

RGB Panels INSTALLATION INSTRUCTIONS

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND LEAVE
A COPY WITH THE END USER FOR FUTURE REFERENCE.

SAFETY INFORMATION – We recommend that luminaires be installed by a fully qualified and competent electrician who understands building regulations and the current IEE wiring regulations. The light source contained in this luminaire shall only be replaced by the manufacturer or a qualified professional.

Before commencing any installation or maintenance work, ensure that the electricity is switched off at the mains.



IMPORTANT USER INFORMATION

Please install and use strictly in accordance with these instructions. Make sure that you have all the tools and equipment to complete the installation safely and correctly. Improper installation could cause harm to your property and/or person and void your warranty.

It is the installer's responsibility to consider fire & safety risk and take appropriate precautions.

This product is a CLASS 2 Fitting and must be connected to an earth termination.

GENERAL PRE INSTALLATION INSTRUCTIONS & GUIDELINES

- Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off the Mains Circuit Board.
- Do not disassemble or amend the structure of the luminaire and also do not introduce any parts other than the ones provided to the inside of this fitting, as this can be dangerous and it would void your warranty.
- The luminaire must be installed on to a ceiling which should be firm enough to hold the weight of more than five times of the fitting itself.
- The luminaire must not be installed above hot objects such as ovens to avoid damage to the fitting.
- LED Chips can be susceptible to damage by gases, vapours, etc emitted by other materials, especially rubber, causing a severe reduction in light output.
- Ensure there is adequate space for ventilation around the fitting.
- Ensure that all electrical connections are tight with no loose strands.
- This product is designed for permanent connection to fixed wiring and must be fixed to a suitable circuit (protected with the appropriate Mains Circuit Board or fuse).
- This product is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).
- Before making the fixing hole(s), check that there are no obstructions hidden beneath the mounting surface, such as pipes or cables.
- **Do not** place the driver or emergency pack (if used) on top of the panel

SPECIFICATION

Wattage: 36W
Power Supply: 100-240V
Power Factor: >0.90
CCT: RGB
CRI: >80Ra

RGB Panel

RGB WIRING STEPS

Before following these steps please ensure you have read and adhered to the guidelines and information overleaf. Remove the product from the box and inspect it for any damage. If the luminaire is in a good condition, proceed with the installation.

RGB PRE INSTALLATION INSTRUCTIONS & GUIDELINES

- Each receiver is supplied with the appropriate driver already attached.
- Each receiver has been synced to the control as per the specification requested. However this can also be re-synced by the user at a later date if required.
- The Meanwell ELG series driver is capable of powering up to 4 RGB luminaires or if the black enclosed brick-type driver is used, then it's one driver per fitting.
- Any of the RICOMAN RGB panels can be connected to any receiver, as the receiver used will dictate how they are controlled.

INSTALLATION

STEP 1

Connect each of the colored wires from the panel or panels to the correct terminal on the receiver as per below;

Red wire connecting to the 'R' terminal on the receiver

Green wire connecting to the 'G' terminal on the receiver

Blue wire connecting to the 'B' terminal on the receiver

Black wire connecting to the 'V+' terminal on the receiver

Please ensure that each fitting is installed in parallel and **not in a series**

STEP 2

Connect each driver / Power supply to mains supply

STEP 3

Connect power to the control



ENVIRONMENTAL PROTECTION

Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking must not be disposed of with other household or commercial waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice.

WARRANTY

This product is in warranty in the UK for a period of 5 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations. Should this product fail during the warranty period, it will be replaced free of charge, subject to the aforementioned conditions and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected.