



# Installation Instructions

Luminaire Code(s) – **4L1/5309**

## 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. **This luminaire is designed for internal use only.**

### 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 (ambient temperature -10 - +30°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

- Carefully remove the product from the packaging.
- Select a suitable mounting surface.
- Using allen key supplied, remove fixing bracket from the ceiling rose / housing. Position and fix the bracket to a suitable solid surface using the wall plugs and screws provided.
- Adjust the luminaire to desired mounting height removing any excess cable; ensuring strain relief is secure.
- Terminate the supply into terminal block attached to the mounting bracket, taking care to observe correct polarity. **THIS LUMINAIRE IS CLASS I, THEREFORE MUST BE EARTHED.**

### Electrical Connections

Connect as follows:-

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

### **Please note that this product is triac dimmable.**

- Secure the ceiling rose / housing to the fixed mounting bracket.
- Ensure fixture hangs horizontal when suspended. Care should be taken to ensure luminaires are suspended from suitable fixings to ensure installation is safe.
- Restore mains supply, switch on and test for satisfactory operation.

**IP20**



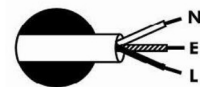
## Maintenance:

1. This luminaire LED contains no serviceable parts.
2. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



### **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.



Blue / Black



Brown / Red