

**TIMEGUARD®**

18W Round LED Bulkhead  
Emergency Light

Model: LEDLRIP18WHEM



Installation & Operating Instructions

# 1. General Information

These instructions should be read carefully and retained for further reference and maintenance.

## 2. Safety

- Before installation or maintenance, ensure the mains supply to the luminaire is switched off and the circuit supply fuses are removed or the circuit breaker turned OFF.
- It is recommended that a qualified electrician is consulted or used for the installation of this luminaire and install in accordance with the current IEE wiring and Building Regulations.
- Check that the total load on the circuit including when this luminaire is fitted does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Do not dismantle the lamp or unscrew the LED board, this will affect the heat distribution and reduce the lifespan of the LED luminaire.
- Never clean with a damp cloth whilst the luminaire is switched ON.

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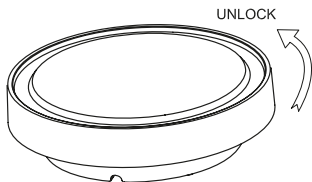
## 3. Technical Specifications

- 230V AC 50 Hz
- This luminaire is of class II construction and must not be earthed
- 18W LED Non-replaceable lamp
- Energy efficiency: Class A
- Energy Usage: 18kWh/1000H
- Lumen Output: 1100lm
- Emergency Output: 50% (550lm)
- Emergency Duration: > 3 hours
- Colour Temperature: 4000K
- Operating Temperature: 0°C to +40°C
- Battery charge time: 24 hours (Non-replaceable rechargeable)
- Installation: Ceiling or Wall
- IP65 Rated suitable for internal use or for restricted external applications
- CE Compliant
- Dimensions: 300mm diameter x 80mm
- Mounting Centres: 145mm

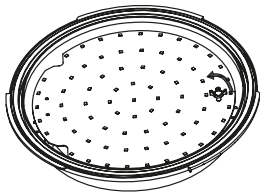
## 4. Installation

Note: Ensure the mains supply is switched off and the circuit supply fuses are removed or the circuit breaker turned off. A permanent supply live is required to charge the internal battery, which is used in emergency mode. A switch can also be installed (breaking the Switch Live connection) in order to turn the luminaire ON and OFF for normal operation.

- 4.1 Rotate the bezel anti-clockwise, so that the 3 lugs on the bezel match the gaps on the back case. This will allow you to lift and remove the bezel entirely.



- 4.2 Turn the fastener on the back case 90 degrees so that it matches the slot. This will release the hinged gear tray.

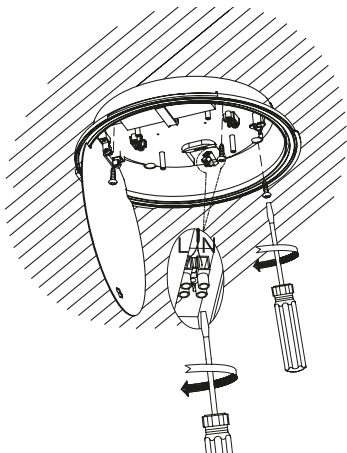


- 4.3 Carefully lift the hinged gear tray to reveal the connection terminal and mounting holes.

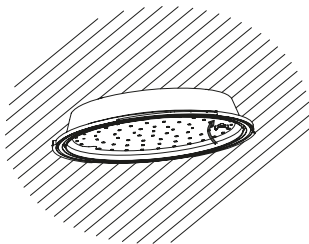
Note: There is provision for 4 mounting holes which will need to be drilled out before you can mount the luminaire.

- 4.4 Mark the position of the mounting holes on the ceiling or wall using the back case as a template, and drill the holes ensuring not to infringe with any gas/water pipes or electrical cables that may be hidden below the surface. Insert the rawl plugs into the holes.

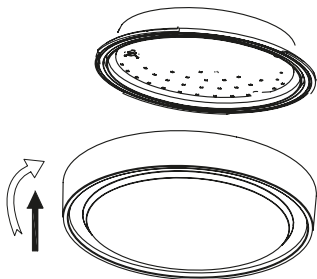
- 4.5 Pass the 230V AC 50Hz mains supply cable through the cable entry point on the back case, ensuring the grommet is used to maintain the IP rating of the luminaire.
- 4.6 Fix the luminaire to the ceiling or wall using the correct screws for the rawl plugs installed.
- 4.7 Terminate the mains supply cable into the terminal block (See section 5. Connection Diagram) ensuring correct polarity is observed and that all bare conductors are sleeved.



- 4.8 Position the hinged gear tray over the fastener, and rotate it 90 degrees so that it locks the gear tray to the back case.

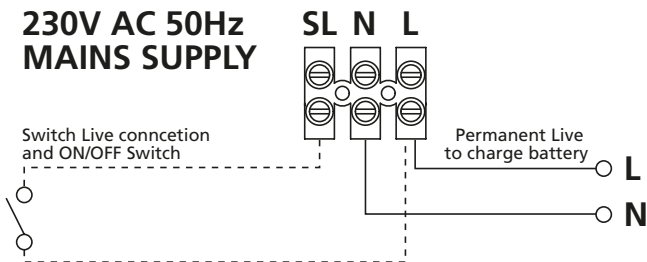


- 4.9 Reposition the bezel over the back case, and rotate it fully clockwise to secure.



## 5. Connection Diagram

- Connect the 230V AC 50Hz mains supply cable to the terminal block as follows;  
Note: You will require a Permanent Live to charge the internal battery which is used in emergency mode. A switch can also be installed (breaking the Switch Live connection) in order to turn the luminaire ON & OFF for normal operation;



Live supply (Brown or Red) L

Neutral supply (Blue or Black) N

## 6 Operation & Testing

- Turn the mains power ON to the luminaire.
- The green LED indicator will immediately turn ON confirming mains power is present, and the internal battery will begin to charge.
- Note: the internal battery will take 24 hours to fully charge.
- The Red Test button located on the top of the gear tray can be pressed to test the emergency mode. The luminaire will turn ON at 50% output whilst the button is held down. Release the button and the luminaire will turn OFF (The green LED indicator will turn OFF whilst the button is pressed, and will turn back ON when released).
- Use the ON/OFF switch that you have used to break the Switch Live, to test the luminaire for 100% output normal operation (The green LED indicator will remain ON).

## 7. Emergency Mode

- When power is cut, the luminaire automatically switch into emergency mode. The green LED indicator will turn OFF, and the luminaire will run at 50% output using the internal battery (for 3 hours when fully charged).
- Once power is restored the green LED indicator will turn ON. The battery will begin to re-charge and the luminaire will be running at 100% output when the ON/OFF switch is used.

## 3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge.

For years 2 and 3 or any difficulty in the first year, telephone the helpline on 020 8450 0515.

Note: A proof of purchase is required in all cases. For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK. All shipping costs are to be paid in advance before a replacement is sent.



If you experience problems, do not immediately return the unit to the store. Telephone the Timeguard Customer Helpline;

HELPLINE

**020 8450 0515**

or email [helpline@timeguard.com](mailto:helpline@timeguard.com)

Qualified Customer Support Co-ordinators will be on-line to assist in resolving your query.



A **theben** Group Company

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