



Description – IP20 3W LED Twin Spot – Non Maintained



Installation Instructions

Luminaire Code(s) – **ATSLED/3NM**

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

- 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.
- 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.
- 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.
- 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.
- 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. **Max Ambient Temperature 25°C**

Installation :-

- Please ensure the luminaire is mounted onto solid walls or structures and with suitable screws and fixings.
- Connect the battery leads
- Connect the unswitched mains supply to the input terminal block in accordance with the markings.

Commissioning Instructions :-

- After connecting the mains supply check that the charge indicator LED is illuminated and that the lamp(s) are not illuminated.
- A charge period of 24-hours should be allowed before testing the unit for its rated duration.
- The recommended maximum battery storage period of one year should not be exceeded.
- If the battery has been left in a discharged state, a full charge and discharge cycle may be necessary to restore full battery capacity.

Safety Warning :-


This product contains one or two sealed Lead Acid batteries which contain an electrolyte that can be poisonous and harmful to the eyes. Care must be taken not to damage the battery case which would allow electrolyte to escape. When handling take care not to short out the terminals of the battery (i.e. with rings, bracelets, watch, screwdriver etc) as this could cause high electrical currents resulting in injury by burning. If the battery electrolyte touches the skin wash off immediately with water.

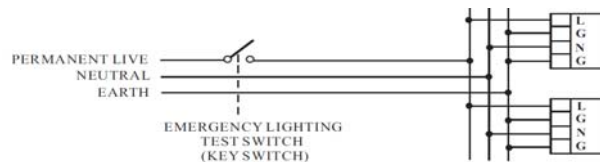
Battery Connection :-

Do not connect the battery until there is reliable mains supply. If the product regularly operates in the emergency mode the battery life may be compromised. The date that the battery is connected should be written onto the battery connection label. Having completed the installation and connected the battery check that the green battery charge and lamp filament indicator is on. We recommend the batteries be charged for 48 hours before the first test.

Installation of Emergency Luminaires – Additional Instructions to above

Connect as follows:-

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



Warning

- Failure to comply with these instructions may result in irreparable damage to the emergency 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.
- **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										

IP20  



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.

