Description – 3W 6500K IP65 Swift LED Emergency Bulkhead Maintained / Non-maintained

Installation Instructions

Luminaire Code(s) – ASWTLED/3M

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

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

- Select a suitable mounting surface and provide a suitable power supply.
- Remove the luminaire cover/diffuser by removing the screws with a screwdriver.
- Release the gear tray by simultaneously releasing the four retaining clips.
- Fix the base to the required surface ensuring an appropriate fixing method is used to support the luminaire and without compromising the IP rating of the luminaire.
- It is the installer's responsibility to provide adequate electrical connections to maintain the correct IP rating for the installed environment. This is in accordance to BS EN 7671
- Bring in the incoming supply through the base and terminate into the terminal block on the gear tray.

Electrical Connection

Connect as follows:-

PERMANENT LIVE	(L)	BLACK (continuous)
SWITCHED LIVE	(L1)	BROWN (switched)
EARTH	⏚	GREEN / YELLOW
NEUTRAL	(N)	BLUE

- Connect the battery plug to the PCB board where indicated.
- Refit the gear tray.
- Fix the cover / diffuser into position and tighten fixing screws ensuring that adequate compression is present.
- Switch on the mains supply. Check the unit operates correctly.
- Check the LED indicator is GREEN and ON.

Note

- Switch on the mains supply. Check the unit operates correctly.
- Check the LED indicator is ON and GREEN.
- Leave the unit on charge for one hour, then remove the supply to simulate mains failure and check the lamp operates in emergency
- mode.
- The unit requires 48 hours to fully charge the battery and achieve 3 hours emergency operation.
- **DO NOT deep discharge the batteries pack in emergency output for over a period of 48hrs as this will cause irreparable damage to the battery.**

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.

- **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.
- **Every year, a full three hour duration test** - simulate a mains supply failure for a three 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										

IP65 LED CE

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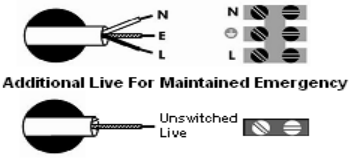
1. This luminaire contains no serviceable parts.

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.