Runway Suspended / Surface Cont. Run Installation

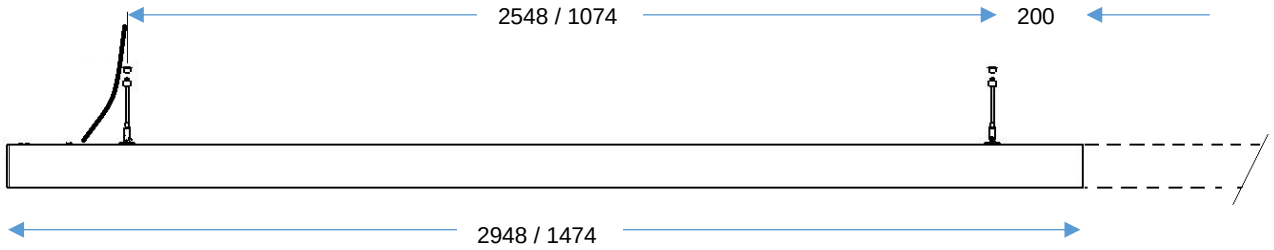
220-240V / 50-60Hz
IP20

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.

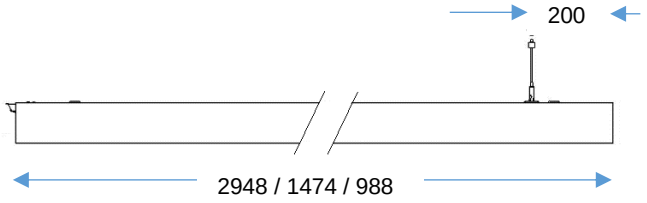
1a.

STARTER (ST)



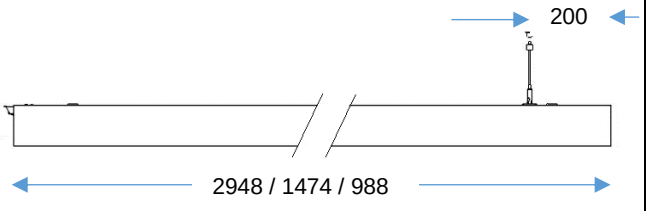
1b.

THROUGH-WIRE (TW)

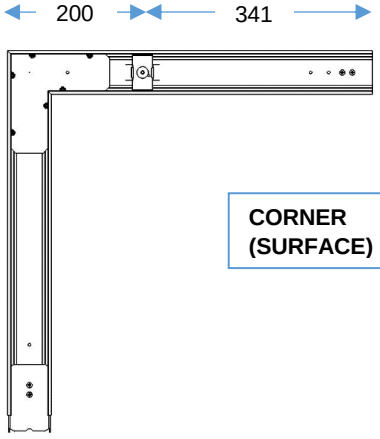


c.

END OR RUN (ER)

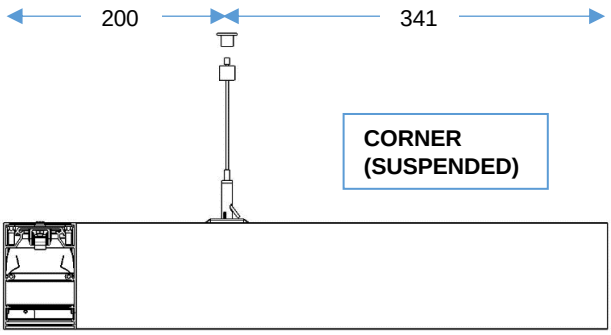


1d.



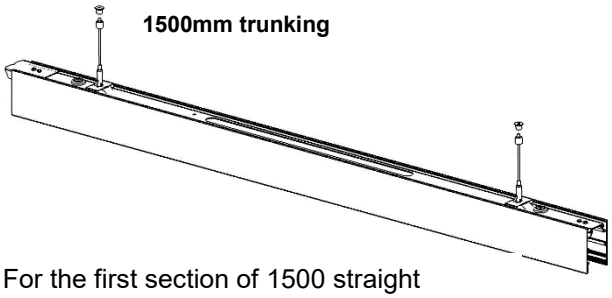
CORNER (SURFACE)

1e.



