



Description – Mercury LED Polycarbonate Ceiling / Wall Light
Cool White/Warm White



Installation Instructions

Luminaire Code(s) – **AMERLED/CCT**

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.

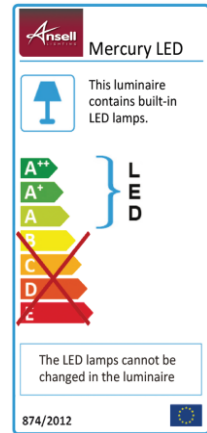
Ratings

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 -10 - 50°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 rotating anti-clockwise.
- Select a suitable cable entry point by drilling into the base. The recommended entry point being the centre of the luminaire. (Suitable provision MUST be made to protect IP rating of luminaire).
- If using the central area of the fixture or BESA connection, remove the central cap / MWS cap by depressing the two tabs towards the centre of the luminaire to expose. Feed your supply cable through the cable channels.
- Position and fix the base to a suitable solid surface using screws supplied, sealant should be applied around the screw heads to reduce water ingress if the luminaire is to be mounted externally (Luminaires should not be installed where the illuminated surface is within 0.5m from the front of the fitting).
- It is the installer's responsibility to provide adequate electrical connections to maintain the correct IP rating for the installed environment. This is in accordance to BS EN 7671.
- Secure supply cable into the luminaire through cable entry ensuring that a 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.
- Please see below for electrical connections.

Electrical Connections

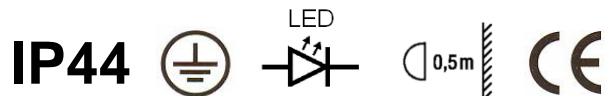
Connect as follows :-

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

- **Select the desired colour temperature using the switch mounted on the LED board**
- Re-fit the diffuser, taking care to ensure all gasket and seals are in position and the diffuser is properly seated.
- Secure the single diffuser lock screw if required.
- Restore power supply, switch on and test for satisfactory operation.

Warning

- Failure to comply with these instructions may result in irreparable damage to the control gear.
- This product must not be modified in any way as this will negate any Safety approvals, and may render the product inoperable or unsafe. The product must be installed in accordance with the instructions.



Maintenance:

1. This luminaire contains no serviceable parts.
2. If replacing the LED Driver, please ensure the drivers secondary output / wattage is correct matching that of the existing LED driver.



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.

