

Solar Pedestal LED Lamp with PIR

READ AND FOLLOW INSTRUCTIONS BEFORE OPERATING YOUR SOLAR LIGHT.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

DESCRIPTION

The solar lamp is designed as a stand-alone wall light which automatically illuminates at dusk. It is completely solar powered and must be installed in position where the solar panel will receive the maximum sun per day. It's energy-saving, auto switches on/off and has an appealing design. The unit has 10 super bright LEDs and a Li-ion rechargeable battery which is replaceable. The light can easily be installed and used in a broad range of applications such as gardens, walls, patios etc.



PARTS

PIR LED lamp (integrated solar panel)

Mounting Base (with washer)

MATERIALS	Die Cast Aluminium, Glass, ABS Battery Box	COLOUR	Black
SOLAR PANEL	High Efficiency mono-crystalline 4.5V 555mA	RECHARGEABLE BATTERY	2 x Li-ion 3.7V, 2000mAh
NUMBER OF LEDS	10 x SMD LEDs	LUMEN OUTPUT	70 lumens
COLOUR TEMPERATURE (KELVINS)	2800K – 3100K (Warm White)	LENS	Frosted
SENSOR	PIR MOTION SENSOR & LIGHT SENSOR	PIR RANGE	6m (approx.)
CONSTANT LIGHT OUTPUT	Low level light until PIR activated	PIR LIGHT OUTPUT	Full brightness
IP RATING	IP44	FEATURES	External ON/OFF Switch
DIMENSIONS	225mm x 259mm x 454mm	GUARANTEE	2 Years
WASTE DISPOSAL / RECYCLING Batteries: BPRN0843, Electrical: WEE/KC3440XY			

BEFORE INSTALLATION

- Choose a location where light is required at night **and** where the unit will receive plenty of sunlight during the day.
- Any cover or awning that shades the panel will affect the charging of the battery resulting in a shorter run time at night.
- The selected location should not be near a night-time lights source like a porch light or streetlight. If the solar panel detects light on during darkness, it will not allow the automatic day/night sensor to turn the light on as it should.
- The solar light needs at least 8 hours sun light charge before the first use.

INSTALLATION – PEDESTAL MOUNT

When install the unit, please turn the switch to **I** and cover the solar panel head by hand very closely. Please ensure the light turns on correctly prior to install (there will be a few seconds delay). Once satisfied, start to install the light as follows.

- Drill 2 holes on any flat surface using the mount as a template to determine hole location and insert plugs.
- Fix flat mount to LED Lamp by first placing the black washer over the threaded nut, then fastening the base to the threaded rod (clockwise). Be sure not to overtighten the base or it will snap the metal.
- Fix the LED lamp (complete with mounting base) to the surface with suitable screws.



OPERATION

- Remove the solar panel from the body via the 2 x cross head screws on top.
- Flick the power switch to “on” marked **I** on the solar panel to activate the solar security light.
- The light will automatically turn ON at low level during darkness.
- Test the light by walking into the detection area. The lamp will brighten temporarily when motion is detected.
- The full brightness light will be remain on as long as motion is detected.
- After 15 seconds of no motion detection, the light will return to low level brightness.

NOTES AND TROUBLESHOOTING

- If there is not enough sunlight on the solar panel, the unit may not charge, please ensure that the unit is placed in a position where there is at least 8 hours of sunlight a day.
- If there is too much artificial light surrounding the panel, the unit will not activate as it will assume that it is not dark enough.
- Please keep the solar panel clean by wiping it over once every few months with a damp cloth or paper towel. Don't use strong detergents or acid-based cleaners.
- Rainy and cloudy conditions over continuous days will also affect the charging ability of the light.
- Please not the unit charge in the **I** position.
- If the light will not illuminate after 2 sunny days, turn on the switch and charge the battery at daytime and turn off the switch to prevent the lamp illuminating at night to save the battery charge. The next day, turn the switch on again to continue charging the battery. This can be done over a number of days to boost the battery charge. The light should then come on as normal. If not, the battery needs to be changed.

BATTERY REPLACEMENT

The battery is 3.7V 200mAh Li-ion rechargeable battery which is easily replaceable.

If the battery begins to illuminate dimly or for short duration of time and you know that it has had sufficient sunlight on the panel in order to charge, you should replace the battery in the following way:

1. Take off the solar panel cover on the top. Without damaging the cables.
2. Take off the black battery box and change by two new batteries.

WARNING- polarity is important. Incorrect polarity is dangerous and will destroy the unit.