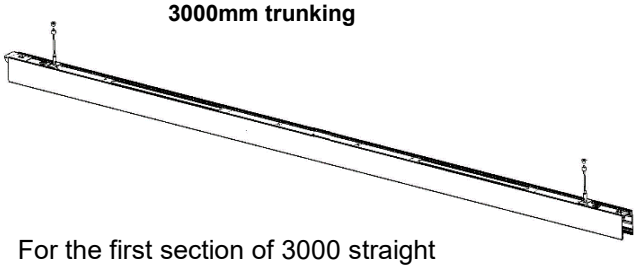
CORNER (SUSPENDED)

2a. Straight Suspension Points 1500mm trunking



For the first section of 1500 straight trunking, install suspension drops in a line with centres as shown on the first page.

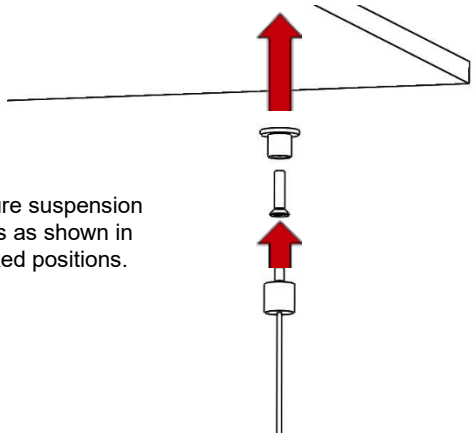
2b. Straight Suspension Points 3000mm trunking



For the first section of 3000 straight trunking, install suspension drops in a line with centres as shown on the first page.

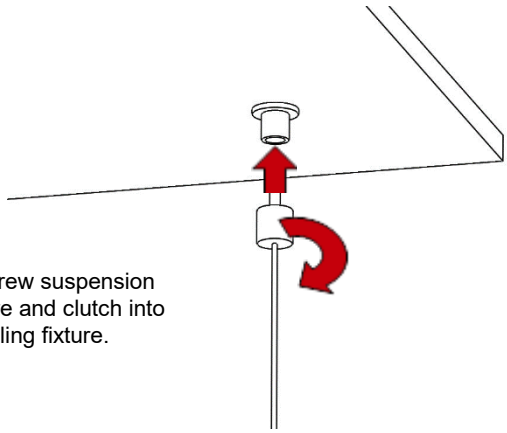
3.

Secure suspension drops as shown in marked positions.



4.

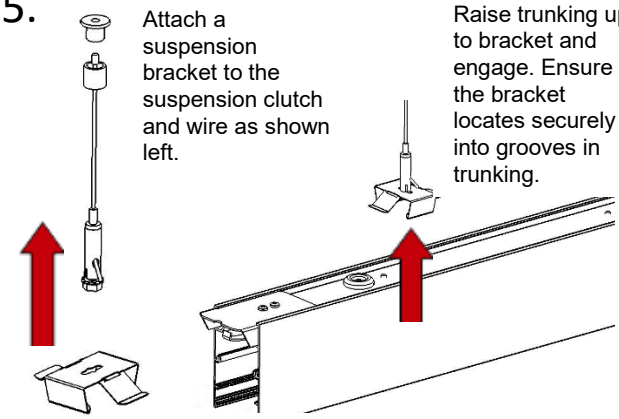
Screw suspension wire and clutch into ceiling fixture.



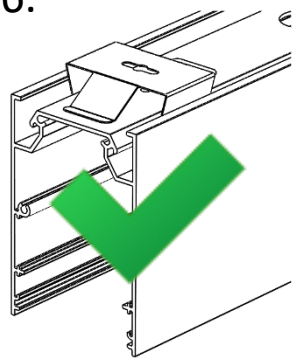
5.

