

# Lumineux

MAKING LIGHT WORK

## Darwell

### LED Emergency Bulkhead

### 3W



READ THESE INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION  
KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE AND LEAVE  
WITH THE END USER.

**IMPORTANT:** It is recommended that this product must be installed by a qualified electrician or competent person. The installation must comply with current building and IEE wiring regulations.

Lumineux accept no responsibility for injury, damage or loss, which may arise as a result of incorrect installation, operation or maintenance.

The product requires an un-switched supply for charging the battery and a switched supply for maintained operation.

#### GENERAL:

This lighting fixture is designed for permanent connection to fixed wiring which must have suitable circuit protection by the means of the appropriate MCB or fuse.

The product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and masonry. It is not suitable for highly flammable surfaces such as polystyrene or textiles.

LED Chips can be susceptible to damage by vapours, gases, etc emitted by other materials, especially rubber, which can cause a reduction in light output performance.

Therefore DO NOT introduce any parts such as alternative grommets etc. to the inside of this fixture, other than what has been provided. Failing to observe this and any damage caused thereby, may invalidate the warranty.

#### MAINTENANCE:

To avoid personal injury or damage to equipment, disconnect the power to the light fitting before conducting any maintenance

**WARNING:** No user serviceable parts inside of the fixture, risk of electric shock.

Clean the lens periodically as needed to ensure continued light output performance. Clean only with non-abrasive cloth and mild detergent if required.

#### WARRANTY:

This luminaire is warranted for a period of 3 years from the date of purchase. The backup battery pack in the emergency version is warranted for a period of 12 months. The warranty could be invalidated should the light fitting not be installed according to these instructions, outside the scope of the specification or the product has been altered or tampered with in any way. Please see website for terms and conditions.

#### DISPOSAL:

The light source of this unit is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

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. Please recycle where facilities exist or check with your Local Authority. RoHS – All components and materials used in this product are RoHS 2002/95/EC compliant.

\*Specifications may change from time to time. The information contained in this leaflet is for guidance only and should not be considered as always accurate and should be treated as not representative.

#### UNPACKING:

This lighting fixture has been properly packed to avoid damage during transit. Before commencing with the installation carefully inspect the luminaire to confirm there is no damage. DO NOT INSTALL if any damage has occurred to the fixture or any of its components.



#### INSTALLATION:



**WARNING:** Risk of electric shock! Isolate the mains power before proceeding.

1. Remove the two front screws and lift off diffuser.
2. Press the two tabs on the hinged gear-tray and lift to reveal the components underneath.
3. Open your selected cable entry and feed mains cable through. Use the required IP rated gland to ensure that IP rating is maintained
4. Connect the cables to the terminal block as shown in the diagram overleaf.
5. For Non-Maintained operation, do not connect to the Switched Live terminal.
6. Connect the battery.
7. Return the gear-tray back into position ensuring no cables are trapped and the locking tabs engaged.
8. Refit the cover.
9. Fit the screws back into the diffuser making a water tight seal.

#### OPERATION MODES:

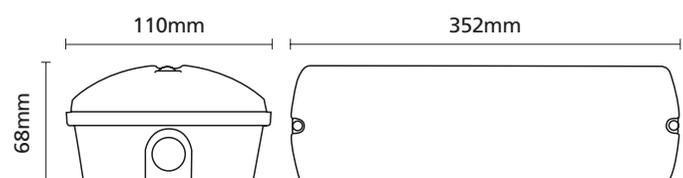
To use the luminaire in maintained mode of operation keep the connected wire link and connect the mains supply to the PERMENANT LIVE (L) and NEUTRAL (N) connections.

For non-maintained operation remove the wire link and connect the mains supply to the PERMENANT LIVE (L), NEUTRAL (N) and SWICHED LIVE (LS) as required.

