

Runway Wall Mounted Installation

220-240V / 50-60Hz

IP20

Terminal Labelling:

Power

L1 Switched Live
E Earth
N Neutral

Emergency

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

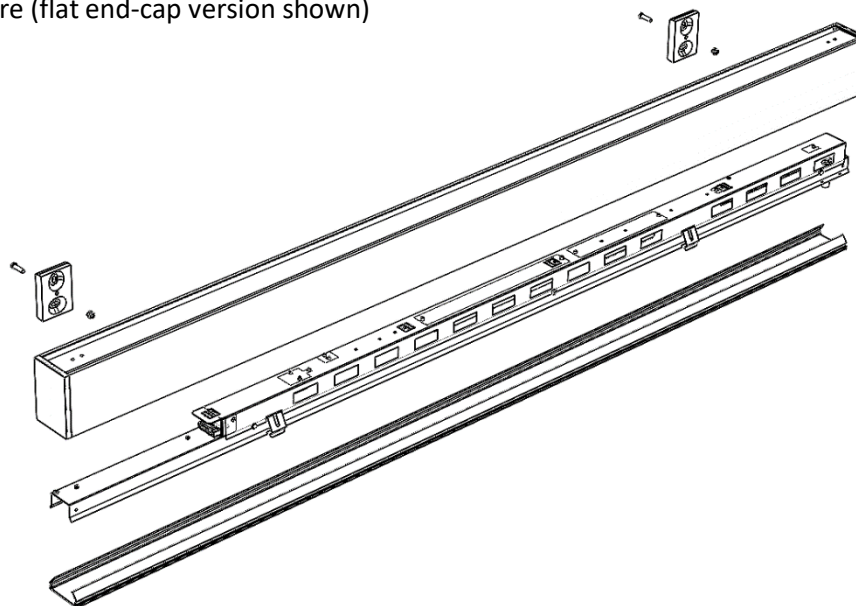
Dimming

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



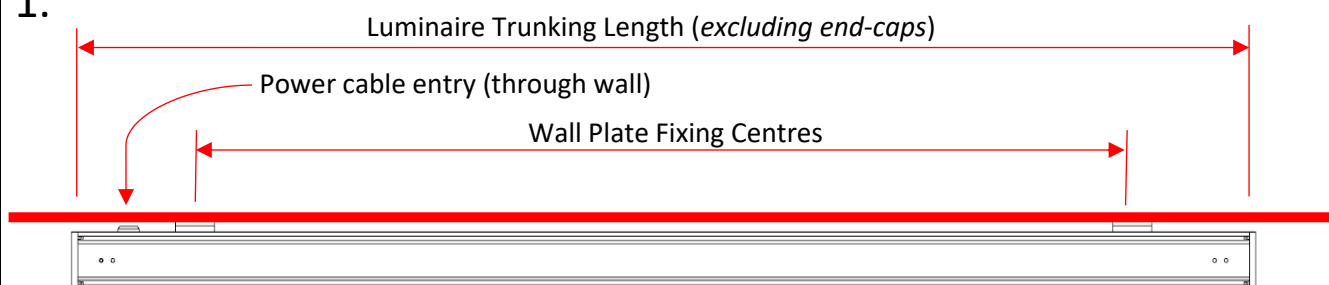
WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to 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.

Standalone Luminaire (flat end-cap version shown)



Remove diffuser and geartray before installation.

1.



LUMINAIRE	TRUNKING	FIXING CTRS	FIXING PLATES
RWF10/RWC10	1000mm	700mm	2
RWF12/RWC12	1250mm	950mm	2
RWF15/RWC15	1500mm	1200mm	2
RWF17/RWC17	1750mm	1450mm	2
RWF20/RWC20	2000mm	1700mm	2
RWF30/RWC30	3000mm	1350mm	3*
RWF40/RWC40	4000mm	1850mm	3*

Set out the fixing plate positions on the wall and drill a hole through the wall for the power cable.

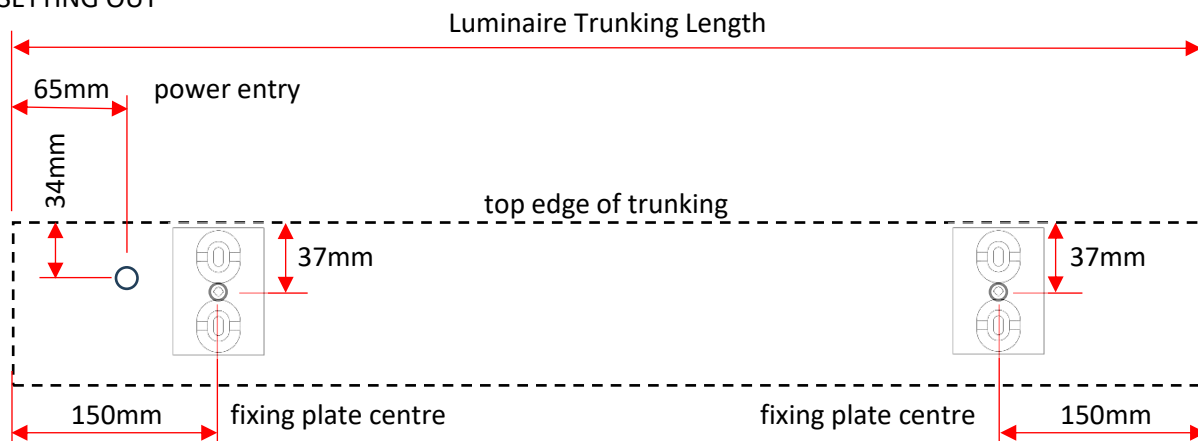
NB:

*Where 3 fixing plates are used, one is on the centre line, the others are spaced 150mm from each end.

