

Forteco Installation Guide

220-240V / 50-60Hz

IP65 IK10

INTERNAL USE ONLY

Terminal Labelling:

Power

L1 Switched Live
E Earth
N Neutral

Emergency

L2 Unswitched Live
DA/AT3 DALI Autotest
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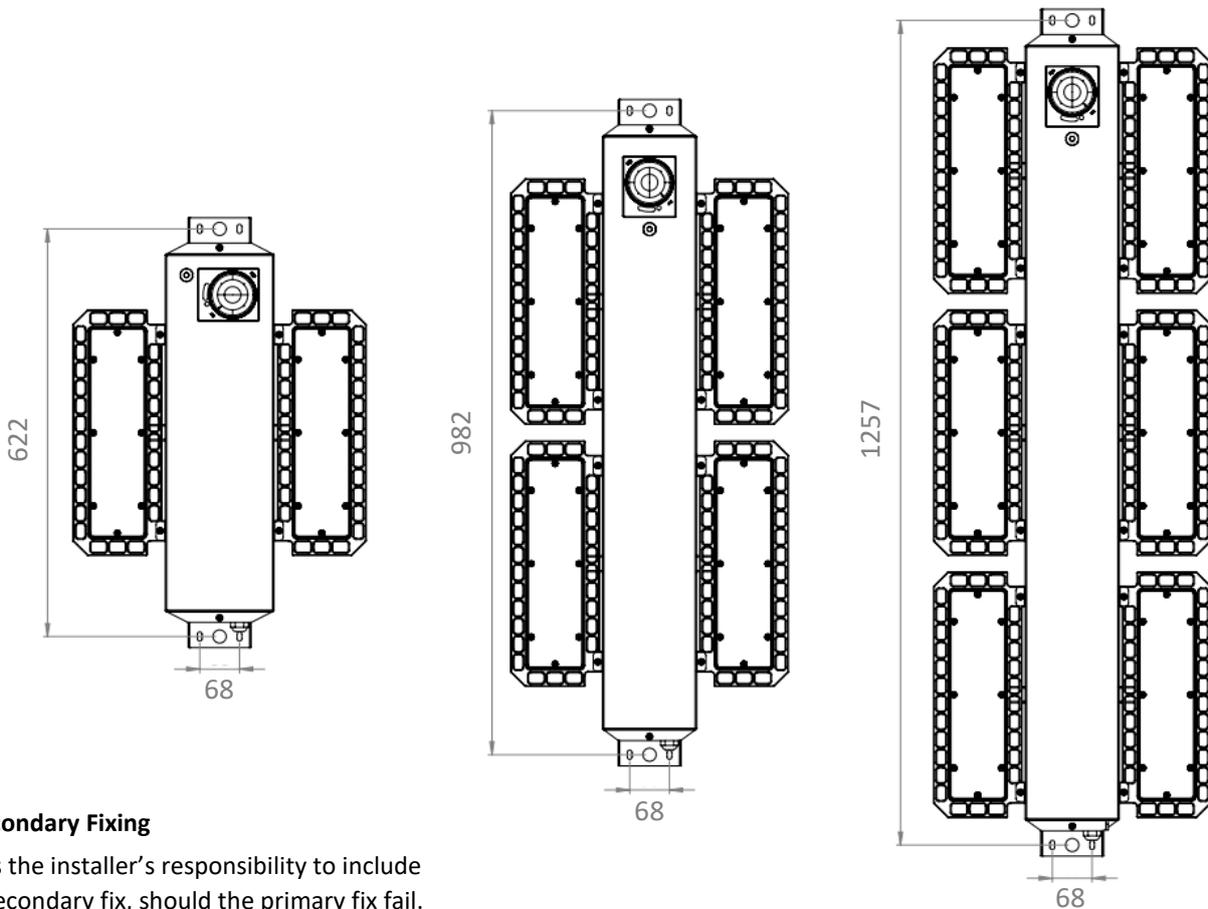
Dimming

-D1/DA Analogue/DSI/DALI
+D2/DA 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.

Dimensions



Secondary Fixing

It is the installer's responsibility to include a secondary fix, should the primary fix fail.

