



Description – Unity 18W / 33W LED Downlight Cool White



Installation Instructions

Luminaire Code(s) – **AULED125D, AULED150D**

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 (normal operating ambient temperature 0 - 25°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

- Select a suitable mounting location to install luminaire. Check that sufficient depth is available in the ceiling void and there is adequate free air ventilation around the luminaire.
- Luminaire should not be mounted facing any combustible material within 500mm.
- Cut a125mm for AULED125D or 150mm for AULED150D diameter aperture in ceiling material. If required, maintain any fire barrier by installation of suitable fire hood available from Ansell Lighting.
- Remote control gear should be connected to supply cable, taking care to observe the correct polarity (please see electrical connections below). This fitting is Class II and does not require an earth connection.
- During connection of the remote gear to the luminaire the supply must only be initiated after the connection of the male and female connectors. Do not connect the luminaire to the driver if the driver has an incoming supply. This can damage the LED.
- **Do NOT cover the remote control gear with thermal insulation or any other material.**
- Connect as follows:-

SWITCHED LIVE	(L)	BROWN OR RED
NEUTRAL	(N)	BLUE OR BLACK
- Plug high-tension cable and plug into the corresponding socket on the fitting, ensuring the plug is pushed fully home. Do not install the luminaire onto new plaster or wet paint.
- Offer the remote gear fitting through the aperture and bend back the two spring tabs. Release tabs and allow fitting to be drawn into place.
- Angle the head into the desired position for version
- Restore mains supply, switch on and test for satisfactory operation.

Ansell Unity LED

This luminaire contains built-in LED lamps.

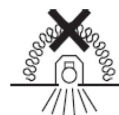
LED

A++
A+
A
B
C
D
E

The LED lamps cannot be changed in the luminaire

874/2012

IP44



- Luminaire not suitable for covering with thermally insulating material.

Maintenance:

1. This luminaire LED contains no serviceable parts.
2. If replacing the LED Driver, please ensure the driver is the correct size for the application and the secondary output is 500mA constant current with a minimum power rating of 20W – AULED125D, 900mA constant current with a minimum power rating of 38W – AULED150D.

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

N

Brown / Red

L