

# Off Grid LED Solar Post Top User Manual



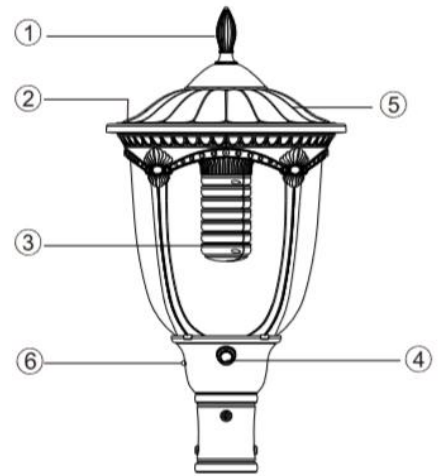
20W / 2000 LM

**RemPhos** by **Light Efficient Design**  
lighting on target

FOR LIGHT EFFICIENT DESIGN PRODUCT INFO CALL Light Efficient Design • 188 S. Northwest Highway • Cary, IL 60013 • 847.380.3540 • led-llc.com  
FOR REMPHOS PRODUCT INFO CALL RemPhos by Light Efficient Design • 30 Log Bridge Road, Building 200 • Middleton, MA 01949 • 877.997.3674 • remphos.com

Created: 4/16/2019

Product Model	RP-SPT-20W-40K-SF-G1
Power/ Lumen	20W / 2000 LM
Dimension	16.38 in * 32.68 in
LEDS	80pcs LEDs
Li-Ion Battery	88.8WH, 14.8V
Solar Panel	12.5W Polycrystalline
Working Mode	Selectable Mode 1 and Mode 2
Detection Angle/ Area	24ft
Material	Aluminum Alloy + Polycarbonate
Charge Time	Around 8-10 hours of sunlight
Beam Angle	360°
IP Degree	IP65
Recommended Install Height	8-12 ft
Mounting Pole Dimensions	MIN 3 in MAX 3.5 in
Warranty	3 YEARS
Packing	QTY/CTN: 1pc
Battery Charing Temp	Charging Temperature 32°F ~ 149°F Discharging Temperature -4°F ~ 149°F
Fixture Operating Temp	-4°F ~ 149°F



1. Decoration Piece
2. Solar Panel
3. Lamp
4. PIR Sensor
5. Solar Panel Lens Cover
6. Switch

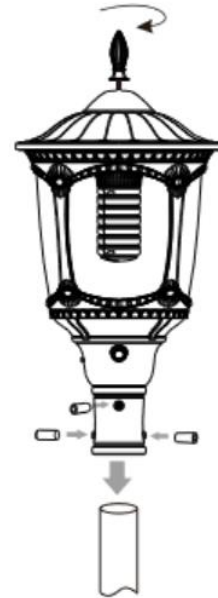
#### Special Note:

1. Do not install the lamp where no sunlight is available otherwise the lamp will have a hard time absorbing light. Do not install the lamp under a shadow or between two buildings.
2. Do not use the lamp in an environment with a temperature above 149 F° or below -4 F°, otherwise it will cause rapid attenuation of the battery and affect the batteries longevity or even damage.
3. Choose the operating mode based on your local sunshine and lighting needs.
4. In order to ensure that the lamp works in an ideal state over time, clean the solar panel lens every few months to clear dust and debris.

#### Warning:

1. No one should attempt to disassemble the light.
2. It is strictly prohibited to disassemble the battery for personal use.
3. If the lamp doesn't receive any charge for 3-5 days, the battery may be low or out of power, make sure that it receives enough sun during the day and that there isn't anything blocking the sun's rays going to the panel.

#### How to Install the Solar Post Top



Easy to install, just use the supplied screws to fix the light to the pole.

The fixture will fit poles between 3 in – 3.5 inches

# Instructions

Turn on the lamp: Press the button down for 3 seconds to switch on/off.

Press the button quickly to choose the lighting Mode 1 & 2. Red Indicator for Mode 1 & Green Indicator for Mode 2.



The Red Light Indicates that the lamp is running on Mode 1: 5 hours at 35% (700LM) brightness followed by 7 hours at 10% (200LM) brightness until dawn. (During the entire night the lamp will turn up to 100% (2000 LM) for 30 seconds when motion is sensed).

The Green Light Indicates that the lamp is running on Mode 2: 5 hours at 30% brightness followed by 5 hours at 10% brightness and then 2 hours at 20% brightness until dawn (During the entire night the lamp will turn up to 100% (2000 LM) for 30 seconds when people are present).

## How the Light Operates

### Example of Modes 1 & 2



Phase 1: The light will be off during daytime charging.

Mode 1 & 2: Phase 4: At anytime during the night, if people come near the lamp, it will turn up to 2000LM (100%) for 30 seconds delay

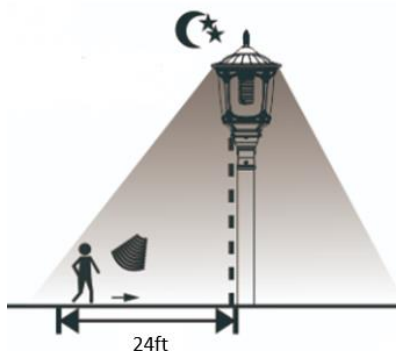


Mode 1: Phase 2: The light will auto turn on to 700LM (35%) for the first 5 hours at night.

Mode 2: Phase 2: The light will auto turn on to 600LM (30%) for the first 5 hours at night.



Mode 1: Phase 3: After 5 hours of bright light, the lamp will then turn down to 200LM (10%) until dawn.



Mode 2: Phase 3: After 5 hours of bright light, the lamp will then turn down to 200LM (10%) for another 5 hours and then 2 hours at 400LM (20%) brightness until dawn for better early morning ambient light