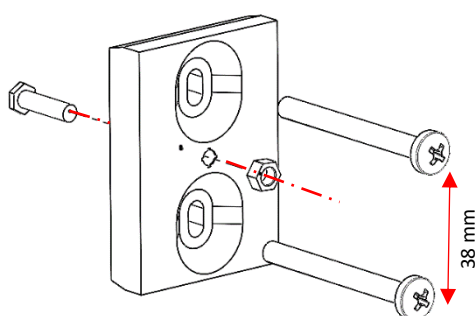
RWF luminaires: add 16 mm to trunking length to include flat end-caps

RWC luminaires: add 65mm to trunking length to include curved end-caps

2. SETTING OUT

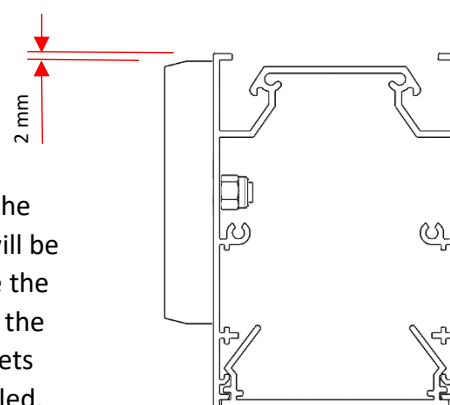


3.



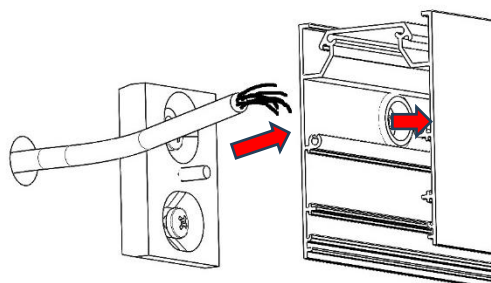
Ensure the M5 bolt is inserted in the fixing bracket before screwing to the wall. Use appropriate screws and wall plugs for the mounting surface.

4.



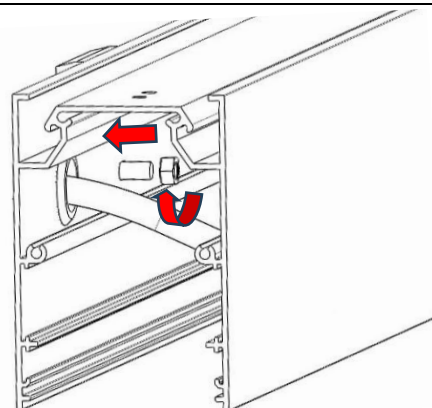
The top of the luminaire will be 2mm above the top edge of the fixing brackets when installed.

5.



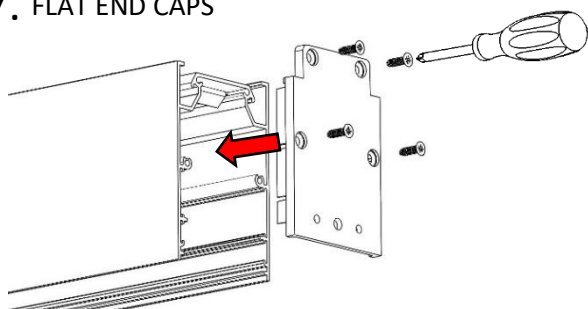
Feed mains cable through grommet in trunking before locating onto brackets.

6.



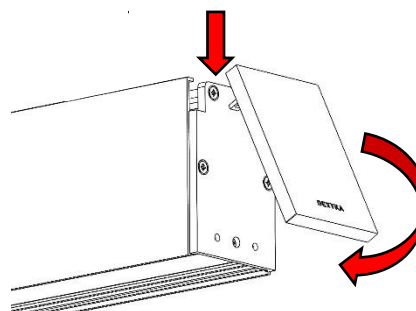
Locate trunking onto both fixing bracket bolts and tighten nuts using a socket wrench.

7. FLAT END CAPS



Screw the plastic inner end cap on to the end of the trunking section.

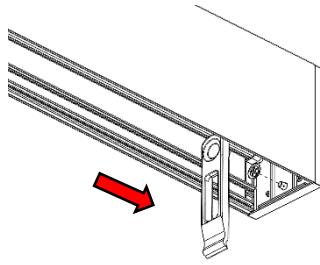
8.



Hook the metal end cap over the top of the inner end cap and press the two parts together.

Runway Wall Mounted Installation

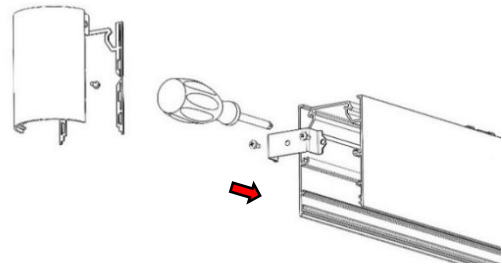
9.



Secure outer end caps in place with push-on locking washer, using the plastic insertion tool provided.