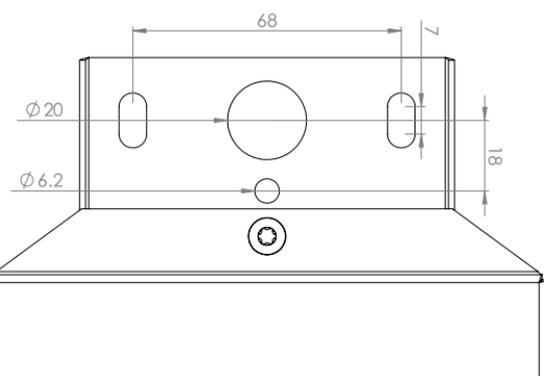
Weight

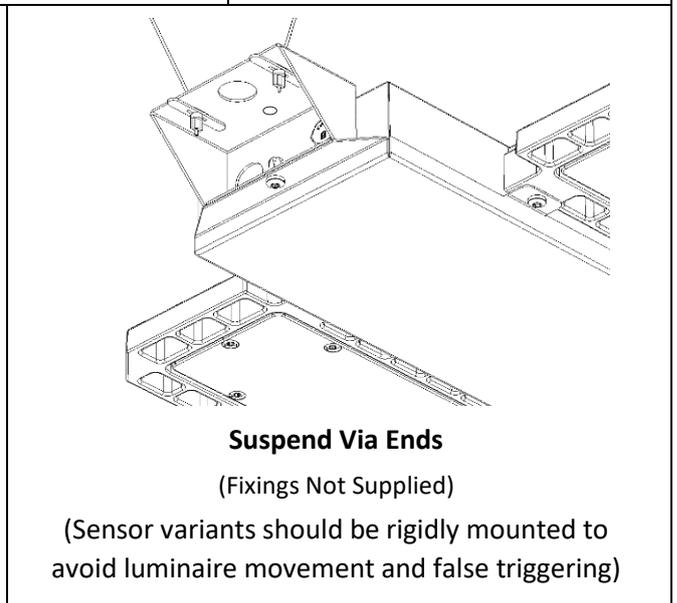
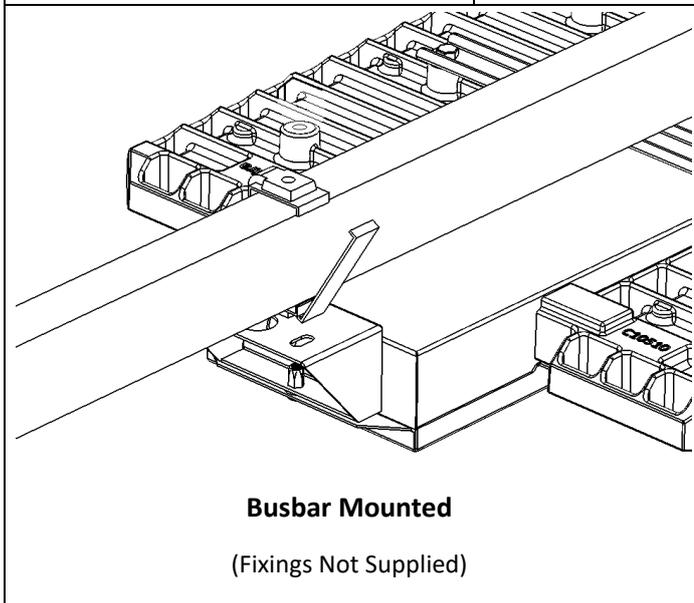
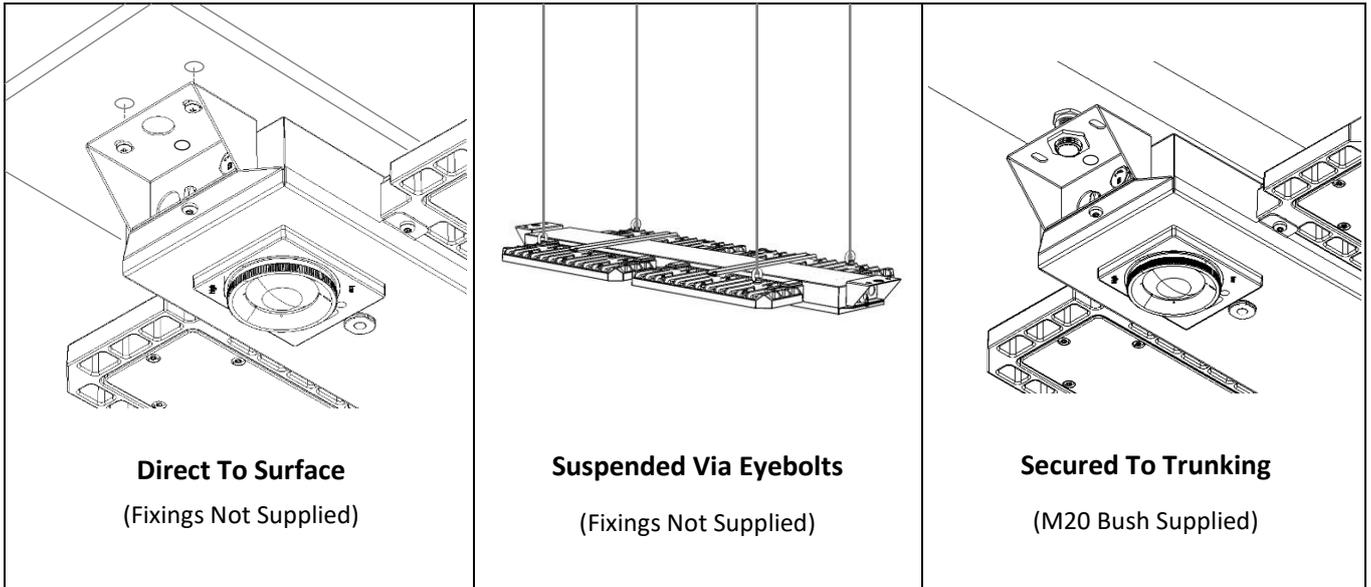
2 Card: 5 - 7KG

