

Forteco Remote Installation Guide

220-240V / 50-60Hz

IP65 IK10

Terminal Labelling:

Power

L1 Switched Live
 E Earth
 N Neutral

Emergency

L2 Unswitched Live
 DA/AT3 DALI Autotest
 DA/AT3 DALI Autotest

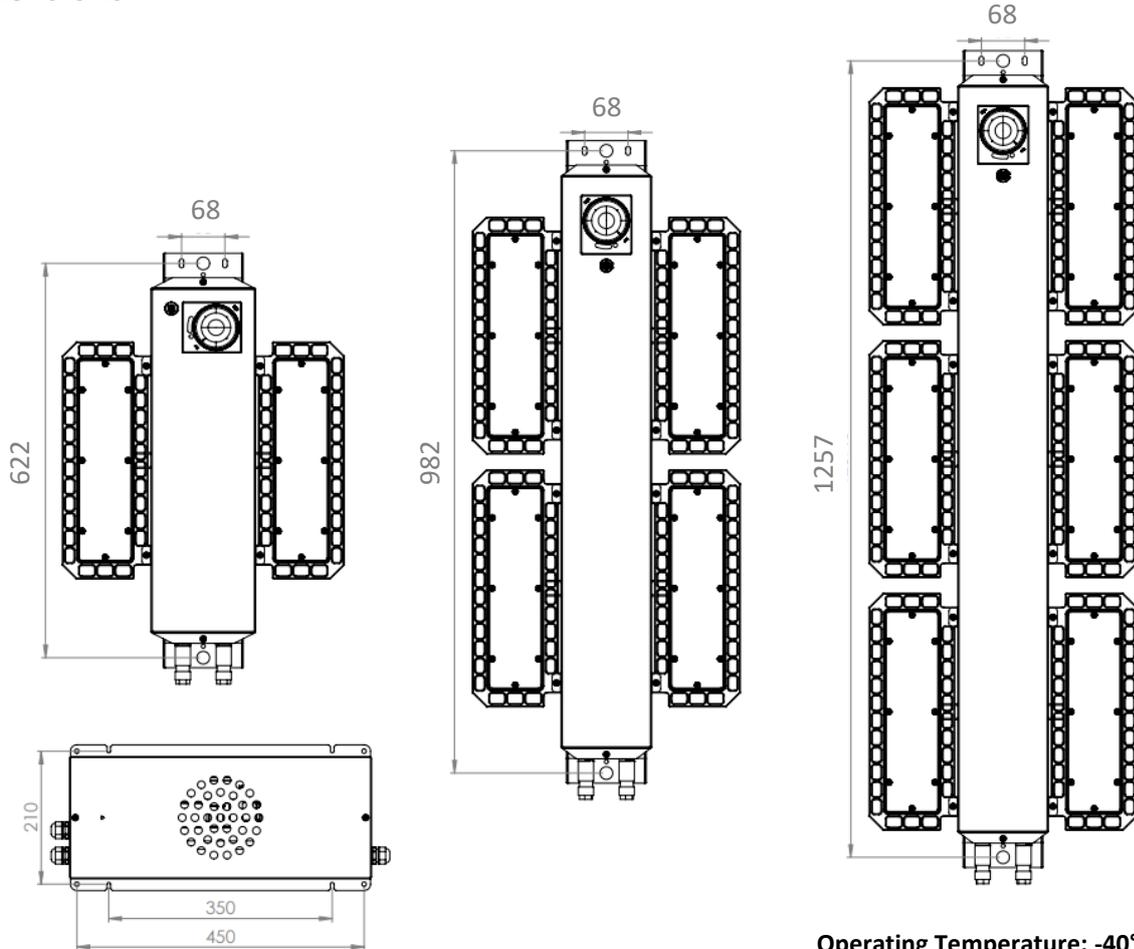
Dimming

-/D1/DA Analogue/DSI/DALI
 +/D2/DA Analogue/DSI/DALI
 L3 Switch Dim / Corridor Funct