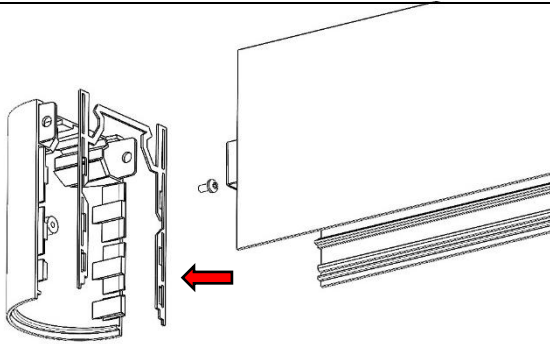
10.

CURVED END CAPS



Use a pozidrive screwdriver to secure the mounting bracket to the trunking with self-tapping screws.

11.

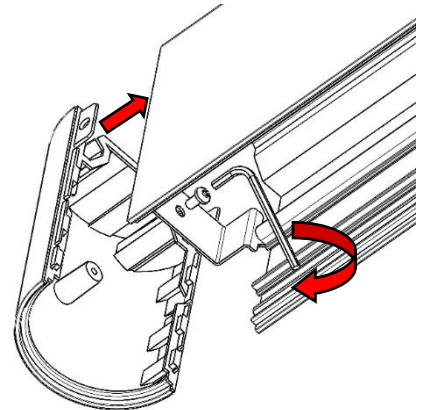


Place the rubber gasket over the tabs on the end cap.

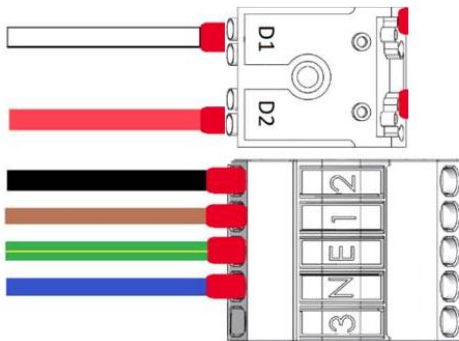
12.

Push the end cap into the trunking, taking care to engage the gasket.

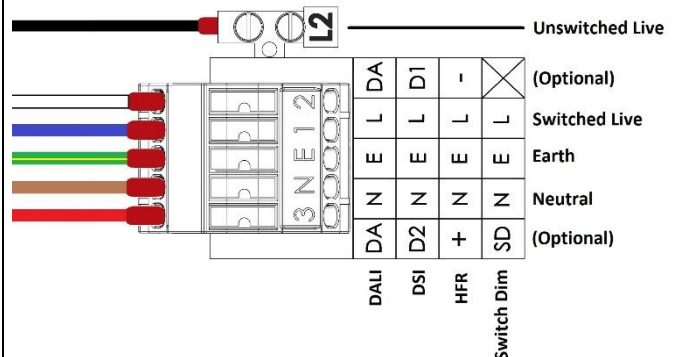
Fasten end cap with the M3 Torx screw.



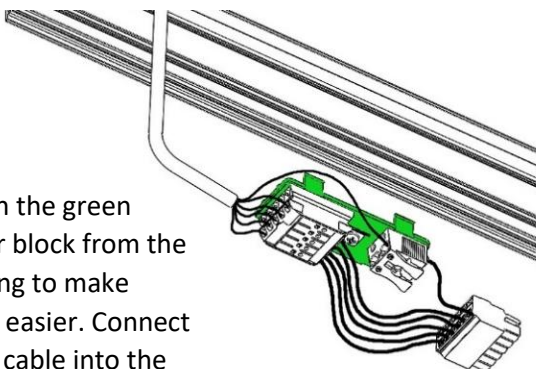
13.



14.

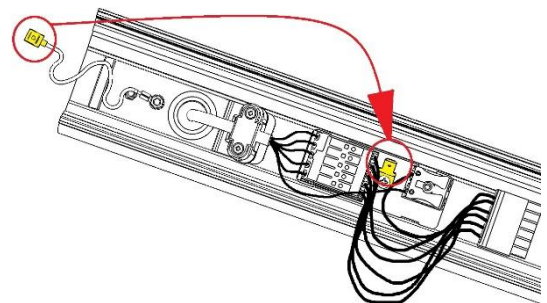


15.