4 Card: 10 - 12KG

6 Card: 15 - 17KG

Mount Bracket Dimensions



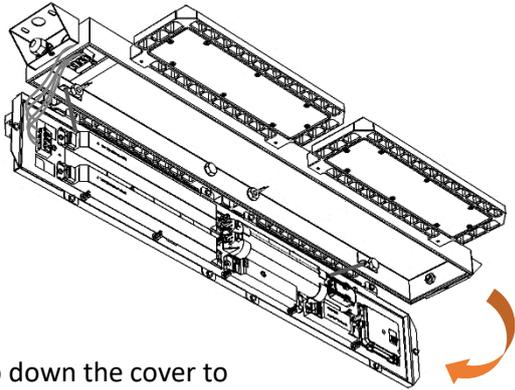


1. Loosen all the T25 screws enough so the cover can be removed. There is no need to remove the screws entirely.

If working in a moisture prone environment, use pressurised air to blow out any liquids around the lip before revealing internal gear.

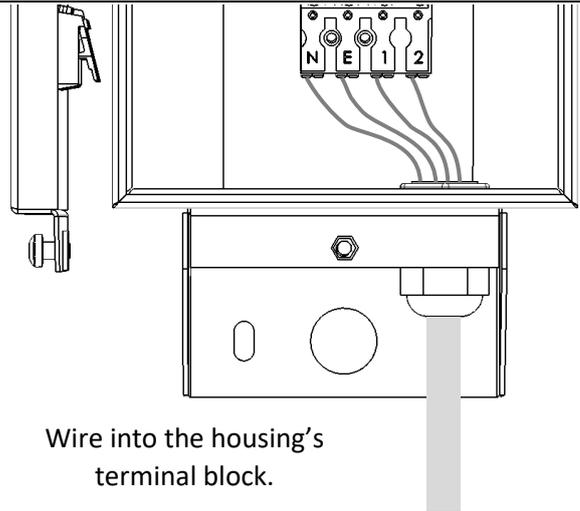
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2.



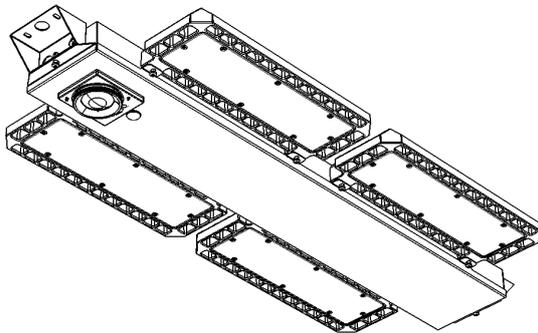
Flip down the cover to reveal the internal gear.

3.



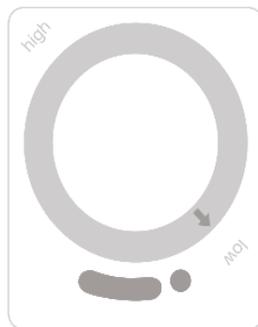
Wire into the housing's terminal block.

4.

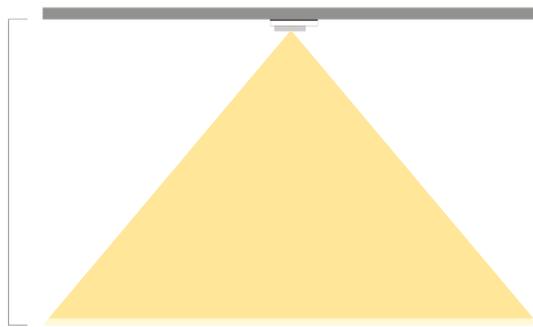


Refit the cover and secure with screws ensuring no wires are trapped, as this may damage wiring or compromise the IP rating.