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



Operating Temperature: -40°C to +25°C

Weight

2 Card: 5 - 7KG

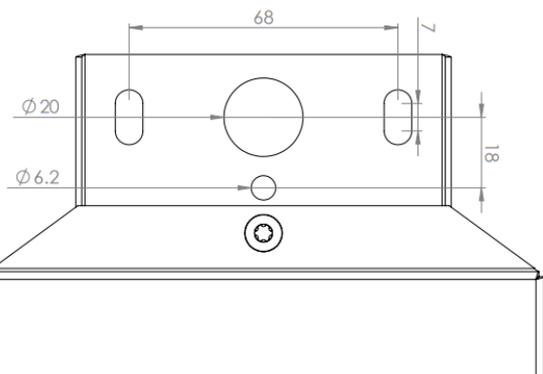
4 Card: 10 - 12KG

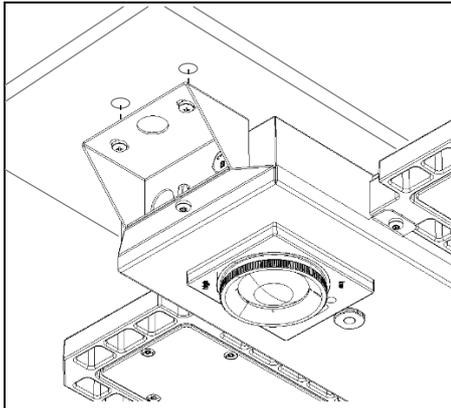
6 Card: 15 - 17KG

Secondary Fixing

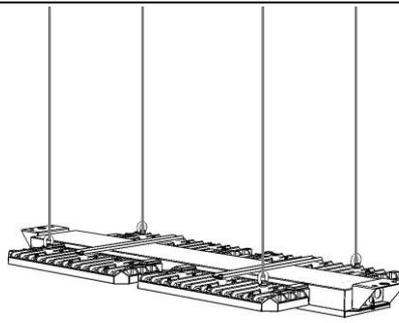
It is the installer's responsibility to include a secondary fix, should the primary fix fail.

Mount Bracket Dimensions

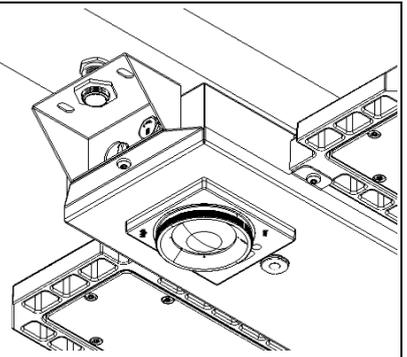




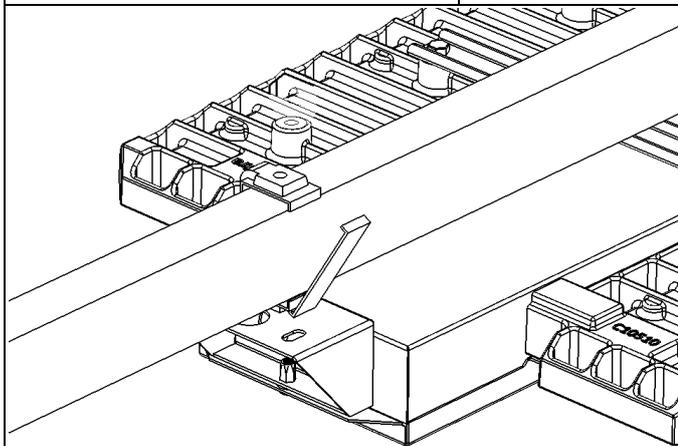
Direct To Surface
(Fixings Not Supplied)



