V
- Easy to replace battery
- New design of PIR sensor with wide detection angle (160) and detective area of 10 meters

# Pathfinder - Solar Powered LED Bollard

## Working Modes

Press the button **once**, to enter **Sensor Mode**.

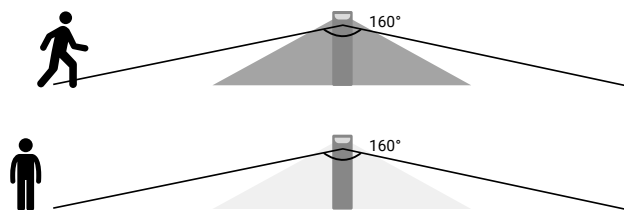
Press the button **twice**, to enter **Constant Lighting Mode**.

Press the button **3 times**, to turn **off**.

*Please Note: There's one button on each side of the lamp, please press the button to select the working mode for **each side individually**. The lamp can charge in **any** mode.*

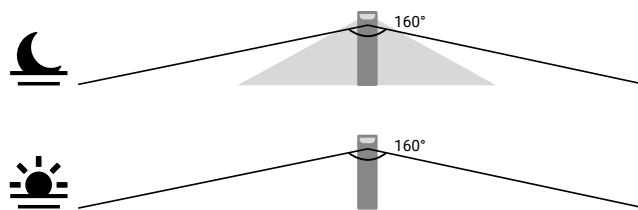
### Sensor Mode

Automatically turns on to full brightness (2000lm) when motion is detected in the range  $\leq 8$ mtrs and then turns to weak brightness (300lm) in 20 seconds of no motion.



### Constant Lighting Mode

Automatically turns on at dusk and keeps 50% brightness (1000lm) till it's dawn or powers off.



Specification	Pathfinder SB09 LED Bollard - PF/SB09/4K/GB
Power	20W
Solar Panel	Mono-crystalline silicone (11Wp+9Wp)
Charging Time	8Hrs to fully charged
LED Type	SMD3030*40PCS
Surface Color	Grey/ Black
IP Class	IP65
Housing Material	Aluminum ADC12
Overall Dimension	800*220*90mm
Lumen	2000LM
LiFePO4 Battery	26650/6000mA/6.4V
Working Time	Sensor Mode: 4 nights+ / Constant Light Mode: 2 nights+
PIR Sensor Range	Detection angle: 160 / Detection area: 10Mtrs
Beam angle	120
Working Temp	-20 C- 60 C
Warranty	5 year warranty (3 years for battery)