

TIMEGUARD®

18W Round LED Slimline Emergency Light

Model: LEDMRQ18WHEM



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

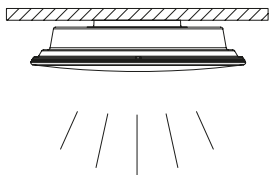
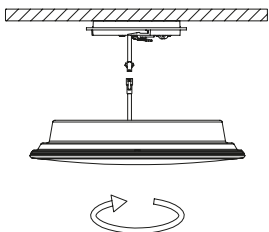
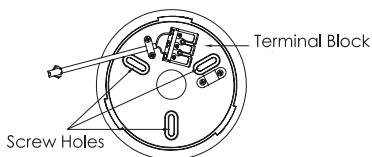
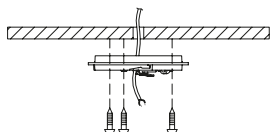
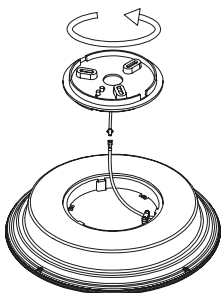
- 230V AC 50 Hz
- This luminaire is of class II construction and must not be earthed
- 18W LED Non-replaceable lamp
- Energy efficiency: Class A
- Energy Usage: 18KwH/1000H
- Lumen Output: 1680lm
- Emergency Output: 50% (752lm)
- Emergency duration: > 3 hours
- Colour Temperature: 4000K
- Operating Temperature: 0°C to +40°C
- Battery charge time: 24 hours (Non-replaceable rechargeable)
- Power Status Indicator: Green LED when mains power is ON.
- IP20 Rated suitable for internal use only
- CE Compliant
- Dimensions: 285mm diameter x 56mm
- Mounting Centres: 40mm

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.

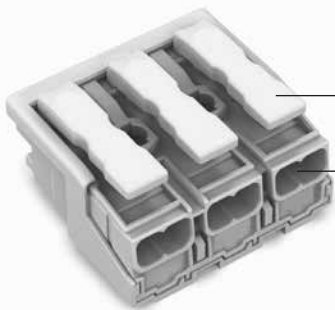
- 4.1 Ensure the mains supply is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- 4.2 Rotate the back plate anti-clockwise to unscrew, lift the back plate away from the luminaire. Carefully disconnect the 3 way plug by holding down the locking bar on one half, at the same time grip the opposite side and pull apart. This will disconnect the back plate completely.
- 4.3 Using the back plate as a template, mark the position of the mounting holes on the wall or ceiling.
- 4.4 Drill the holes for the rawl plugs 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 back plate.
- 4.6 Fix the back plate to the ceiling or wall using the correct screws for the rawl plugs installed.
- 4.7 Terminate the supply cables into the spring clamp terminal block (See section 5. Connection Diagram) ensuring correct polarity is observed and that all bare conductors are sleeved.
- 4.8 Re-connect the 3 way plug by pushing the plug and socket together until they lock. **DO NOT FORCE. THE PLUG AND SOCKET WILL ONLY FIT TOGETHER ONE WAY AROUND.**
- 4.9 Reposition the luminaire over the back plate, rotate the luminaire clockwise to screw into place and secure.

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5. Connection Diagram

- This luminaire uses a spring clamp terminal for connection as shown;

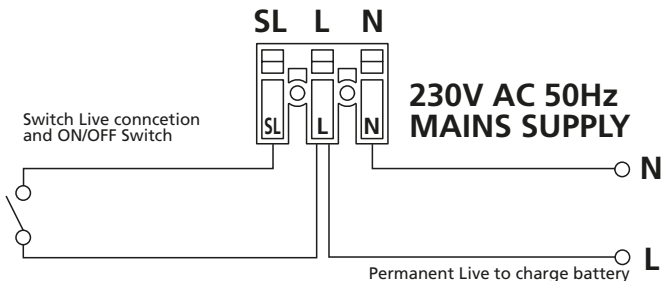


Push down the spring lever here and hold.

Insert wire and release lever to clamp into place.

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;

- Connect the 230V AC 50Hz mains supply cable to the spring clamp terminal as follows:



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230V 50Hz Mains Supply

Live Supply (Brown or Red) to	L
Neutral Supply (Blue or Black) to	N

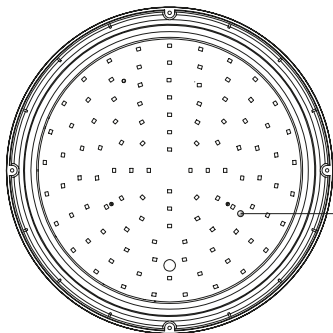
- Use the provided cable clamp to secure the mains supply cable to the back plate.

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.
- Use the ON/OFF switch that you have used to break the Switch Live, to test the luminaire for 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 full output when the ON/OFF switch is used.



LED green indicator

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

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



A **theben** Group Company

For a product brochure please contact:

Timeguard Limited.

Victory Park, 400 Edgware Road,

London NW2 6ND

Sales Office: 020 8452 1112

or email csc@timeguard.com

www.timeguard.com