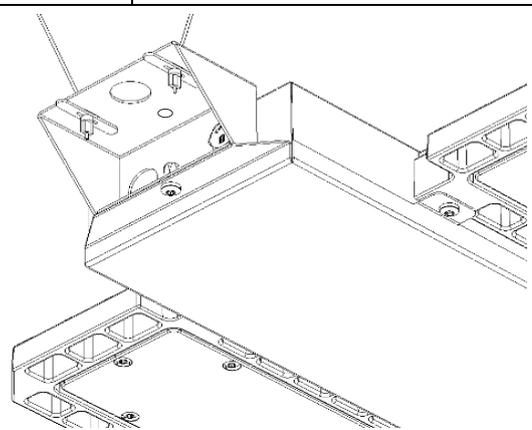
Suspended Via Eyebolts
(Fixings Not Supplied)



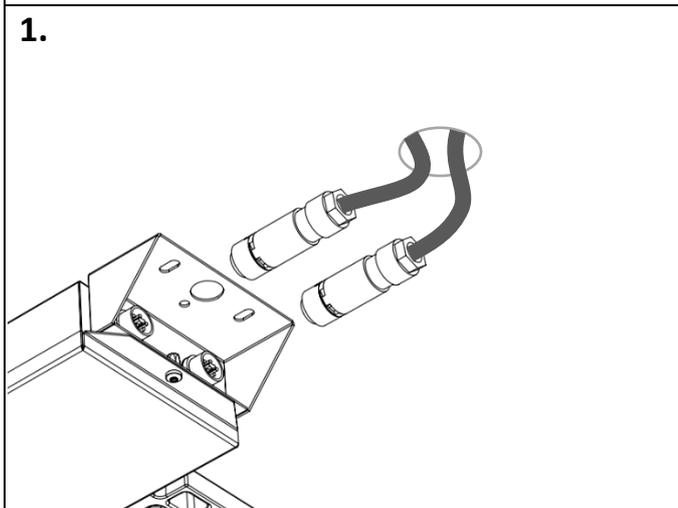
Secured To Trunking
(M20 Bush Supplied)



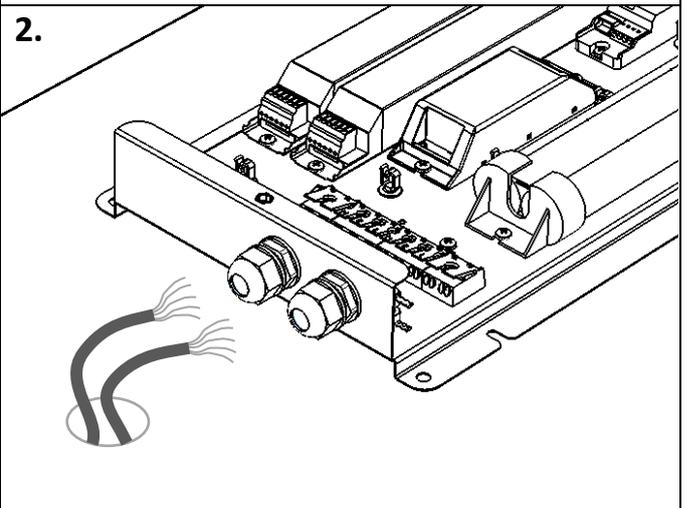
Busbar Mounted
(Fixings Not Supplied)



Suspend Via Ends
(Fixings Not Supplied)
(Sensor variants should be rigidly mounted to avoid luminaire movement and false triggering)

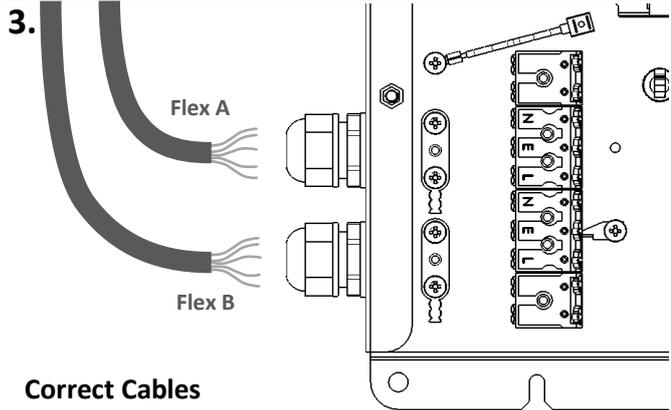


Arctic Cables
Feed the cables up through the conduit, then connect to the panel mounts on the fitting.



