



Installation Instructions

Luminaire Code(s) – AMRLED

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. **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

- Isolate power supply.
- Select a suitable mounting position for the luminaire. Ensure the fixings / suspension materials used are suitable to withstand the weight of the product installed. **(Weight - AMRLED1 = 6.75kg) (Weight - AMRLED2,3,4 = 6.82kg)**
- Please note this luminaire should not be installed in locations close to any heat source.
- Attach the supplied suspension hook into the thread on the rear of the luminaire. **(Recommended thread lock adhesive used upon installation)**
- Luminaire is supplied pre-wired with 3m of rubber insulated cable. Supply cable to be terminated in a suitable junction box enclosure.
- Ensure correct polarity is observed when connecting the power cable. Please see below for connections. **This luminaire MUST be earthed.**

Electrical Connections

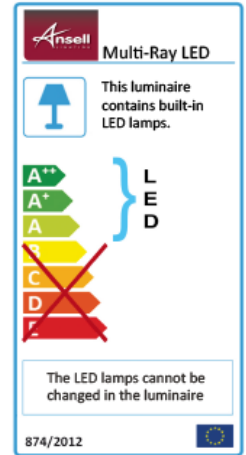
Connect as follows:-

LIVE	(L)	BROWN OR RED (switched)
NEUTRAL	(N)	BLUE OR BLACK
EARTH		GREEN / YELLOW

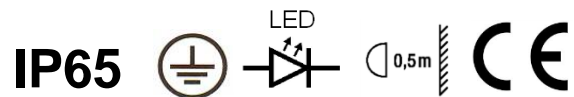
- **Keep all incoming cables away from the heat sink.**
- Restore power supply, switch on and test for satisfactory operation.

Warning

- **This product is heavy and must be installed with suitable fixings.**
- **Do not stare into the LEDs during use. The LEDs used are high output LEDs and can cause impaired vision / eye damage.**
- This product must not be modified in any way as this will negate any Safety approvals, and may render the product inoperable or unsafe. The product must be installed in accordance with the instructions.



Part Code	LED		Running Current
AMRLED1/	LED	105W LED High Bay	2.8A
AMRLED2/	LED	145W LED High Bay	1.2A
AMRLED3/	LED	165W LED High Bay	1.5A
AMRLED4/	LED	250W LED High Bay	2.2A



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.