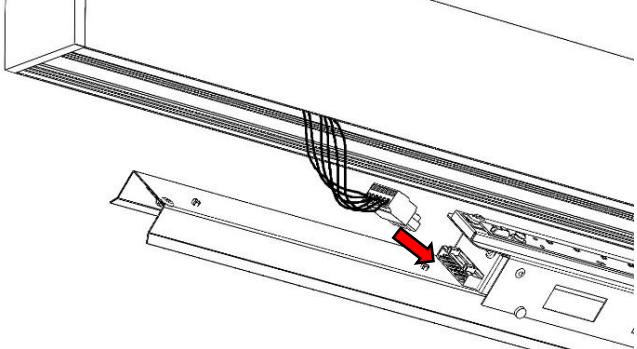
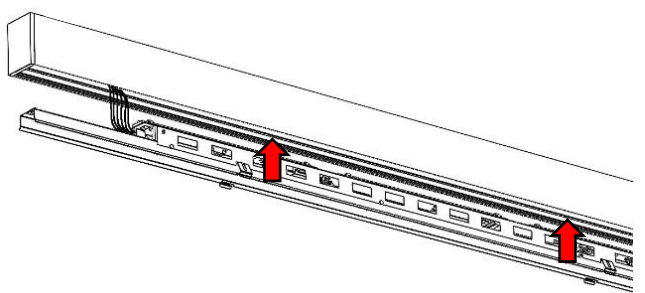
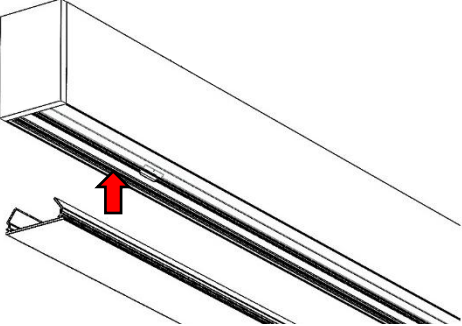
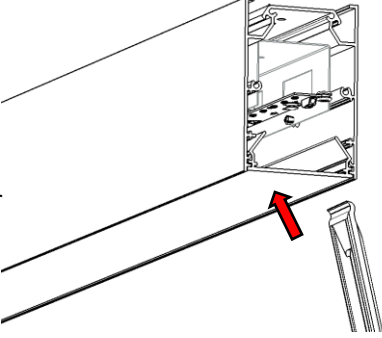
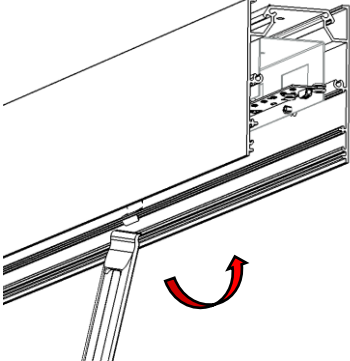


Detach the green starter block from the trunking to make wiring easier. Connect mains cable into the marked terminals as required.

16.

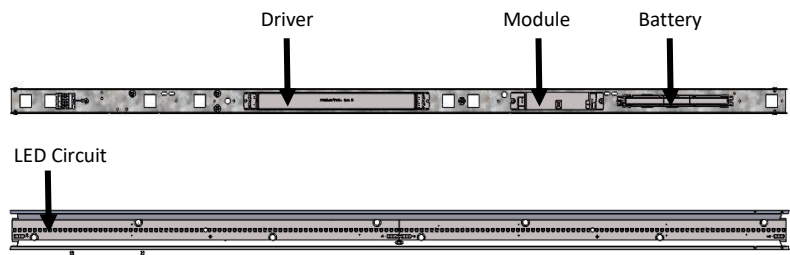


Clamp the mains cable in the cord grip and clip the starter block back into the trunking.

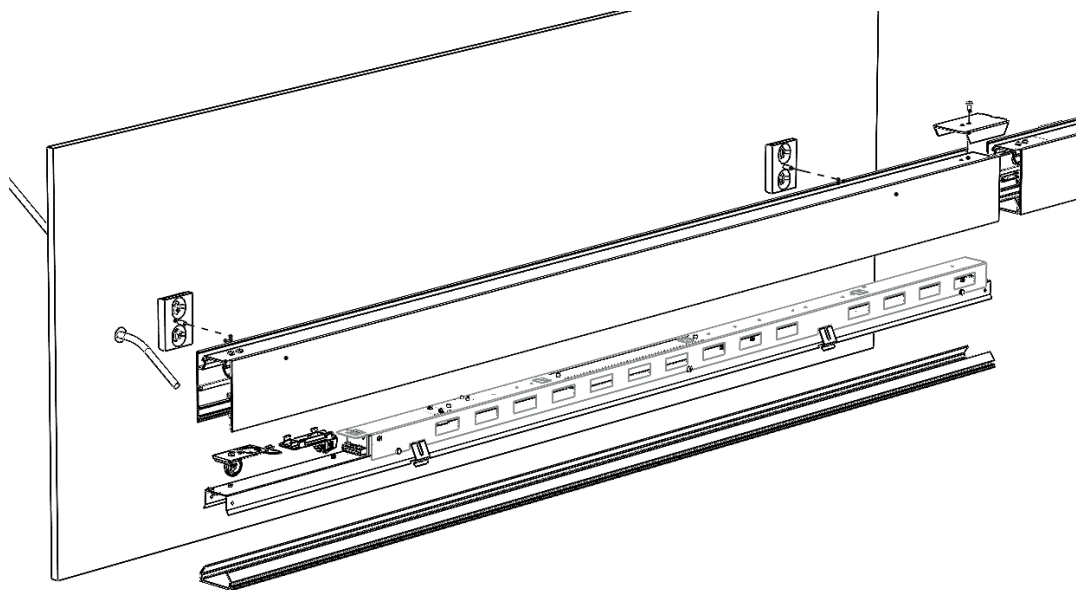
 Offer up the geartray and connect the starter loom plug to the socket on the tray.	18.  Install the geartray until both spring-clips engage in the trunking. Take care not to trap any wires.
19.  Wearing protective gloves, snap the diffusers into the trunking, ensuring there are no marks or dust.	20. To remove diffuser, insert tool provided or plastic blade between trunking and diffuser to lever open, then pull down. 
21.  To remove gear tray, use tool provided to lever open each spring-clip in stages, then pull down.	

