



# Installation Instructions

Luminaire Code(s) – AORBLED/DIMMER

### 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 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 product and 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 does not exceed the rating of the circuit cable, fuse or circuit breaker.

#### Ratings

1. This product is manufactured & tested in compliance with the requirement contained within BS EN 60598, IEC 60929-1, BS EN 55014:1993 and is CE marked.
2. This product is designed to operate at 230Volts AC -6%/+10% = 216Volts to 252Volts. Do not operate outside these voltages.

### INSTALLATION

**Note – This product is compatible with the Ansell Orbio360 AC LED ONLY.**  
**This module is for use with dimmer plates.**  
**Suitable for operating 1 – 20 Orbio360 AC LED Downlights.**  
**DO NOT Megger test.**  
**Dimmable to 12% light output.**

#### **Installing the dimmer for one-way operation**

- If replacing an existing dimmer or switch, always take careful note of the cables and terminal descriptions before removing the old unit. This should make it far easier to install the new dimmer.
- A one-way installation is where simple on and off switching and dimming of one light, or a series of lights is required.
- Carefully strip the inner cable insulation to expose 8mm of the conductor.
- Ensure each wire is connected to the appropriate terminal, as shown in the typical diagram - Figure 1.

#### **Installing the dimmer for two-way operation**

- This type of installation is when a two-way dimmer switch is used in conjunction with an additional standard two-way switch, to allow control of one light, or a series of lights, from more than one position. Please see Figure 2.
- When the light circuit is operated from the additional standard 2-way switch, it will come on at the pre-set level, which is controlled by the position of the dimmer knob when it was last operated.
- If replacing an old dimmer or switch, always take careful note of the cables and terminal descriptions before removing the old unit. (Common, L1, L2 etc.) This should make it far easier to install the new dimmer.
- Follow the installation instruction for a one-way switch as described above, except using the circuit shown in Figure 2 for the terminal positions.

Figure 1

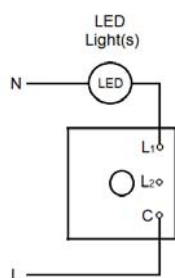
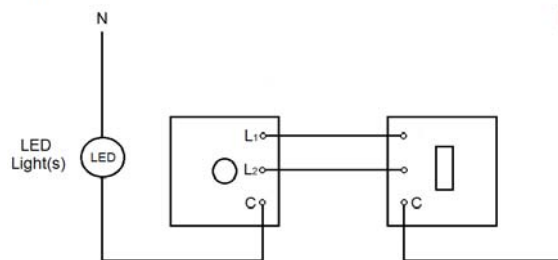


Figure 2



#### **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.