

**TIMEGUARD®**

20W LED Die Cast  
Oval Bulkhead Light

Model: LEDBH020W



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.

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## 3. Technical Specifications

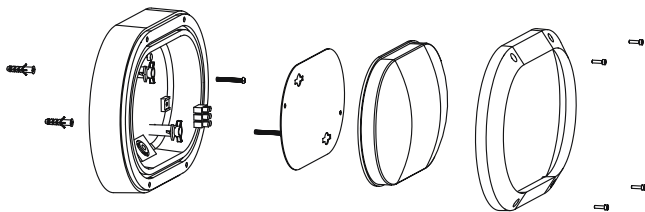
- 230V AC 50 Hz
- This luminaire is of class I construction and must be earthed
- 20W LED non replaceable lamp
- Energy efficiency Class A
- Energy Usage: 20kWh/1000H
- Power Factor: Greater or equal to 0.5
- Lumen Output: 1270lm
- Colour Temperature: 5000K
- Operating Temperature: 0°C to +40°C
- IP65 Rated suitable for restricted external applications
- CE Certified
- EC Directives: Conforms to latest directives
- Dimensions (H x W x D): 278 x 182 x 80mm
- Mounting Hole Centres: 120mm x 80mm

## Alternative bezels available in range (sold separately):-

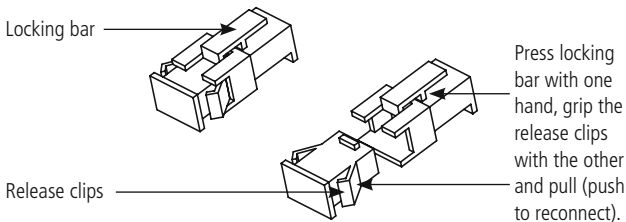
- **LEDBHO20ELB** Oval Eyelid Bezel
- **LEDBHO20GRB** Oval Grill Bezel

## 4. Installation

- Ensure that the mains supply to the circuit breaker is switched off and the circuit supply fuses are removed or the circuit breaker turned OFF.
- Remove the front of the unit by undoing the 4 Pozi screws and then remove the bezel and lens with gasket.



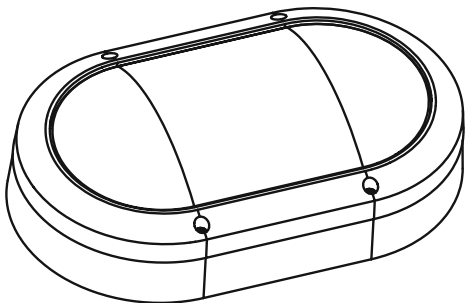
- Turn the 2 central fasteners 90 degrees so they match with the slots, this will release the gear tray.
- Carefully lift the gear tray and disconnect the 2 way plug. You can do this by holding down the locking bar on one half, at the same time grip the 2 release clips on opposite side and pull. This will disconnect the gear tray completely.



### 3

- Mark the position of the mounting holes on the wall using the unit as a template (there are provision for 4 mounting holes) 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.
- Pass the 230V 50Hz mains supply cable through the cable entry points on the wall plate, ensuring the grommet is used to maintain the IP rating of the luminaire.
- Fix the luminaire to the wall using the correct screws for the rawl plugs installed.
- Terminate the supply cable into the terminal block (See section 5. Connection Diagram) ensuring correct polarity is observed and that all bare conductors are sleeved.
- Reconnect the 2 way plug the opposite way that was used to disconnect. This can be achieved by holding down the locking bar on one half, at the same time grip the 2 release clips on opposite side and push together. This will re-connect the gear tray.
- Position the gear tray over the 2 central fasteners. Turn them both 90 degrees so they are opposite to the slots locking the gear tray to the unit.

- Reposition the lens over the unit, taking care to ensure the gasket is in place.
- Secure the lens and bezel back into place using the 4 Pozi screws previously removed at the beginning of the installation. Make sure not to overtighten.



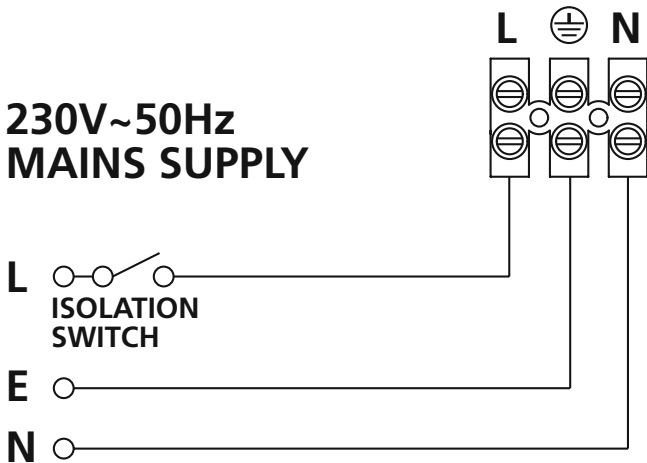
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Note: 4 Allen bolts are also supplied which can be used instead of the four Pozi screws if required. If used a 3mm Allen key is required. You are also able to change the bezel at this stage using one of the alternatives listed at the beginning of these instructions – Sold separately.

## 5. Connection Diagram

- Connect the 230V 50Hz mains supply cable to the terminal block as marked below;

**230V~50Hz  
MAINS SUPPLY**



Live (Brown or Red) to

**L**

Neutral (Blue or Black) to

**N**

Earth (Green/Yellow) to



## 6. Operation

- Turn the power to the bulkhead ON and the unit will illuminate.

## 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.

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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.



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