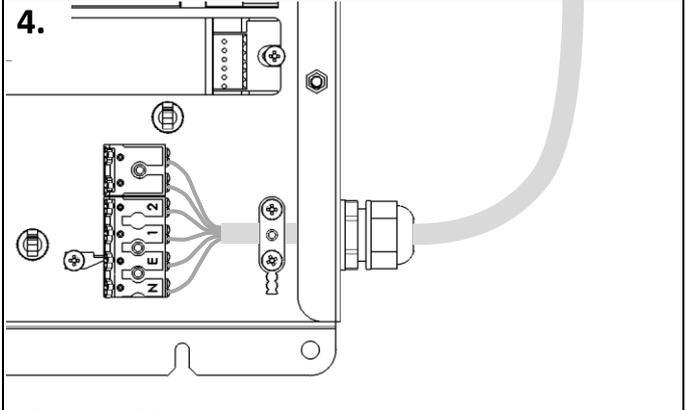
Connect To Remote Box
Remove the remote box lid and wire in the cables, ensuring the cable restraints are used.

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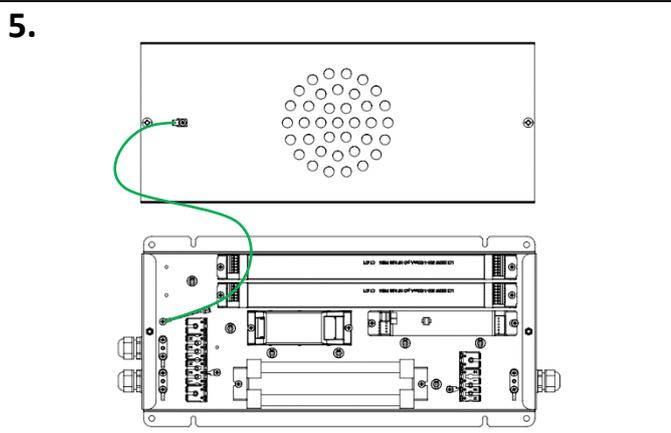
Correct Cables

Read the labels on both cables, and connect them to their matching terminals.



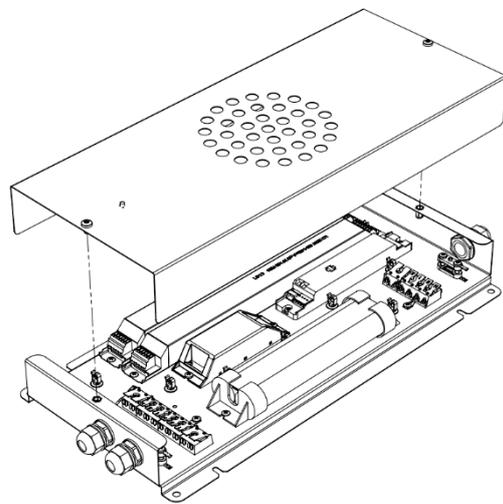
Connect Main Feed

Wire in the main feed and secure with cable clamp.



Refit Remote Box Lid

Ensure the Earth lead is connected and refit the lid.

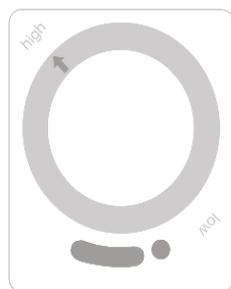
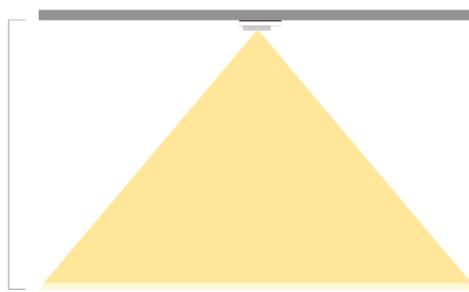


MS18 / RC18 Sensor

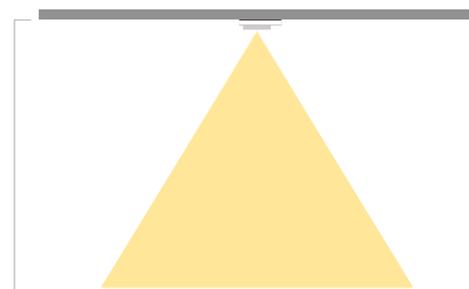
Rotate dial to adjust sensor height.



