

Installation Instructions

Luminaire Code(s) – **AKLED/**

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 tracks are designed to operate at 230Volts AC +10% / -6% = 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

- Remove the front assembly from the base by releasing the two captive retaining screws.
 - Select a suitable cable entry point, and carefully remove the appropriate knock-out(s). Place the base on a firm surface, and using a suitable punch, strike sharply on the knockout near the inside mark.
 - Position and fix the base to a suitable solid surface using screws supplied, rubber washers or sealant should be applied around the screw heads to reduce water ingress if the luminaire is to be mounted externally.
 - Secure supply cable into the luminaire through previously selected hole ensuring that a cable gland, grommet or sealing compound is used to maintain the IP rating of the luminaire.
 - Terminate the cable into the terminals ensuring correct polarity is observed.
- | | | | |
|-----------------------|---------|---|----------------|
| • Connect as follows: | LIVE | (L) | BROWN OR RED |
| | NEUTRAL | (N) | BLUE OR BLACK |
| | EARTH |  | GREEN / YELLOW |
- Re-fit the front assembly, taking care to ensure it is properly seated on the gasket seal. Do not over-tighten the screws. An effective weatherproof seal can be provided with moderate tightening of screws.
 - Restore power supply, switch on and test for satisfactory operation.

IP65



Maintenance:

1. This luminaire contains no serviceable parts.
2. If replacing the LED Driver, please ensure the driver has a secondary output is 350mA constant current with a power rating of 0-3W.



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