Attach a suspension bracket to the suspension clutch and wire as shown left.

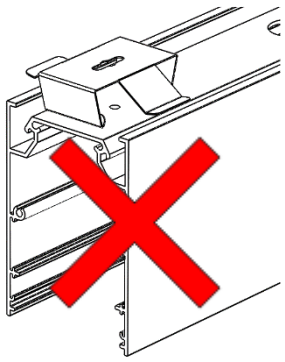
Raise trunking up to bracket and engage. Ensure the bracket locates securely into grooves in trunking.



6.

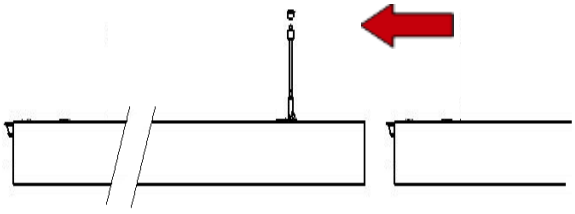


Correct Orientation



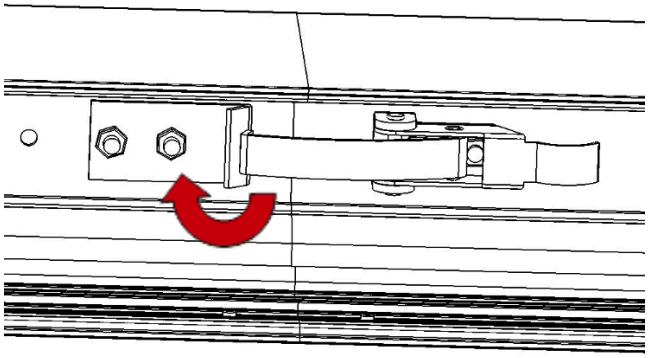
Wrong Orientation

7.

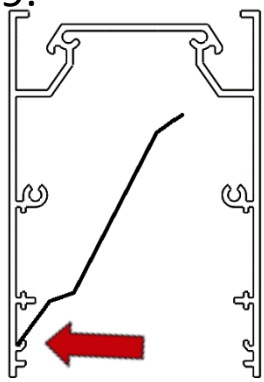


Once next trunking piece has been suspended, align with previous piece. Ends should meet naturally.

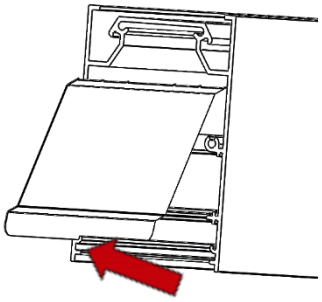
8. Engage latch between trunking sections.



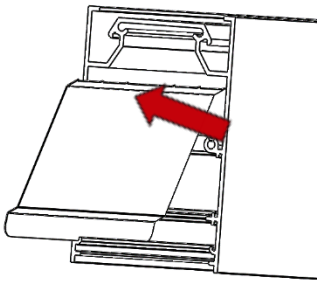
9.

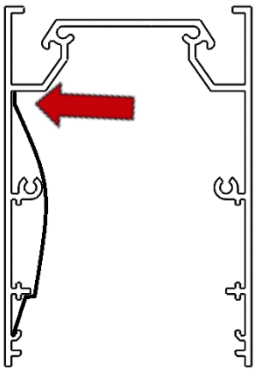


Locate splicing plate into slot as shown.
PROTECTIVE GLOVES MUST BE WORN WHEN HANDLING THE PLATES.



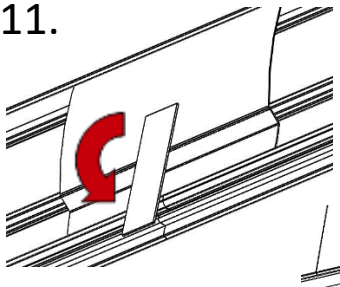
10.



