



®

Description – Spike LED Garden Light



# Installation Instructions

Luminaire Code(s) – 4L2/2001

## General Installation Instructions

**These instructions should be read carefully prior to any installation and retained after completion for further reference and maintenance. Please give these instructions to the building owner/occupier after installation.**

### Important Safety

1. Before installation, maintenance or lamp replacement, ensure that the mains supply to the luminaire is switched off and the circuit supply fuses are removed or the circuit breaker is turned off.
2. It is recommended that only a qualified electrical contractor carries out the installation of this luminaire and that the luminaire is installed in compliance with the current edition of the IEE Wiring Regulations.
3. The person carrying out the installation is to check and verify that the total load on the circuit, including that of this luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
4. Where a luminaire incorporates discharge control gear (inductive load), the circuit capacity and ratings require careful sizing to avoid nuisance tripping of the protective device used in the installation.
5. Where applicable, careful consideration should be taken during installation to ensure that all fixings and/or suspensions are of a suitable size for the luminaire being installed.

### Ratings

1. All luminaires are manufactured & tested in compliance with the requirement contained within BS EN 60598 and are CE marked.
2. All luminaires that are of Class 1 construction and that are marked accordingly, MUST be earthed.
3. All luminaires are designed to operate at 230Volts AC -6%/+10% = 216Volts to 252Volts. Do not operate outside these voltages.
4. All luminaires are only suitable for applications within their rated Ingress Protection limits as stated.

### Exclusions to Warranty

**Please Note** - The limited warranty shall be null and void in the following circumstances:-

Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature -20 - 40°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

### Installation

#### Surface

- Select a suitable mounting surface for the fitting.
- Fix the luminaire base to the intended surface.
- The incoming cable to the luminaire is to be terminated in a suitable junction box enclosure maintaining any required IP rating.
- See electrical connections below...
- Angle and Direct the luminaire to desired position.
- Restore power supply, switch on and test for satisfactory operation.

#### Spike

- Select a suitable area to install the spike. Taking care to avoid cables or pipes.
- Secure the spike into the ground.
- The incoming cable to the luminaire is to be terminated in a suitable junction box enclosure maintained any required IP rating.
- See electrical connections below...
- Angle and Direct the luminaire to desired position.
- Restore power supply, switch on and test for satisfactory operation.

### Electrical Connections

Connect as follows:-

LIVE

(L)

BROWN OR RED (switched)

EARTH



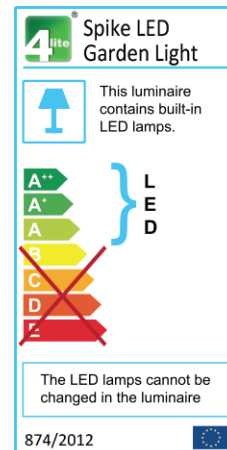
GREEN / YELLOW

NEUTRAL

(N)

BLUE OR BLACK

- Re-fit the housing to the installed base plate ensuring the grub screws are secure. Please see the below assembly image.
- Restore power supply, switch on and test for satisfactory operation.



### Maintenance:

1. This luminaire contains no serviceable parts.



#### Disposal of Electronic Equipment WEEE Directive 2002/96/EC

This product falls within the scope of the Waste Electrical & Electronic Equipment Directive (WEEE), which means the product should not be disposed of as normal household waste. Ensure that this luminaire and lamp is disposed of in accordance with the WEEE Directive. Contact a local Council Waste Dept. Local Amenity Site, or the Environment Agency for further information. **RoHS** - All components and materials used in this product are **RoHS** 2002/95/EC compliant.

IP65

