

Installation Instructions

Luminaire Code(s) – AGELED2X_/M3

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 tracks are designed to operate at 230Volts AC +10% / -6% = 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

- Turn off power supply.
- Remove the front assembly LED housing from the spine using a small flat headed screwdriver being careful not to damage the fitting.
- Disconnect the LED PCB connectors and retaining cords.
- Select a suitable location to mount the luminaire spine using the fixings supplied.
- Please note this luminaire should not be installed in locations close to any heat source.
- Feed the incoming supply cable through into the luminaire spine at the desired entry point at the rear of the fixture.
- Connect the mains supply to supply terminals.
- Please see connections below taking care to observe polarity.

Connect as follows:-	LIVE	(L1)	BROWN OR RED	(Switched)
	LIVE	(L2)	BROWN OR RED	(Un-switched)
	NEUTRAL	(N)	BLUE OR BLACK	
	EARTH	(⊕)	GREEN & YELLOW	

- Once connected offer the front assembly up to the spine attach the retaining cords to the front assembly.
- Re-connect the male / female connectors from the LED driver to the LED board(s).
- Connect the battery leads. The battery pack is not connected for safety reasons during transit. **Do not leave in emergency mode for prolonged periods over 12hrs. This can lead to irreparable damage to the battery pack**
- Locate the front assembly and fix back onto the spine.
- Restore power supply, switch on and test for satisfactory operation.
- A 48 hour period is required for battery to charge fully.

Warning

- Failure to comply with these instructions may result in irreparable damage to the control gear.
- 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.

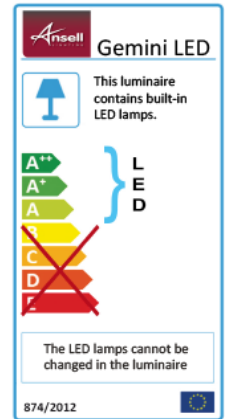
Maintenance:

1. If replacing the LED Driver, please ensure the drivers secondary output / wattage is correct matching, that of the existing LED driver.



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.





Operating and recommended Routine Test Procedure

Follow these instructions carefully to ensure safe and reliable operation of this emergency luminaire. The following testing is designed to ensure the continued protection of your premises and occupants, in the event of the possibility of a failure of the normal lighting supply. Testing should be carried out in accordance with the recommendations of BS5266-8:2004 Clause 7.2.

- **A daily check** – check LED charge indicator is illuminated
- **A monthly functional test** – simulate a mains supply failure for approx. 30 seconds by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated.
- **One annual full three hour duration test** - simulate a mains supply failure for a one hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated.

To assist with this testing, a test record is included. If the luminaire fails any of the above tests, please contact a qualified electrician.

TEST RECORD SHEET

MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FORTH YEAR		FIFTH YEAR	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	FUNCTIONAL										
2	FUNCTIONAL										
3	FUNCTIONAL										
4	FUNCTIONAL										
5	FUNCTIONAL										
6	FUNCTIONAL										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										



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