

Testing Log Book:

Luminaire Type: _____ Luminaire Location/Number: _____

| Month | Test | First Year | | Second Year | | Third Year | | Fourth 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 | Discharge | | | | | | | | | | |

Installed By: _____ Installation Date: _____

Contact Details: _____

Cleaning:

- Do not use any chemical or abrasive cleaners.
- Clean product with only a soft dry cloth.
- Clean product at regular intervals.

Warning:

- This product is not a toy and contains small parts.
- This product is unsuitable for installation in or near coastal and marine environments.

Warranty:

- This product is warranted to be free of defects in materials, design and workmanship for 3 years from the date of purchase (conditions apply, please see TIME LED website for further details). If a suspected fault should develop in this time, please contact us via the address on the front.

Recycling Advice:

Waste Electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Full Technical specification available upon request. Contact info@timeled.co.uk for PDF.

TIME LED®

**Elan Range: White LED 14.5W Round
Emergency Bulkhead**

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Installation and Operating Instructions



Read and follow instructions before operating your light.
Save this manual for future reference.

Package includes:

- 1 x White LED 14.5W Round Emergency Bulkhead
- 1 x Manual

Safety:

- This bulkhead must be earthed.
- Before installation or maintenance, ensure that the mains supply to the bulkhead is switched off and the circuit supply fuses are removed or circuit breaker turned off.
- Check that the total load on the circuit, including when this bulkhead is fitted, does not exceed the rating of the circuit cable fuse of the circuit breaker.

Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current Building and IEE Wiring Regulations (BS7671).

INS-780657-V2

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| | |
|------------------|------------------|
| Product Code | 780657 |
| Size (mm) | Ø314x85 |
| Lamp | SMD |
| Watts | 14.5W |
| Equivalent Watts | 116W |
| Lumens | 1300lm |
| IP Rating | IP54 |
| Colour Temp | 4000K Cool White |

| | |
|---------------|------------------|
| Beam Angle | 120° |
| Material | Mixed PC |
| Dimmable | No |
| Voltage/Hertz | 220-240V 50/60Hz |
| Lifespan | 25,000 hours |
| Warranty | 3 Years |
| Energy Rating | A+ |

Instructions for new installations:

- 1) Remove the diffuser and front bezel from the base by turning anti-clockwise.
 - 2) Loosen the 3 retaining screws on the gear tray, and rotate anti-clockwise to align the screw heads with the large aperture of the keyhole slots. When aligned, the gear tray can be lifted away from the base.
 - 3) Prepare the mains supply cable and the fixings points on the chosen mounting surface, ensuring they are able to support the weight of the bulkhead.
 - 4) Pass the mains supply cable through the cable entry hole, attach the base to the mounting surface and secure with the screws provided.
- NOTE: To maintain the IP Rating, ensure all fixing points and cable entry points are sealed.
- 5) Route the mains supply cable to the terminal block on the gear tray, ensuring correct polarity is maintained.
 - 6) Refit the gear tray to the base (opposite of point 2) and secure by fitting the screws.
 - 7) Refit the diffuser and front bezel by rotating clockwise.
 - 8) Reconnect the mains and check for accurate function.

Emergency Luminaire Instructions

- The luminaire should be installed as per the main instructions supplied.
- In addition, a secondary 'un-switched' live supply should be fed to the luminaire, in line with the 'switched' mains supply so that upon test, it is isolated at the same time as the 'switched' supply.
- Route the terminal block and terminate, ensuring correct polarity is observed.
- Connect the battery supply to the module by joining the connectors, ensuring correct polarity is observed.
- When the power supply is reconnected, check the green LED fitted to the luminaire illuminates. This indicates the batteries are charging.
- The batteries should be allowed to charge for at least 24-hours before carrying out a full discharge test to check batteries are charging correctly and maintained duration is being achieved.

Operation and Maintenance

- Normal battery life is 3-years, after which time they should be replaced with a suitable equivalent.
- The luminaire MUST be disconnected before the circuit is installed and is subjected to any high voltage or insulation resistance testing, otherwise irreplaceable damage will occur to luminaire components.
- When the lamp operates from the battery supply it will be at a reduced light level, so ensure the cleanliness of luminaires is managed so as not to affect performance.

Testing for Emergency Bulkhead - recommended routine test procedures in line with BS 5266 & BS EN 50172:

Monthly Functional Test

- Simulate a mains supply failure by isolating the circuit (ensuring it is safe to do so) or by way of a test key switch if fitted into the circuit.
- Do this for a period of time sufficient to check that the light source illuminates from the battery supply.
- Once complete, ensure the normal supply is restored and that the green LED charge indicator illuminates.
- Log results/comments in the testing log book.

Annual Discharge Test:

- Simulate a mains supply failure by isolating the circuit (ensuring it is safe to do so) or by way of a test key switch if fitted into the circuit.
- This should be for the full rated duration period for the luminaire (the reference M3 = Maintained for 3 hours & M1 = Maintained for 1 hour).
- Check that the light source illuminates and remains illuminated for the full 3 hour period.
- Once complete, ensure the normal supply is restored and that the green LED charge indicator illuminates.
- Log results/comments in the testing log book.