



by Signify

Solar Solution

BPP750

Off-Grid Luminaire

IMPORTANT: FOR YOUR PROTECTION, YOU MUST CAREFULLY READ ALL WARNINGS AND INSTRUCTIONS IN THEIR ENTIRETY PRIOR TO INSTALLATION, OPERATION, SERVICE OR MAINTENANCE. FAILURE TO DO SO CAN RESULT IN DEATH, PERSONAL INJURY AND PROPERTY DAMAGE. If you do not understand these warnings and instructions, or if additional information is desired, please contact Signify TSC@signify.com phone 1-833-744-6439.



- Installation, service and maintenance of luminaires must be performed by a qualified professional and in accordance with all federal, state and local laws, regulations and electrical codes. This professional should be familiar with the construction and operation of this product and any hazards involved. If not qualified, do not attempt installation, service or maintenance.
- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts, abrasions and other hazards, please read all warnings and instructions included with the luminaire, on the luminaire's packaging and affixed to the luminaire itself.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaire's construction and operation and any hazards involved.



WARNING

RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY

- Disconnect or turn off power before attempting any installation, service or maintenance.
- Verify that supply voltage is correct by referencing the luminaire label information.
- Make all electrical and ground connections in accordance with the National Electrical Code (NEC) and any other applicable laws, regulations or codes.
- All wiring connections should be capped with UL-approved wire connectors.



WARNING

RISK OF FIRE OR PERSONAL INJURY

- Keep combustible materials away from LED/lamp & lens
- Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.



WARNING

RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.



WARNING

RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY

- Allow Led/lamp & lens to cool before handling.
- Do not touch enclosure or light source
- Do not exceed maximum wattage marked on luminaire label.
- Follow all manufacturer's warnings, recommendations, instructions and restrictions for driver type, burning position, mounting locations and replacement.



CAUTION

RISK OF PRODUCT DAMAGE

- Never connect luminaires and/or components under load with supply voltage turned on.
- Do not mount or support these luminaires in a manner that can cut the outer jacket or damage wire insulation.
- Do not restrict fixture ventilation. Allow for some volume of airspace around luminaire. Avoid covering luminaire with insulation, foam or other material that will prevent convection or conduction cooling.
- Do not exceed luminaire maximum ambient temperature.
- Do not modify the luminaire.
- Only use luminaire in its intended application and location.
- Led products are polarity sensitive. Ensure proper polarity before installation.
- Electrostatic Discharge (ESD) can damage LED. Personal grounding equipment must be worn during all installation and servicing of the luminaire.
- Do not touch individual electrical components as this can cause ESD, shorten LED life, or impact LED performance.
- Some components inside the luminaire may not be serviceable. In the unlikely event your luminaire may require service, stop using it immediately and contact Signify.
- Always read the luminaires complete installation instructions prior to installation for any additional luminaire specific warnings.
- In the case of HID or Fluorescent luminaires, regular re-lamping is required to keep luminaire operating within safe limits
- **Do not install damaged product.** Handling and installing damaged products can potentially increase the risks mentioned In case of damage and/or missing parts upon arrival of the luminaire.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation or maintenance.
- Please see luminaire specific Installation and Maintenance Instruction for additional warnings or any applicable FCC or regulatory statements. Failure to follow any of these Instructions could void luminaires warranties.