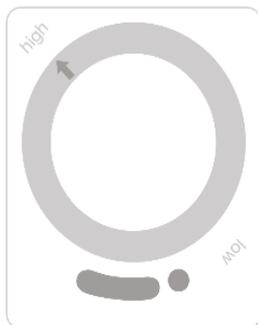
RC18 Sensor



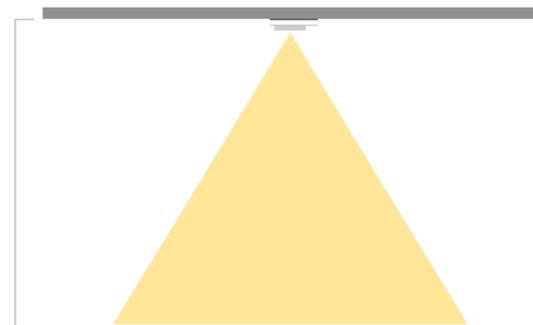
<12m



Rotate dial to adjust sensor height.

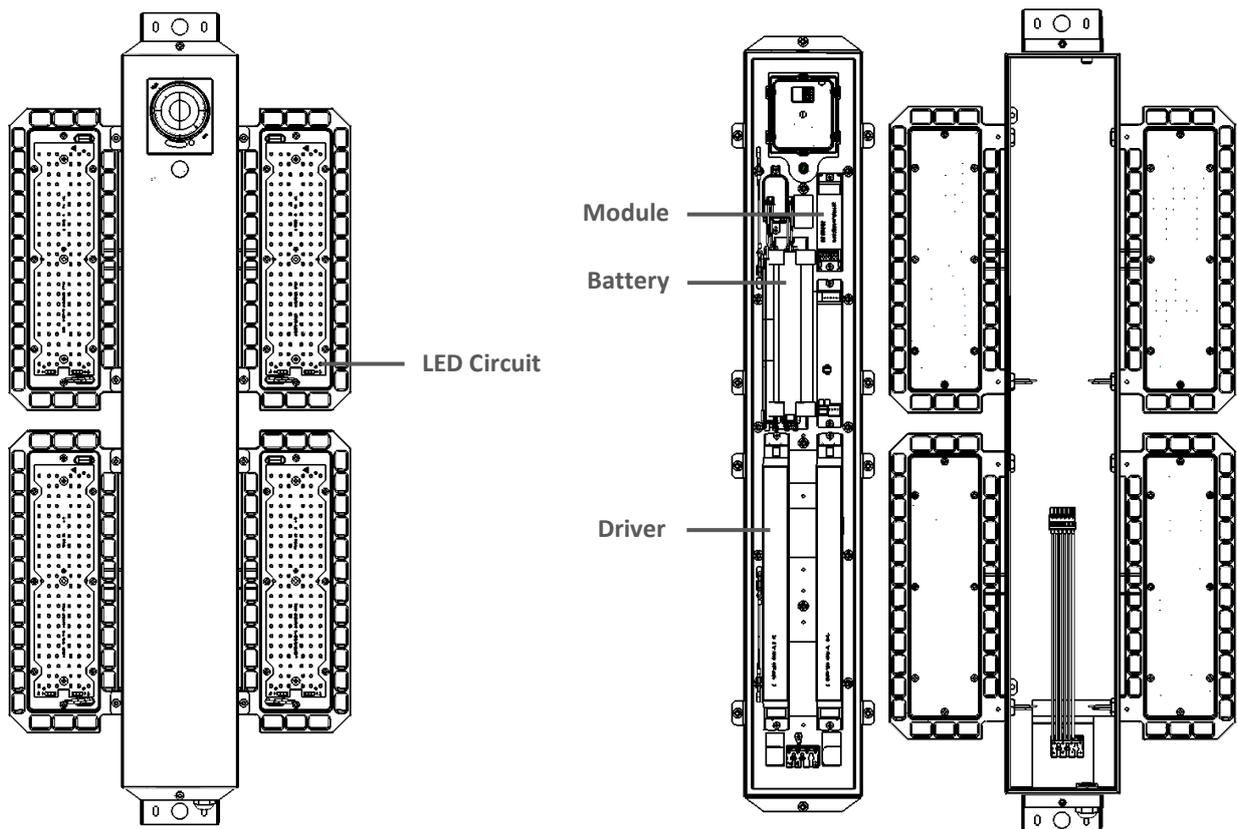


12 – 18m



Maintenance

1. Disconnect the 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. Follow Installation steps 2 & 3 to access internal gear. Note that tether clips will be fastened between the gear tray and housing. These may be temporarily released for ease of maintenance but must be refastened.
4. To remove the components, use a PZ2 screwdriver.
5. To access the LED circuits, use a T20 head screwdriver to remove all the screws on the lenses, then remove the lenses themselves. Ensure the Thermal Interface is refitted before reassembling the LED optic.
6. Note: When removing either the front cover or any lenses to gain access to the LED circuit or components, ensure no wires are trapped in the gaskets, and allow for ample drying time if the fitting is in an area exposed to water. Alternatively, blow any contaminants out with pressurized air.
7. Please contact Dextra for assistance with spare component supply.



Please note that component positions may vary,
depending on product length / no. of cards.