



Installation Instructions

Luminaire Code(s) – **4L2/2100**

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.
5. **Max ambient temperature 25°C**

Installation

- Separate the luminaire from the installation sleeve inground tub.
- Place the installation sleeve into the intended area. Do not install into an areas subject to flooding and standing water.
- When installing the installation sleeve into the ground, there must be adequate drainage of a minimum distance of 300mm of gravel under the sleeve. Should the area have a high-water table, more drainage maybe required.
- The incoming cable to the luminaire is to be terminated in a suitable junction box enclosure.
- Sufficient cable is to be left during installation to allow the luminaire to be removed from the PVC tub for any future maintenance that may be required.
- Connect the incoming mains cable to the luminaire.

- **Connect as follows:**

LIVE	(L)	BROWN OR RED
NEUTRAL	(N)	BLUE OR BLACK
EARTH		GREEN / YELLOW

- When installing into the PVC tub, ensure cable does not become trapped.
- Restore power supply, switch on and test for satisfactory operation.

Important Information

- Do not install in chlorinated areas i.e. Swimming Pools.
- Do not clean using abrasive cleaners or polishes.



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.



