



Description – Sleek 110V LED  
Polycarbonate Bulkhead



# Installation Instructions

Luminaire Code(s) – **ASBLED/110V**

## 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.

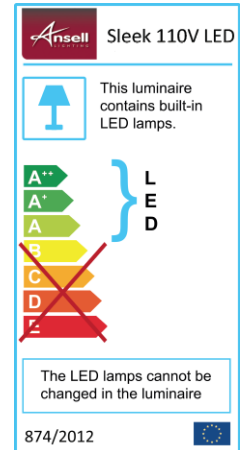
### Ratings

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.

### 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 -10 - 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

- Remove the diffuser from the base by releasing the four captive retaining screws, and remove the gear tray (disconnecting if required) and proceed as follows.
- 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 but away from the securing tag.
- 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. **NOTE:** If mounting on a BESA conduit box, a suitable gasket (rubber) should be used.
- 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.
- Re-fit the gear tray back into position (reconnecting if previously removed).
- Re-fit the diffuser, 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.


### Luminaires fitted with Photoelectric Cells

- Care should be taken when positioning luminaires with integral photoelectric cells. For correct operation, luminaires should be installed in a north or south facing orientation.
- Avoid installation on brightly coloured wall surfaces.
- Avoid locations where the photoelectric cell can detect light from other luminaires.



### Maintenance:

1. This luminaire 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.