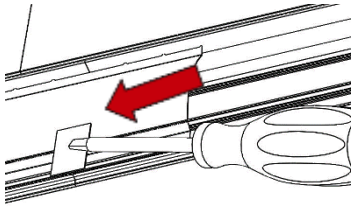


Push plate towards the side wall and allow the teeth to bite into the aluminium.
Repeat between all trunkings.

11.

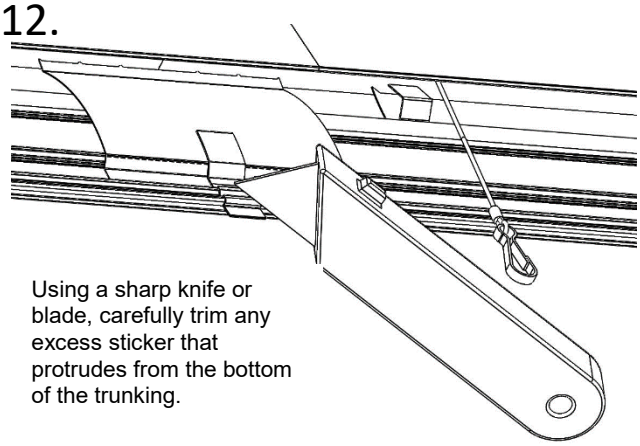


Using aluminium foil light block stickers provided, attach over the plate and across the remaining join.



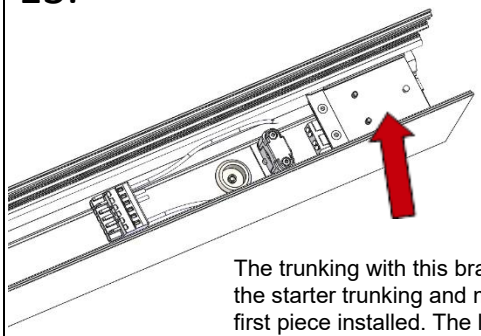
Use a flat-head screwdriver (or similar) to push the sticker into all grooves.

12.



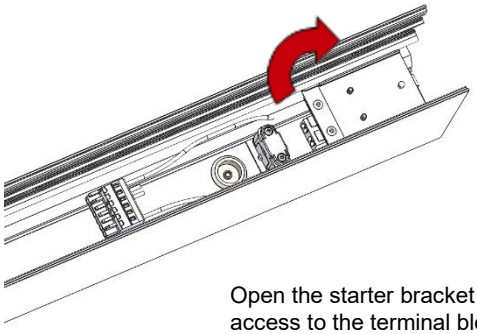
Using a sharp knife or blade, carefully trim any excess sticker that protrudes from the bottom of the trunking.

13.



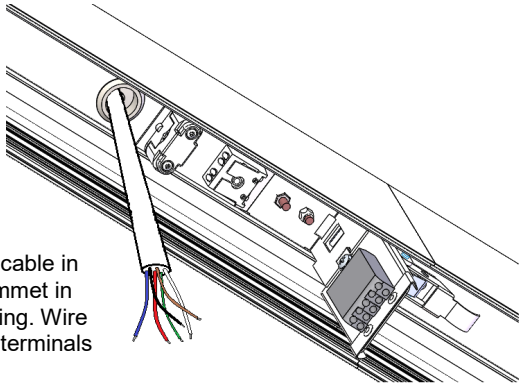
The trunking with this bracket inside is the starter trunking and must be the first piece installed. The last section of trunking (in a closed loop) to join to this must be a corner.

14.



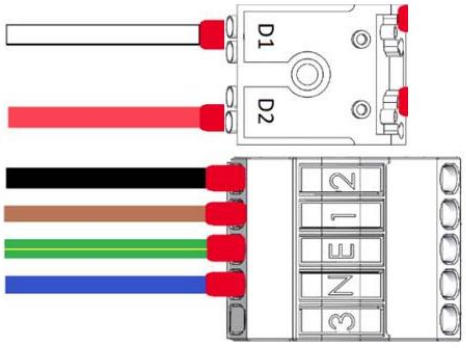
Open the starter bracket to allow access to the terminal block.

