

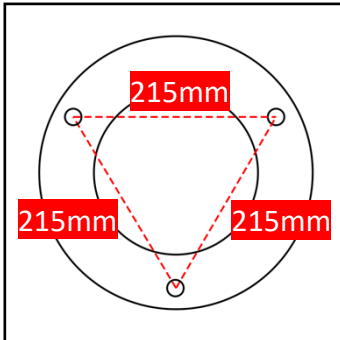
SOLAR BOLLARD LIGHT INSTRUCTION MANUAL



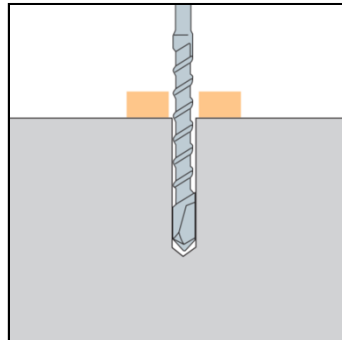
INSTALLATION



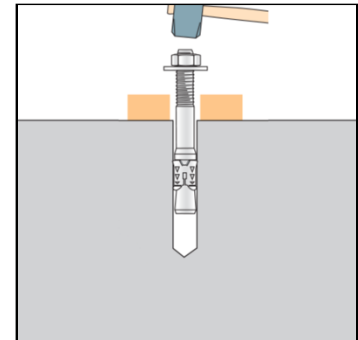
CAUTION: RISK OF ELECTRIC SHOCK!
WORK MUST BE CARRIED OUT BY AN ELECTRICIAN OR COMPETENT PERSON. IF IN DOUBT, SEEK PROFESSIONAL ADVICE.



Mark 3 holes, 215mm apart in the shape of a triangle



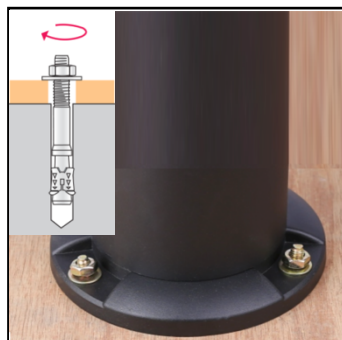
Using an 8mm hole, drill a hole 50mm deep for best results (where possible)



Insert expansion bolt into hole, with nut and washer attached. Bolt should protrude surface



Remove nuts and washers from bolts. Place bollard over three bolts, ensure it is level



Place washer and nut onto the bolts, tighten with tool. This will expand/secure fixing in ground



Check bollard is stable, and sat level on base. Bollard is ready to turn on via button, see below.

LOCATION

- The base/ground must be level and secure for the bollard to sit straight when installed.
- When installing within grass/soil, we recommend a concrete block buried in
- When installation has been completed, the base can be covered in soil, turf if desired, although access may be required for future remedial works.
- Place in view of direct sunlight, avoid shaded areas.
- Avoid street/night lighting as not to affect night-time performance



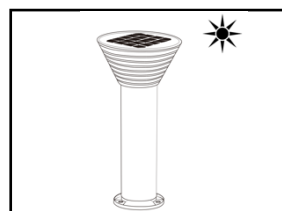
OPERATION



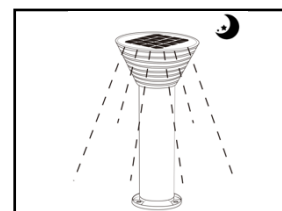
Fully press to turn on light. A lighter press will change warm/cool white.



Light will remain on for 40 seconds. After which it will enter normal mode >



During the day, the light will charge automatically.



After sunset, the light will turn on automatically until daylight returns.

TESTING/TROUBLESHOOTING

To test functionality of light fitting, cover the top of the bollard with an opaque item. Doing so will activate the sensor and replicate a night time scenario. Removing the opaque item will turn off the light depending on the external light conditions.



Should the functionality of the bollard light change:

- Check it has been installed in correctly as per Page 1
- Clean the solar panel and top with a damp cloth
- Remove head of bollard using including Allen key:
 - Check connections are secure
 - Check internal components are not damaged
 - Has light been switched on/off. Test accordingly.
 - Does battery need replacing

DISPOSAL

Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in the European Union and other European countries with separate collection systems). This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. This product should not be mixed with other commercial wastes for disposal.

MAINTENANCE

The devices are maintenance-free, so never open them. The guarantee becomes void when you open the appliance. Only clean the outside of the devices with a soft, dry cloth or a brush. Prior to cleaning, remove the devices from all voltage sources. Do not use any carboxylic cleaning agents or petrol, alcohol or similar. These damage the surfaces of the devices. Besides, the vapours are hazardous to your health and explosive. Do not use any sharp-edged tools, screw drivers, metal brushes or similar for cleaning. Do not clean this product with a pressure washer.

GENERAL SAFETY

- Keep all parts out of the reach of children.
- Avoid dropping or shocks; this may damage the electronic circuits.
- Repairs or opening of this item may only be done by an authorized repairer.
- For your safety, always switch off the power supply before changing lamps, adjusting spotlight, heads or cleaning

HIGH VOLTAGE

- All electrical connections and connection cables must comply with the appropriate rules and match the operating instructions.
- The fitting must be correctly installed if it is to operate reliably. These instructions and the user guide must therefore be studied carefully.
- The electrical supply must be switched off at the consumer unit, preferably by means of a switch in the distribution box, before any installation, maintenance or repair work is undertaken.
- Exterior components must not be installed during rain.
- Take account of the minimal separation distance from other objects and the room required around the fitting.
- If in any doubt consult a professional, taking local installation requirements into account.
- Some countries stipulate that lighting may be installed only by registered installers



WARRANTY

This product comes with a 2-year warranty (not including lamps). If you have any concerns or questions do not hesitate to contact us.

Battery	6.4V 5AH LifeP04 Lithium
Light Source	Built in 3.5W LED
LED Type	Epistar
LED Colour	3000K (WW) / 6500K (CW)
LED Lifespan	50,000 hours
Wattage Equivalent	20W CFL / 85W Incandesc
Output	420 Lumens
Solar Panel	Monocrystalline
Solar Panel Power	9V / 5.5W
Charge Time	6-8 hours
Working Time	6hours @ 100% brightness then 6hours @ 50% brightness
Working Temp	-25°C – 55°C
IP Rating	IP65
Beam Angle	120°
Sensor	Dusk/Dawn Photocell
Materials	Die cast Aluminium Polycarbonate
Weight	900mm: 2.2kg