22. Maintenance – always disconnect luminaire before undertaking any maintenance or cleaning.

- 1 Cleaning should only be undertaken on external parts of the luminaire, using a slightly damp, lint-free cloth.
- 2 Use a flat headed screwdriver to gently open diffuser. Start at centre and pull down towards ends.
- 3 Remove geartray from housing using a flat screwdriver to release clips.
- 4 Remove plastic rivets to separate the two geartray sections.
- 5 Use a pozidrive screwdriver to remove components.
- 6 Contact Dextra for assistance with spare component supply.

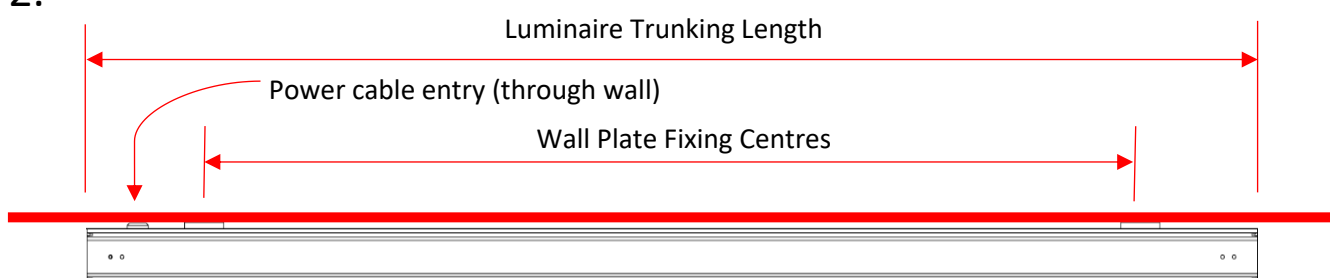


1. Continuous installation



Diffusers and geartrays are packed separately for delivery

2.



LUMINAIRE	TRUNKING	FIXING CTRS	FIXING PLATES
RWF10/RWC10	1000mm	700mm	2
RWF12/RWC12	1250mm	950mm	2
RWF15/RWC15	1500mm	1200mm	2
RWF17/RWC17	1750mm	1450mm	2
RWF20/RWC20	2000mm	1700mm	2
RWF30/RWC30	3000mm	1350mm	3*
RWF40/RWC40	4000mm	1850mm	3*

Set out the fixing plate positions on the wall and drill a hole through the wall for the power cable.

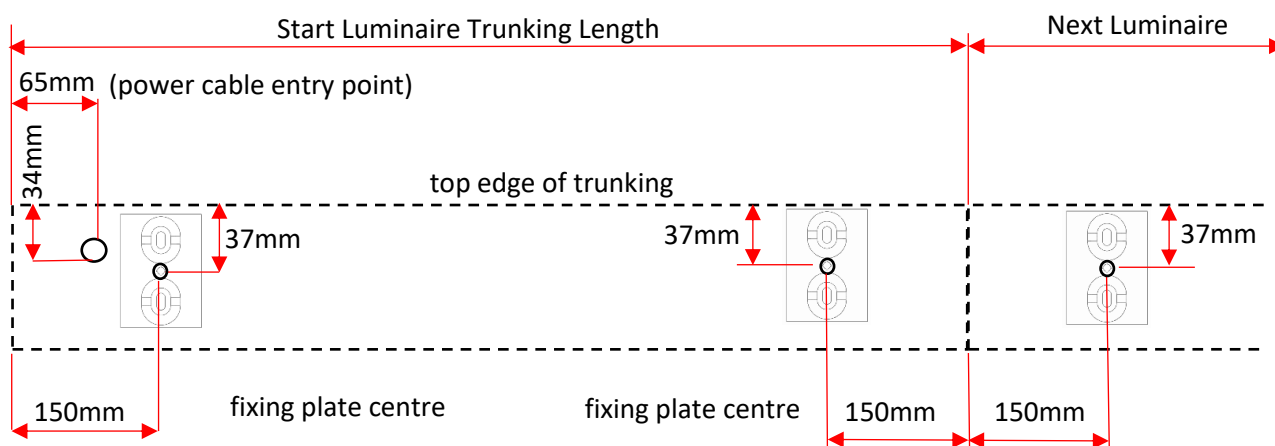
NB:

*Where 3 wall plates are used, one is on the centre line, the others are spaced 150mm from each end.

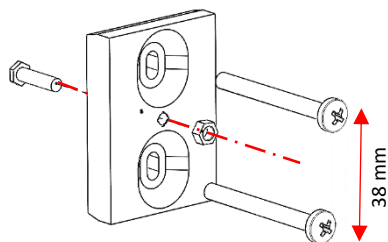
RWF luminaires: add 16 mm to trunking length to include flat end-caps

RWC luminaires: add 65mm to trunking length to include curved end-caps

3. Setting out

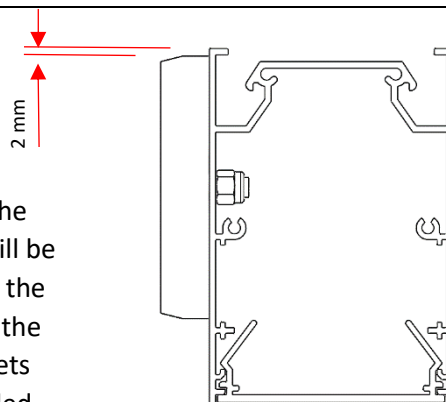


4.



