



Genlight-12v-120LED-V1 OPERATION INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS BEFORE OPERATING YOUR SOLAR LIGHT. SAVE THIS MANUAL FOR FUTURE REFERENCE.

1. PARTS CONTAINED

Please verify you have all of the following:

- 1) Light fixture 1pcs
- 2) Solar Panel 1pcs
- 3) Screw and drywall anchor 1sets
- 4) Operation Instructions 1pcs



2. INSTALLATION

This Solar light must be installed in a sunny location

where it can receive maximum sunlight at daytime. Any cover, shade, or shadowing will affect the solar panel's ability to absorb sunlight which will decrease the operational hours for the light.

The selected location should not be near a night-time light source such as a porch light, street light, etc., as these lights might prevent the solar flood light from automatically turning on.

a. Mount the light fixture in your desired location using provided U-shaped metal bracket with holes on it and screws and anchors. This Bracket can be used as a stand and put directly on the ground or bolted through the holes to your house or post. Adjust tilt and carefully tighten bolts where the fixture meets the bracket. Take special care not to damage the wires connecting light head and battery box.

Turn power switch to the **ON** position the light will operate automatically.

b. Find suitable area to place solar panel in full sunlight without shadows crossing the panel within the wire length from the panel to the fixture. Panel can be fixed using provided pair of bracket and screws. This panel's aluminum frame is drillable to allow you to customize your own mounting. It is recommended to place the panel at a suitable angle towards the south for maximum exposure. Note: Be sure to not drill through the glass that recedes into the framing of the panel.

c. Plug in the white male adapter piece on the wire from the panel to the corresponding female adapter located beside the switch on the fixture. The connector is water-proof.

d. Press the metal button to turn the light ON to charge for at least 8 hrs in full sun exposure (NOTE: it can be charged if the switch is in the ON or OFF position).

e. After this the light will automatically turn on at dusk and turn off at dawn (light will only come on at night).

3. TROUBLESHOOTING INFORMATION



The performance of the Genlight-12v-120LED-V1 depends upon the amount of sunlight available during daylight hours. If your solar light cannot operate properly, you should go through the following troubleshooting steps.

1) If your light is dim

Battery is not fully charged or needs replacement.

- a. Make sure your solar panel is located in an area where it gets the maximum amount of full, direct sunlight every day.
- b. If the weather has been rainy or overcast during the day, the battery will not be charged for operation at night. This is normal. The solar light must have direct sunlight every day to fully charge the battery. If the solar light does not receive enough sunlight one day, it will recharge the next sunny day and resume normal operation.
- c. Check for obstructions to solar collector panel: over hanging branches, shade from bushes, trees, fences, buildings and the like. **Relocate the panel to a sunnier location.**
- d. Dirty solar panel: a dirty solar panel will not allow the battery to fully charge. This will shorten the life of the battery and cause the light to malfunction. **Clear regularly with a dampened cloth or paper towel. Don't use strong detergents or acid based cleaners. After correcting the problem, check the light operation immediately after dark or in a dark room. If the light will only operate for a short time, the battery needs recharging.**

2) If your light is out

- a. Check for an external light source: street light , porch light , flood light may be preventing light from automatically turning on at night.
- b. Rechargeable battery needs recharging.
- c. Old battery may wear out and not accept charge. Replace with new battery of same kind and size
- d. Do not press the switch frequently within 5 seconds to on and off.

4. BATTERY CHANGING

The Lithium battery included with this product is rechargeable. Like other rechargeable batteries, however, they will eventually need to be replaced. If the light should begin to illuminate dimly or for shorter durations of time, you should replace the rechargeable batteries in the following way.

- 1) Press button switch to turn the light OFF.
- 2) Use a screw driver to take out the screws that hold the back housing onto the light
- 3) Take off back housing gently and softly to avoid damaging the wires
- 4) Disconnect and remove the old battery. Attach the new battery as the old one was attached. Reseal the back housing, and turn the light ON.

5. MAINTENANCE

ALWAYS disconnect the solar panel from the unit when the unit is being stored or will not be in use for an extended period of time.

Turn light OFF when unit is not working.

Please disconnect water-proof connector when the unit is not being charged.

To prolong the battery life, the unit must be charged once or twice a month when the unit is not in daily use.