

Installation Instructions

Luminaire Code(s) – **AVLED/KIT**

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.

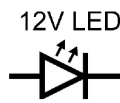
Information – RGB Components (Supplied Complete)

- Plug 12V LED Driver
- RGB IR Controller
- RGB Controller
- 5M RGB Strip

Installation

- Select a suitable mounting location to install the LED strip. Care should be given to ensure adequate ventilation for luminaire. This luminaire is not suitable for high temperature areas.
- If required the LED strip can be cut down at any of the cutting junctions (please see Fig 1.).
- **Please Note – Once the LED strip is cut this is a DEAD END and the off cut cannot be used.**
- Ensure the surface that the strip will be applied to is clean and free from grease.
- Peel adhesive cover and mount onto the intended surface.
- Connect the supplied RGB IR controller.
- Please see Fig 3. for wiring diagram.
- The LED strip is controlled using the hand remote supplied. Please see operations below....
- On/ Off – Turns the LED strip(s) On / Off.
- Dim Up  Dim Down 
- Colour Buttons – Choose desired constant colour output.
- Flash – Flashing whilst cycling through various colour program.
- Strobe – Strobing whilst giving a white output
- Fade – Fading whilst cycling through various colour program
- Smooth – Cycling through various colour program
- Restore the power supply and test all functions for correct operation.

IP20



Maintenance:

1. This luminaire contains no serviceable parts.



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.

R – Red, G – Green, B – Blue, + - Black

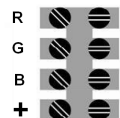
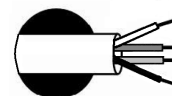


Fig 2.

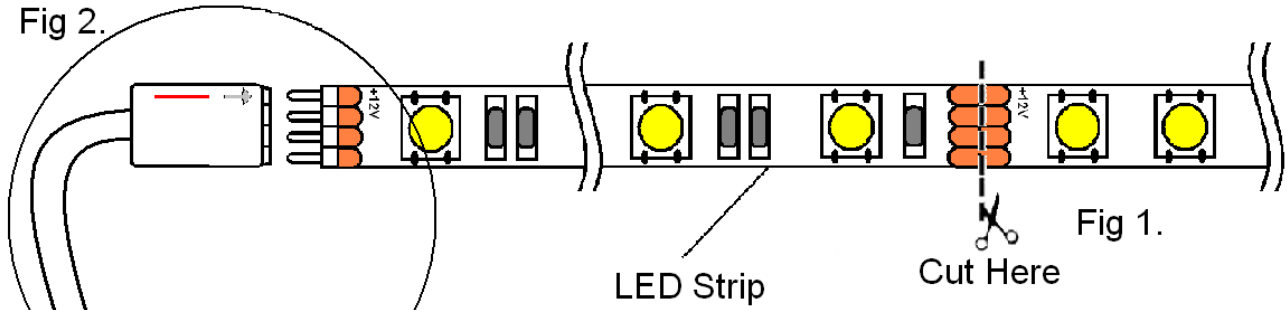
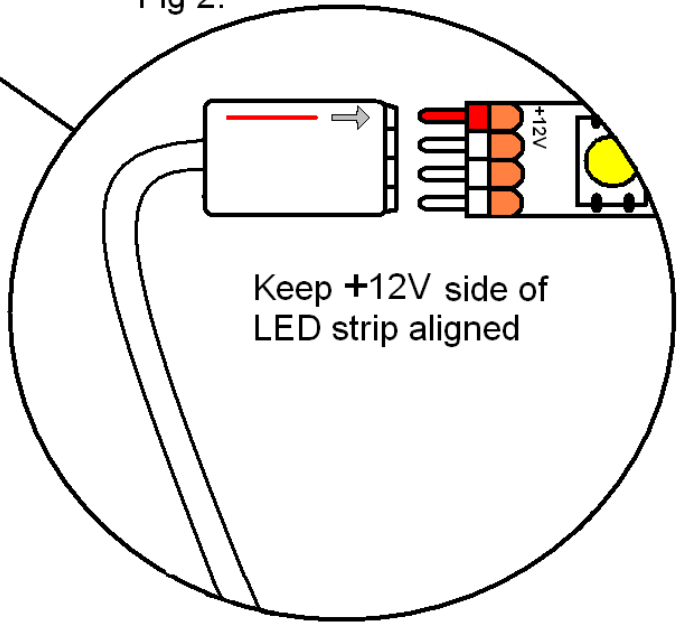


Fig 1.

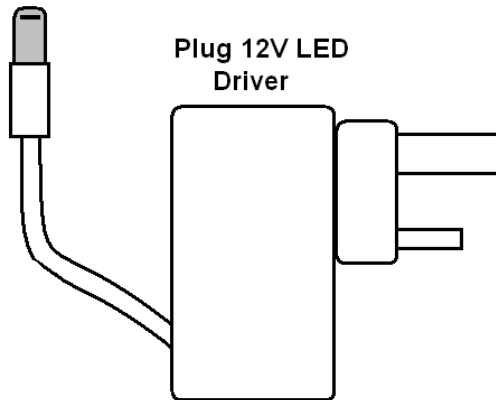
Fig 2.



**IR RGB
Controller**

**RGB Remote
Receiver**

Fig. 3



**Plug 12V LED
Driver**

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