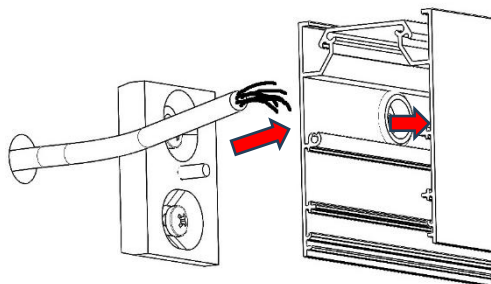
Ensure the M5 bolt is inserted in the fixing bracket before screwing to the wall. Use appropriate screws and wall plugs for the mounting surface.

5.



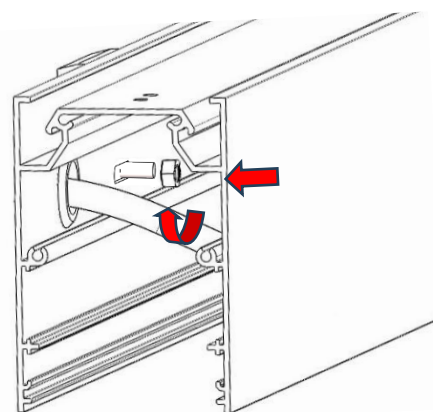
The top of the luminaire will be 2mm above the top edge of the fixing brackets when installed.

6.



Feed mains cable through grommet in trunking before locating onto brackets.

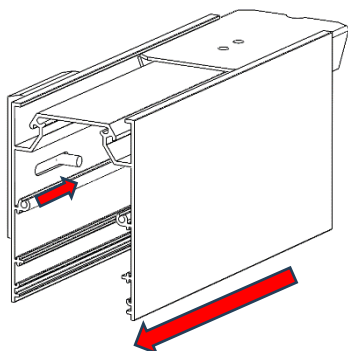
7.



Locate trunking onto both fixing bracket bolts and tighten nuts to finger tight at first.

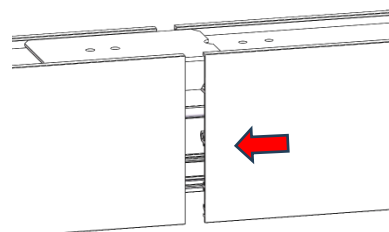
8.

Shunt first housing to left, to ensure bolt is on right hand end of slot.

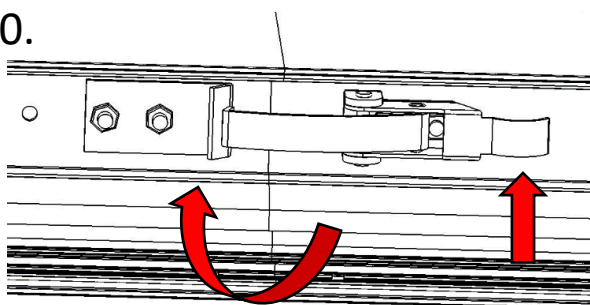


9.

Align second housing and slide into splicing plate. Secure second housing with nuts, finger tight at first.



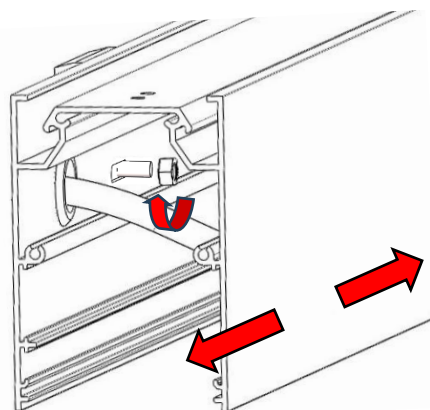
10.



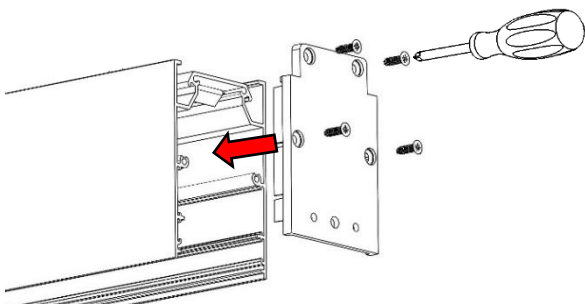
Engage the latch between sections of trunking and close the lever to pull together tightly.

11.

Move trunking left and right along the slots to centre the housings and secure by tightening nuts fully.

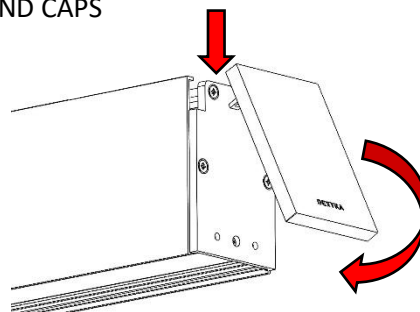


12. FLAT END CAPS



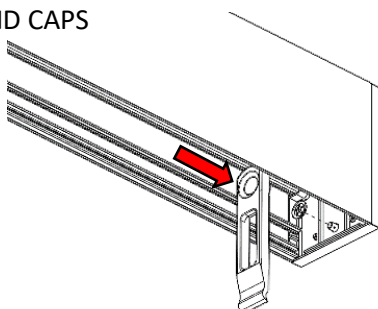
Screw the plastic inner end cap on to the end of the trunking section.