15.



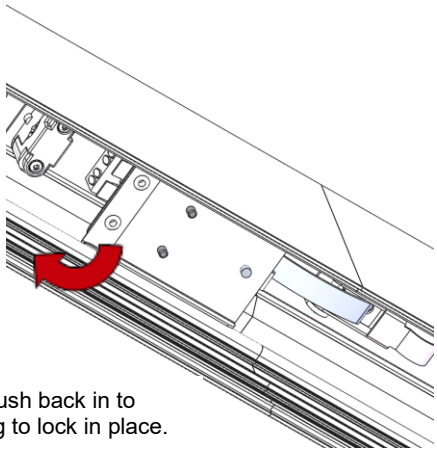
Feed mains cable in through grommet in rear of trunking. Wire into marked terminals as required.

16.



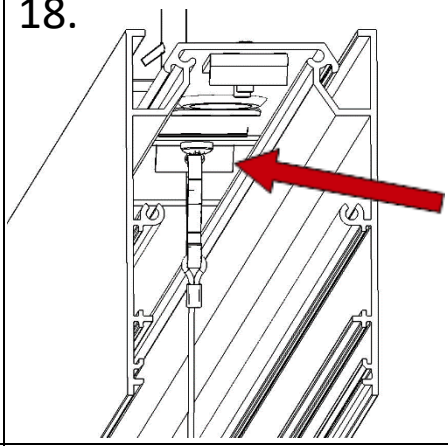
17.

Fold starter bracket back into trunking.



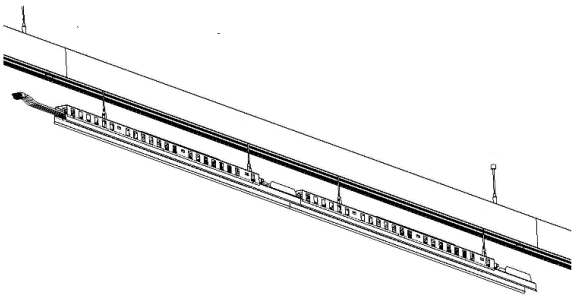
Then push back in to trunking to lock in place.

18.



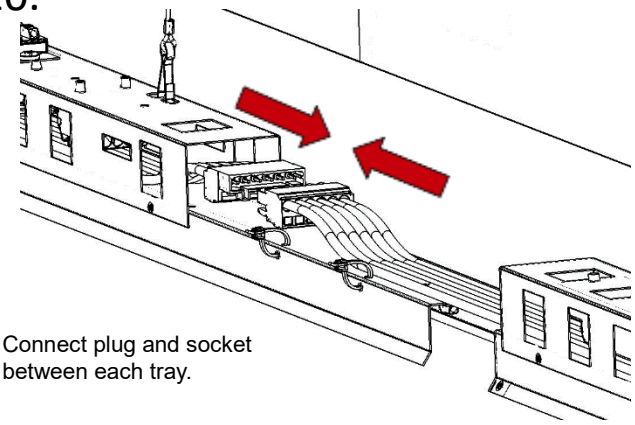
Locate all tether brackets and clip gear trays to each bracket in the trunking.

19



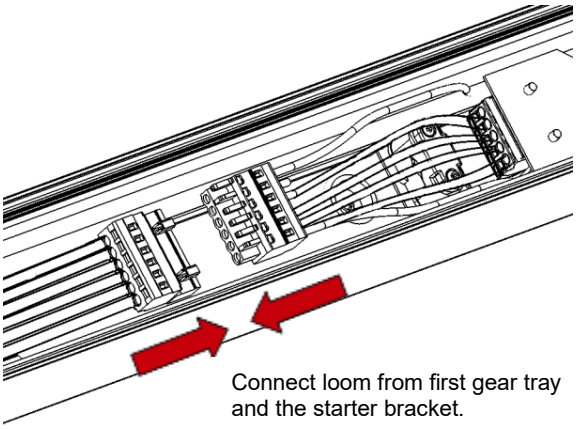
Clip all trays into trunking and allow the trays to hang.