#### SPECIFICATION:

Series	<b>Darwell</b>
Input Voltage	<b>220-240V AC 50Hz</b>
Emergency Duration	<b>3 Hours</b>
Battery	<b>3.6V Ni-cd battery</b>
Ingress Protection	<b>IP65</b>
Colour Temperature	<b>6000K</b>
Operating Temperature	<b>0°C to +30°C</b>
Watts	<b>3W</b>

#### DIMENSIONS

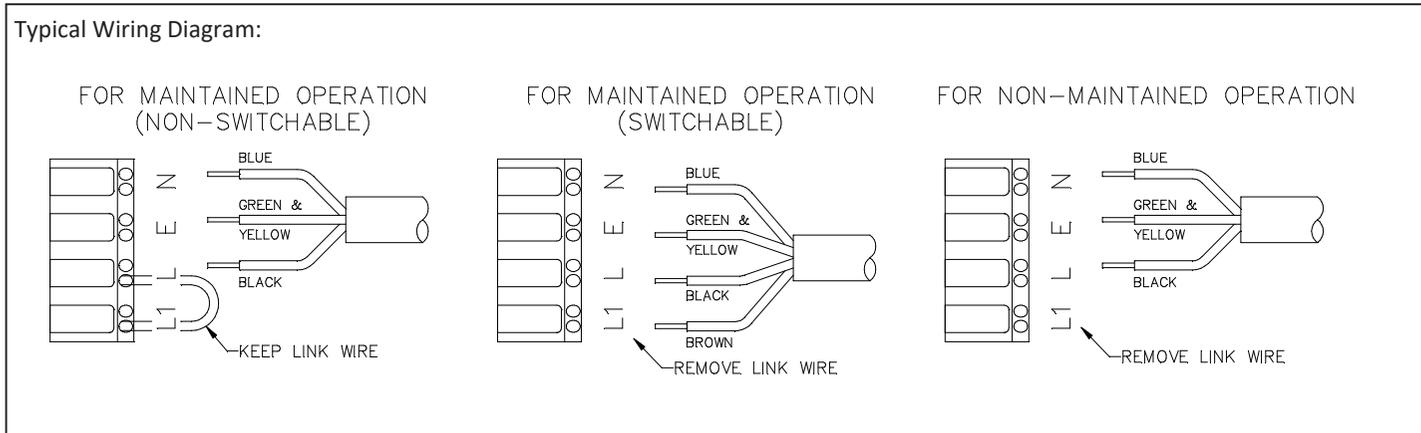


**RECESSED MOUNT KIT INSTALLATION –**

1. Prepare ceiling by cutting suitable size aperture. We recommend 360mm x 110mm.
2. Bend springs up to vertical & push the back of the frame up through aperture, then allow the springs to snap back against the top of the ceiling to retain.
3. Drill out the two fixing points at 240mm centres in the base of the luminaire & then secure the base to the frame using 2-off M4 screws aligned with the tapped holes on the brackets of the frame.
4. Other installation details as per LUMINAIRE INSTALLATION section above.

**DROP DOWN ATTACHMENT INSTALLATION –**

1. Remove the standard diffuser on the main product by undoing the two screws.
2. Install the Drop Down Attachment on the main luminaire body & secure using the two screws.
3. Apply the required emergency legends (supplied with the attachment) to both sides of the attachment.



**Testing & Commissioning:**

- Ensure the power is connected.
- Connect the battery.
- Switch on the Un-switched Supply - Check the Charge LED illuminates.
- Switch off the Un-switched Supply - Check the Charge LED extinguishes and the load LED illuminates.
- Switch on the Un-switched Supply

Installation Engineers contact details:		Luminaire Reference \ Location	
Name:		Tel:	

Luminaire Details:-	Full Recharge Duration 24 Hours	Emergency Duration 3 Hours	Lamp Type—LED
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ROUTINE TEST RECORD										
	Year 1		Year 2		Year 3		Year 4		Year 5	
	Signed	Date								
Monthly Test										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										

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