13. FLAT END CAPS



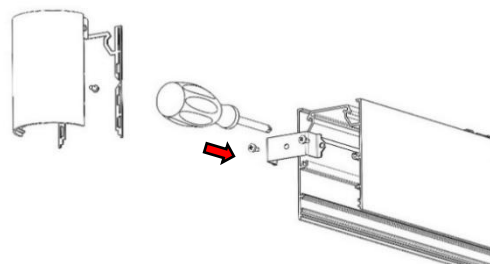
Hook the metal end cap over the top of the inner end cap and press the two parts together.

14. FLAT END CAPS



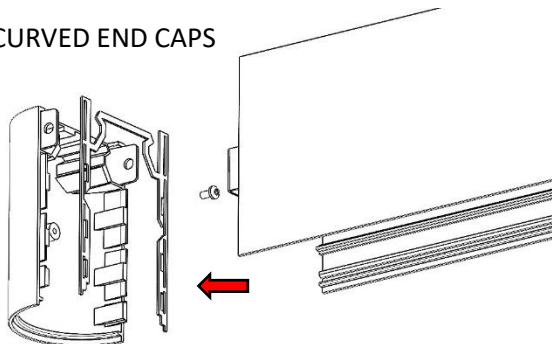
Secure the end caps in place with push-on locking washer, using the plastic insertion tool provided.

15. CURVED END CAPS



Use a pozidrive screwdriver to secure the mounting bracket to the trunking with self-tapping screws.

16. CURVED END CAPS

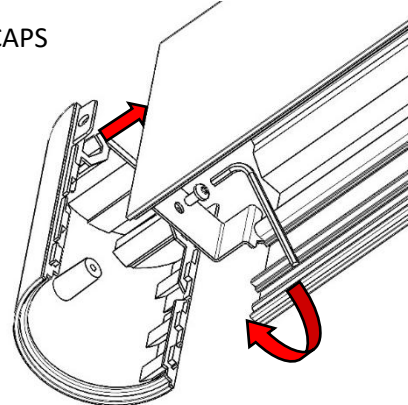


Place the rubber gasket over the tabs on the end cap.

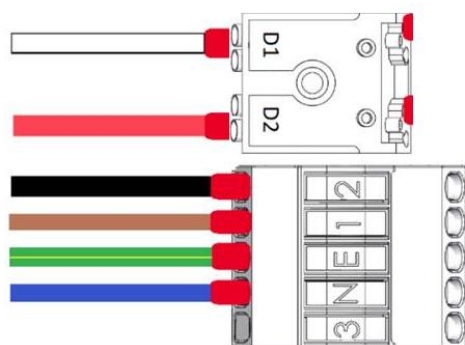
17. CURVED END CAPS

Push the end cap into the trunking, taking care to engage the gasket.

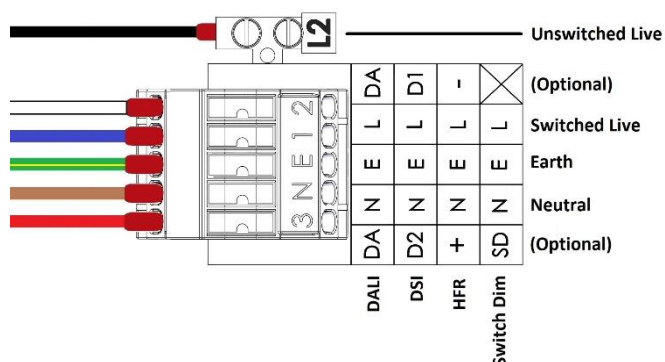
Fasten end cap with the M3 Torx screw.



18.

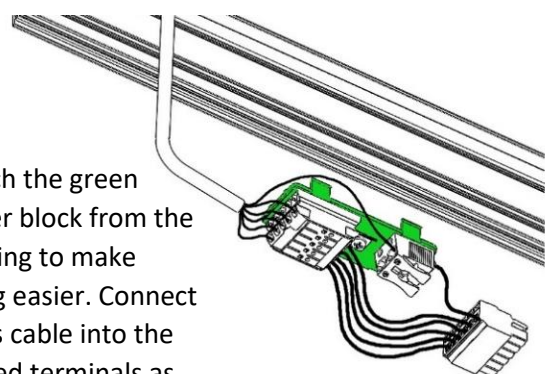


19.

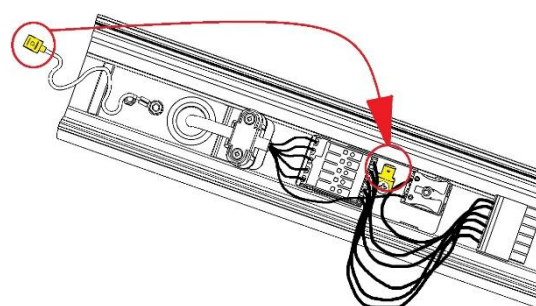


20.

Detach the green starter block from the trunking to make wiring easier. Connect mains cable into the marked terminals as required.

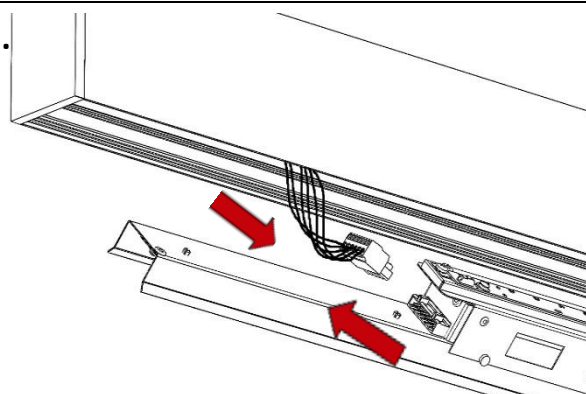


21.



