



Description – Vulcan IP65 36W 24V RGB LED Surface Projector



## Installation Instructions

Luminaire Code(s) – **AVPLED/RGB**

### 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. **Max ambient temperature 25°C**

### Information

- For use with ARGBC/24V controller (purchased separately). Can control up to 280W of RGB lighting.
- ARGBC/R/24V is an optional repeater is also available to run an additional 280W of RGB lighting (purchased separately).
- A 24V DC LED Driver is also required (purchased separately).

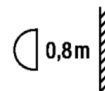
### Installation

- Select a suitable mounting location to install luminaire. Care should be given to ensure adequate ventilation for luminaire. This luminaire is not suitable for areas where there are high temperatures.
- Remove the mounting bracket from the fittings by releasing the two nuts either side of the luminaire.
- Fix the mounting bracket onto the intended surface.
- A minimum distance of 800mm should be kept between the fitting and any intended illuminated surface.
- Connect the luminaire to a suitable 24V RGB controller (ARGBC/24V). The RGB Controller should be used along with a suitable 24V LED Driver (Ansell part code AD360W/24V). Please see wiring diagram.
- The LED / RGB driver / controller and any connections / joints **MUST** have Ingress Protection (or be installed within a suitable waterproof enclosure) to the correct IP rating for the application / environment as per the latest edition of the IEE Wiring Regulations.
- The ARGBC/24V has a maximum rating of 280W (8 x AVPLED/RGB fittings) if you wish to connect more fittings on the same system, an expander unit can be connected (ARGBC/R/24V). Please see wiring diagram on page 2.
- Angle head to desired location and tighten all bracket hexagon nuts.
- Restore the power supply and test for correct operation

**IP65**



24V LED



### Maintenance:

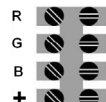
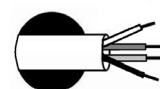
1. This luminaire contains no serviceable parts.

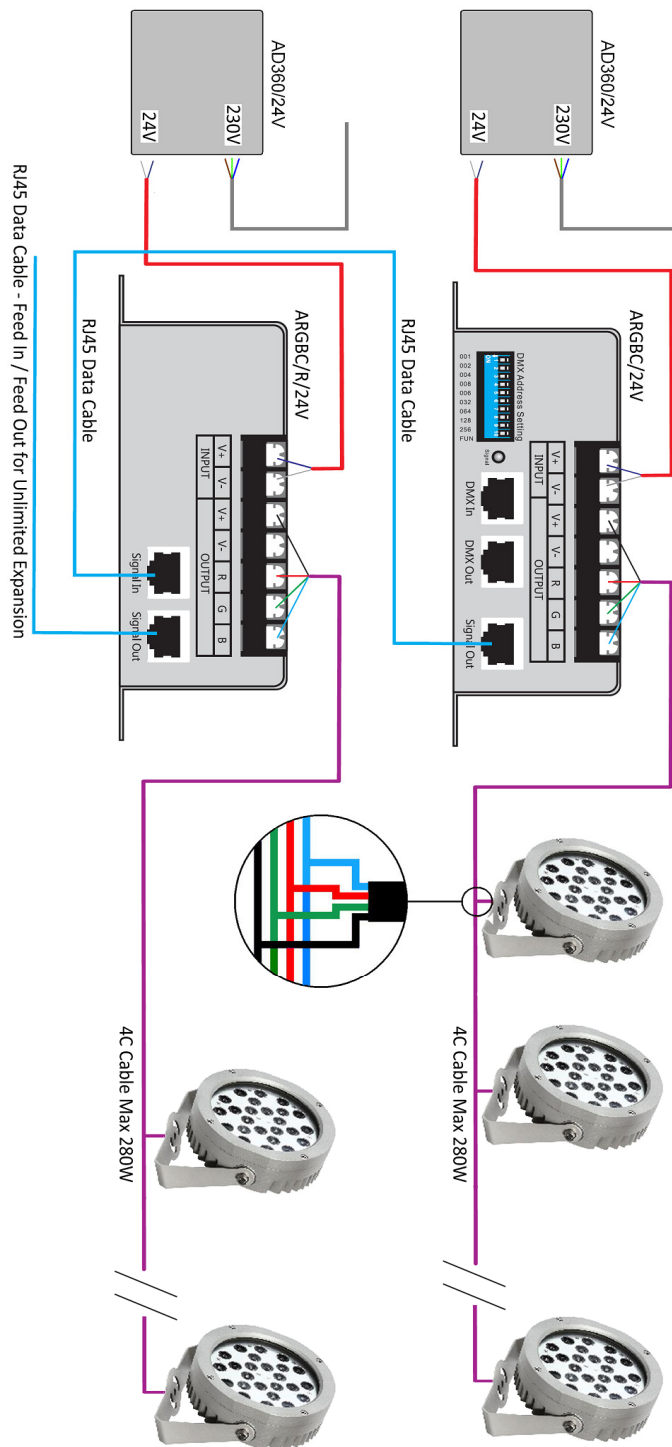


#### **Disposal of Electronic Equipment WEEE Directive 2002/96/EC**

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**





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