# TWS IP65 L7 Installation

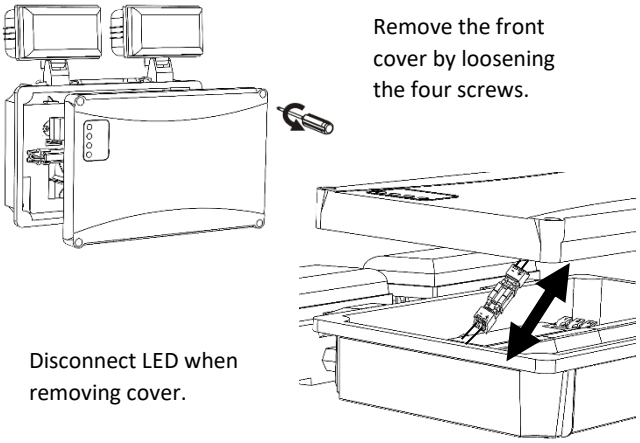
220-240V / 50-60Hz
IP65 IK08

**Terminal Labelling:**

| | |
|---|---|
| **Power** | |
| L1 | Switched Live |
| E / ⏚ | Earth |
| N | Neutral |
| **Emergency** | |
| L2 | Unswitched Live |
| DA/AT3 | DALI Autotest |
| DA/AT3 | DALI Autotest |
| **Dimming** | |
| DA+/D2 | Analogue/DSI/DALI |
| DA-/D1 | Analogue/DSI/DALI |
| L3 | Switch Dim / Corridor Function |

**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. **LUMINAIRES WITH EMERGENCY PACK**: When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries. Lithium iron phosphate batteries must be replaced with identical make and model.

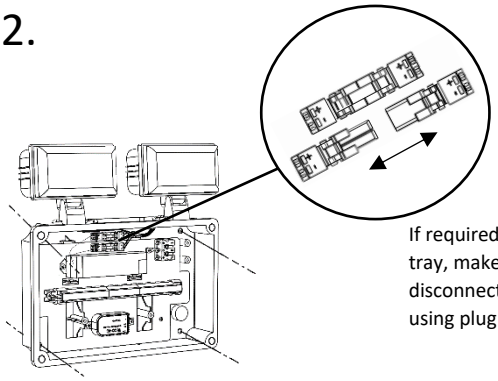
1.



Remove the front cover by loosening the four screws.

Disconnect LED when removing cover.

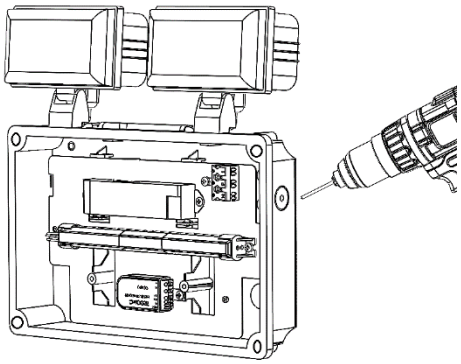
2.



If required to remove gear tray, make sure to disconnect lamp head using plug and socket.

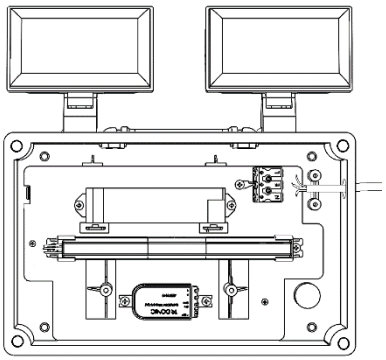
Drill out the four fixing points on the back face. Ensure the fixings are adequately sealed in order to maintain the IP65 rating. Secure the luminaire with four screws.

3.



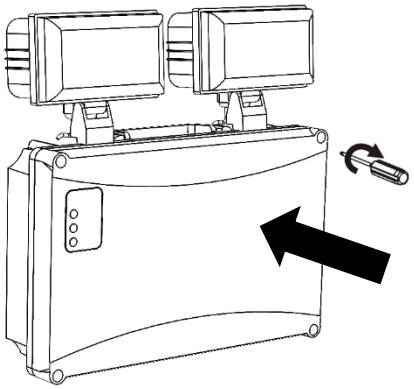
Drill the cable entry point on the side wall. Ensure the provided cable gland is fitted, to maintain the IP65 rating.

4.



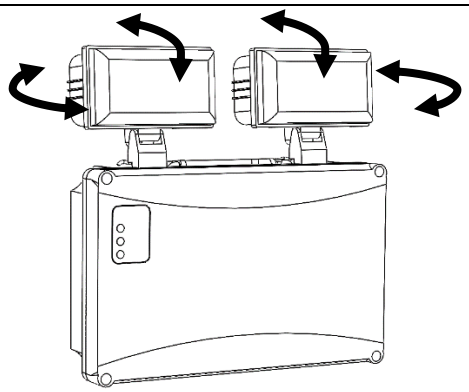
Pass the cable through the cable gland, and wire directly into the terminal block. Secure the mains cable using the internal cable clamp.

5.



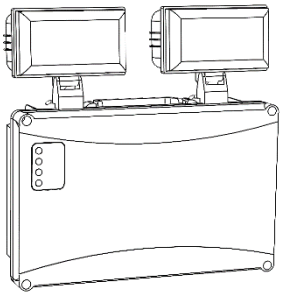
Refit the cover to the body, and secure in place using the four screws.

6.



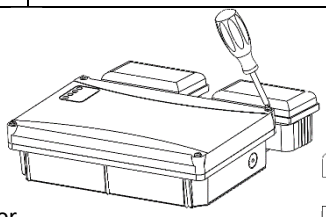
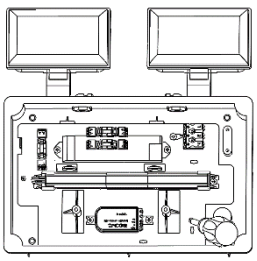
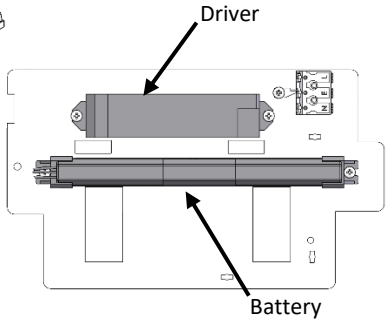
Rotate the heads to the desired position by loosening the screws accordingly. Be sure to tighten the screws once positioned, to hold them in place.

7.



Do **NOT** cover the luminaire in any way and provide sufficient ventilation.

Installation is now complete.

Maintenance

1. Disconnect luminaire before undertaking any maintenance or cleaning.
2. Cleaning should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.
3. To access fitting use a pan pozi screwdriver to remove x4 screws from front cover.
4. Using a pan pozi screwdriver remove x2 screws to remove gear tray.
5. Please contact Dextra for assistance with spare component supply.