<12m

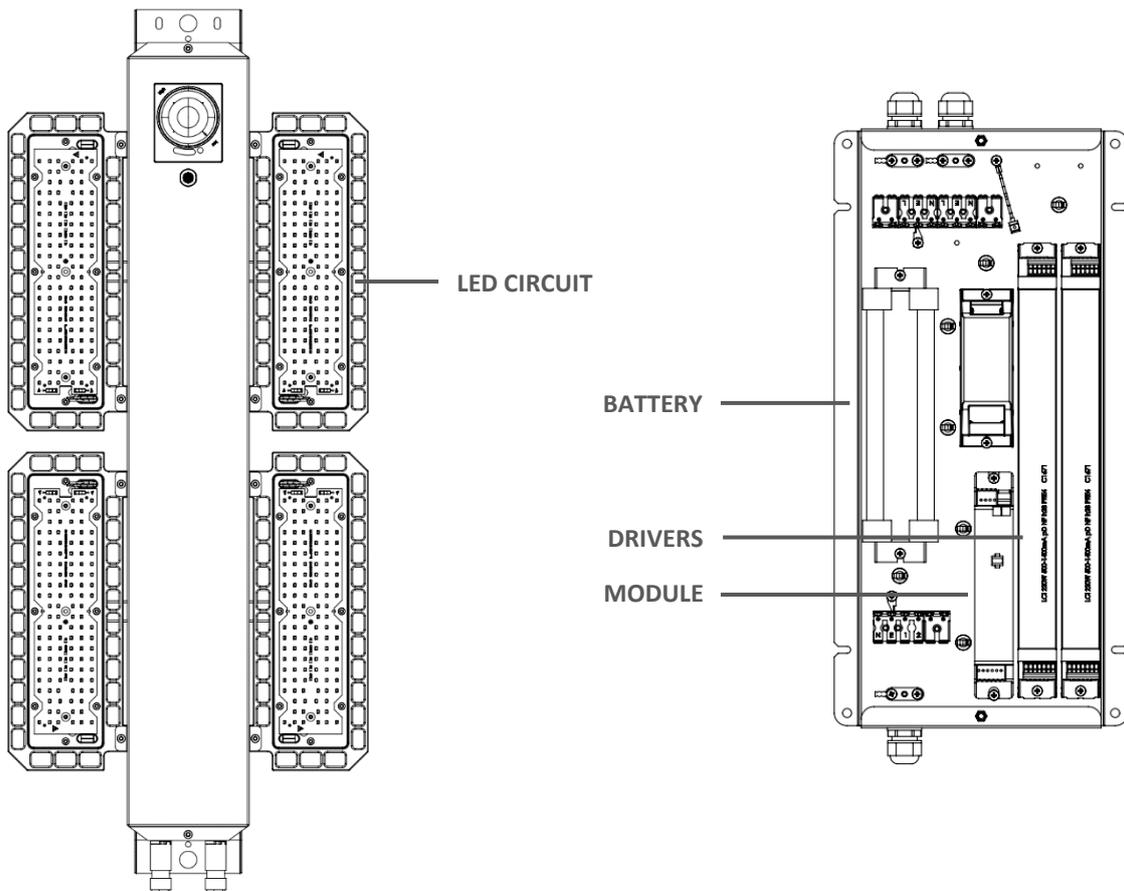


12 – 18m



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. Loosen both T25 screws to access remote gear. To access the sensor or E3 Indicator, loosen all the T25 screws on the cover. 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.