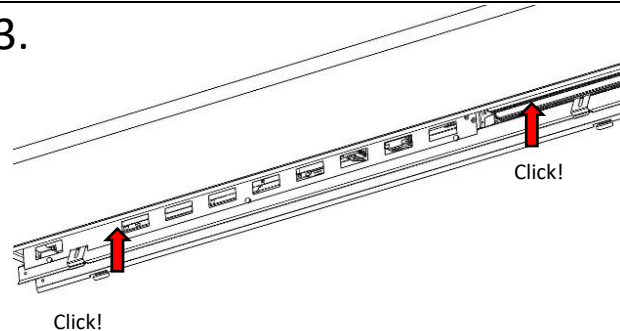
Clamp the mains cable in the cord grip and clip the starter block back into the trunking.

22.



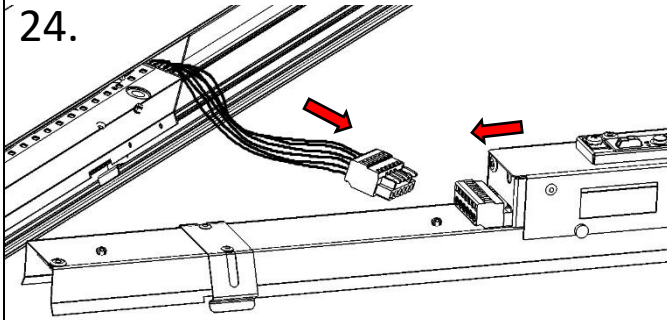
Connect starter loom to loom connector on first gear tray.

23.



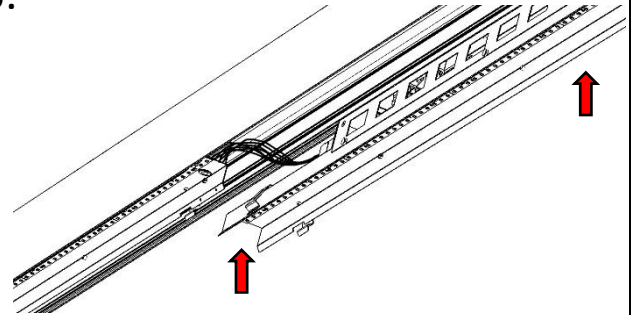
Insert the first geartray until both spring-clips fully engage in the trunking. Take care not to trap any wires.

24.



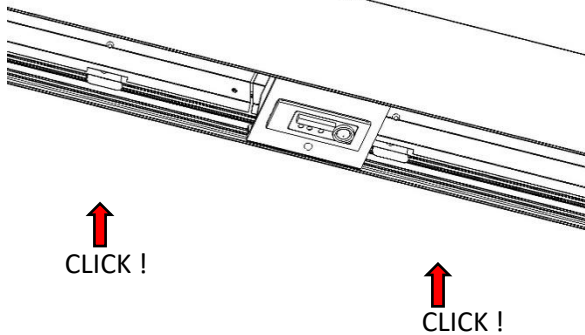
Offer up the next geartray to the loom plug hanging from the first tray and connect together

25.



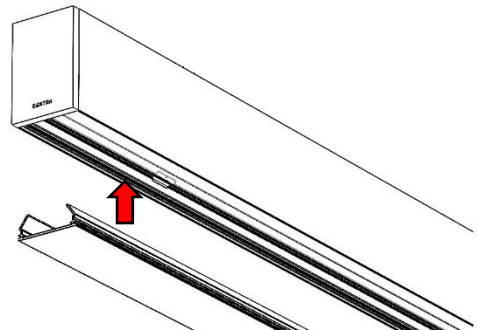
Push the gear tray into the trunking until both spring-clips engage, and slide to meet the previous tray. Repeat for all gear trays

26.



Ensure all gear trays are fully engaged in the trunking before fitting diffusers.

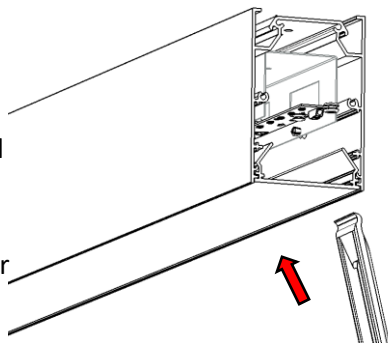
27.



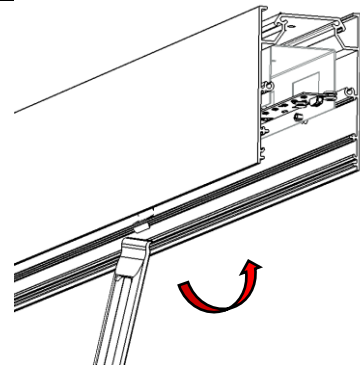
Wearing protective gloves, snap the diffusers into the trunking, ensuring there are no marks or dust.

28.

To remove diffuser, insert tool provided or plastic blade between trunking and diffuser to lever open, then pull down.



29.



To remove gear tray, use tool provided to lever open each spring-clip in stages, then pull down.