



Description – Gamma Mini LED



# Installation Instructions

Luminaire Code(s) – **AMGAMLED/MWS**

## 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.

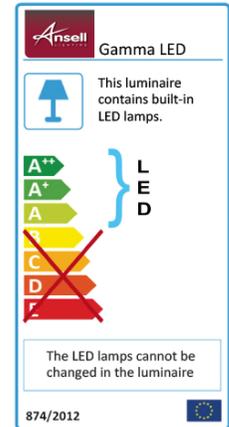
### Ratings

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 and external use.**

### 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 -5 - 35°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

- Remove the mounting bracket from the main body of the fitting by releasing the two captive retaining screws.
- Select a suitable firm surface for the mounting bracket, place the bracket on the surface and then mark position of fixing centres.
- Position and fix the bracket to the surface using screws supplied.
- Remove the terminal cover from the back of the fitting.
- Terminate the cable into the terminals ensuring correct polarity is observed.

Connect as follows :-

LIVE	(L)	BROWN OR RED	(switched)
NEUTRAL	(N)	BLUE OR BLACK	

### Optional Live Out

**LIVE OUT (Lout) Master to control up to 5 Fittings**

- Replace the terminal cover.

### Note

- If removing the Trim Ring, twist anti-clockwise to stopper and pull the Trim Ring away from the fitting.
- It is the responsibility of the installer/specifier to determine the suitability of this luminaire for the application. Luminaire types with high IP rating protection may not be suitable for installations with prolonged daily use due to accumulative heat not being able to dissipate from the luminaire body, affecting life span of components.
- Re-fit the main body to the mounting bracket taking care to ensure that the cable is not trapped.
- Restore power supply, switch on and test operation.

### Warning

- 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.

### MWS

**Detection Range fixed at 3m – Hold Time fixed at 15 mins – 15 lux(non-adjustable)**  
(Photocell can be deactivated via switch off rear of fitting)



### 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.