Luminaire Maintenance

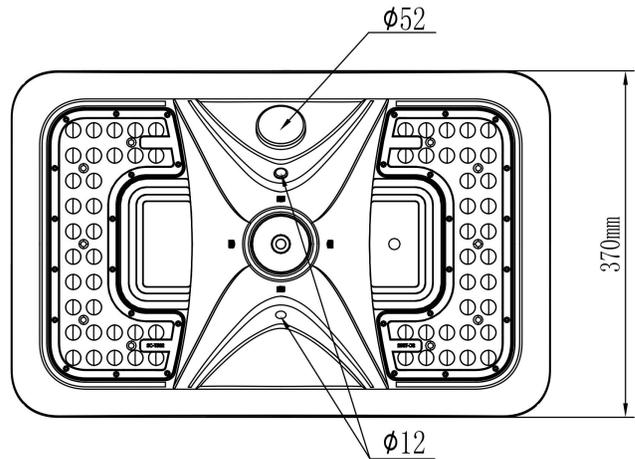
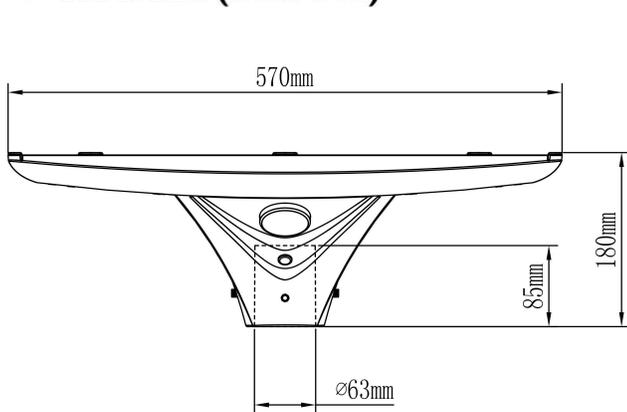
- Regular luminaire maintenance programs are recommended.
- It is recommended to clean the outside of the luminaire and the refractor/lens.
- Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user.
- If clean water is not sufficient for cleaning, use a neutral, synthetic, not-scratching and not-abrasive cleaning substance.
- Never use alkaline and/or acetous cleaning substances.
- Make sure that the cleaning substance is carefully removed by rinsing with lots of clean water.
- Signify recommends using a cleaning solution that has a PH between 5 and 8.
- Recycle: For information on how to recycle electronic products and components, please visit www.epa.gov.

Installation Instructions



Type Nubmer	Flux(lm)	CCT	Battery type	Battery parameter	Solar board type	PV power	Solar board voltage	Remote type	Remote distance	PSH (Any figure lesser than that is not recommended)	Charing Time (MPPT) (hrs)	Ambient Temperature	Product weight
BPP750 LED19 CW AIO solar post top	1900m	5700K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥1.5hrs	2.4	14°F -131°F	6.2kg
BPP750 LED37 CW AIO solar post top	3700m	5700K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥3hrs	4.8	14°F -131°F	6.9kg
BPP750 LED54 CW AIO solar post top	5500lm	5700K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥4hrs	7.2	14°F -131°F	7.5kg
BPP750 LED19 NW AIO solar post top	1900m	4000K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥1.5hrs	2.4	14°F -131°F	6.2kg
BPP750 LED37 NW AIO solar post top	3700m	4000K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥3hrs	4.8	14°F -131°F	6.9kg
BPP750 LED54 NW AIO solar post top	5500lm	4000K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥4hrs	7.2	14°F -131°F	7.5kg
BPP750 LED19 WW AIO solar post top	1805m	3000K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥1.5hrs	2.4	14°F -131°F	6.2kg
BPP750 LED37 WW AIO solar post top	3515m	3000K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥3hrs	4.8	14°F -131°F	6.9kg
BPP750 LED54 WW AIO solar post top	5415lm	3000K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	13-20ft	≥4hrs	7.2	14°F -131°F	7.5kg

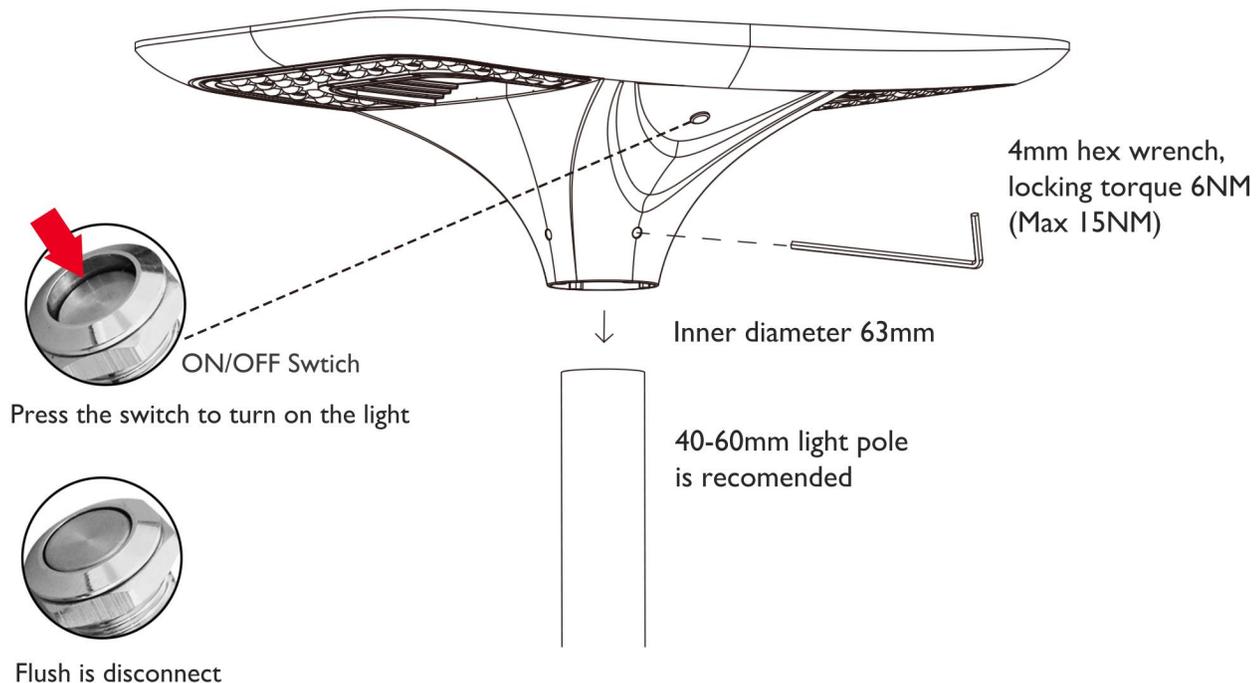
- Product Size (Unit: mm)



- Installation Tools Reference



- Installation Guide



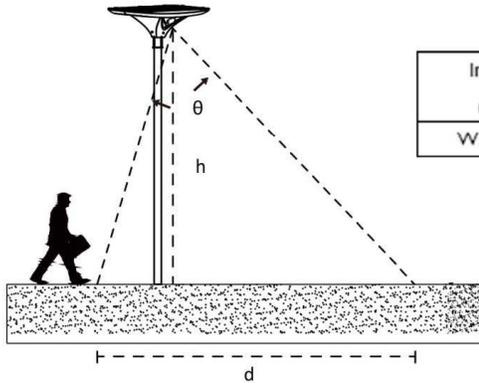
Please follow the steps below to ensure proper installation of the Luminaire:

1. Carefully open the package and check for any damage to the package or its accessories. Make sure that all the accessories are complete.
2. Turn on the switch to test the charge and discharge function.
3. Loosen the screw on the bracket, place the fixture on the light pole, and fix the screw with an inner hexagon wrench

*Note:

1. This product can be installed on poles with a diameter of 40-60mm and an installation depth of 85mm.
2. Please handle with care and, if needed, two people should cooperate when carrying or installing.
3. Please ensure that the solar panels are kept clean.

- Detection Distance



Inductive Type (alternative)	0-Angle (X-axis rotation: 360°)	h (Height of lamp rod)	d (Inductive width)
WB (Microwave)	65°	13-20ft	16-26ft

- Indicator Status

Indicator Light	State of Indicator Light	Description of Indicator Light	State of Remote Controller System
Red	Normally on	Normal system	Idle/discharge
	Slow flash	Charging	Charge
	Fast flash	System failure	Short circuit/open circuit/over-discharge/PV over-temperature/BV over-temperature/EBMS/over-temperature

***Note:**

1. The sensing distance mentioned above is based on the installation height of 6m and is opposite to the sensor. The adult pedestrian speed is about 0.5-1m/s, and the vehicle speed is about 3-5km/h;
2. The sensing distance may vary based on the sizes and speeds of people or objects. Faster speed results in a shorter sensing distance.
3. The sensor is optimally designed for detecting movement of people or objects. Therefore, under some specific circumstances, minor actions may not trigger the sensor detection.

- Operating Mode

Steps	With Motion Dim	Without Motion Dim	Duration
T1	100%	30%	2 hrs
T2	70%	10%	3 hrs
T3	40%	10%	7 hrs

Working mode shall be subject to specific order requirements.