20.



Connect plug and socket between each tray.

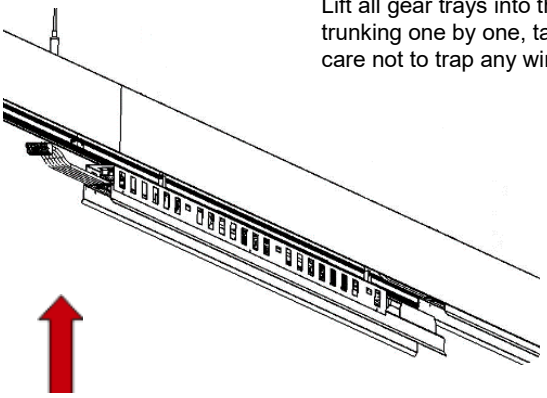
21.



Connect loom from first gear tray and the starter bracket.

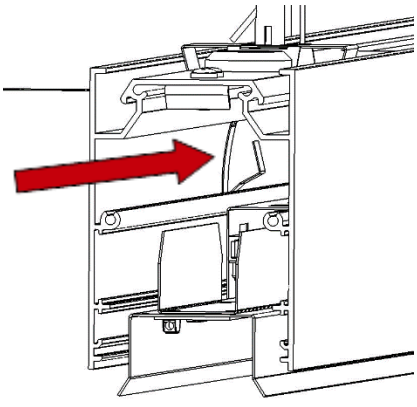
22.

Lift all gear trays into the trunking one by one, taking care not to trap any wires.



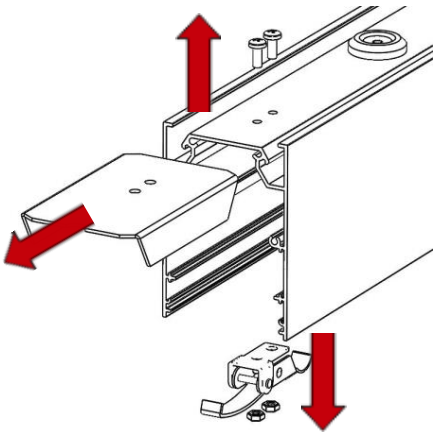
23.

Engage gear trays onto springs in trunking as shown to the right.

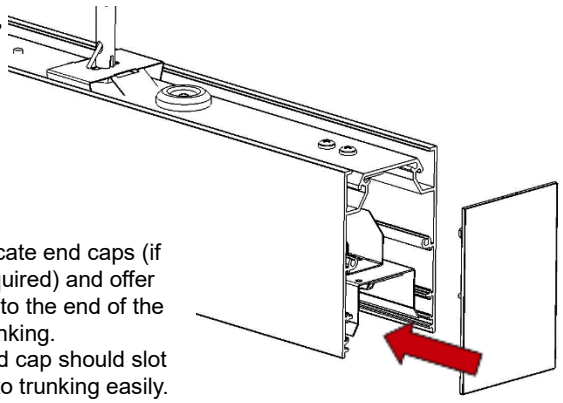


24.

Before the end cap is fitted to the end of run trunking, the splicing plate and latch must be removed. Remove the two screws/ nuts to free the latch and splice. Discard as required.

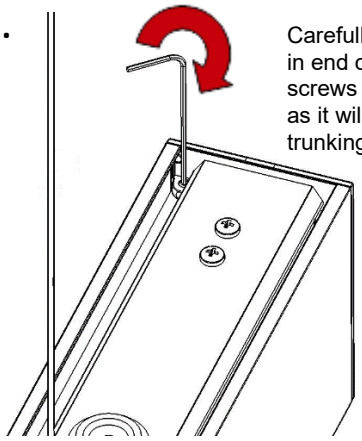


25.



Locate end caps (if required) and offer up to the end of the trunking.
End cap should slot onto trunking easily.

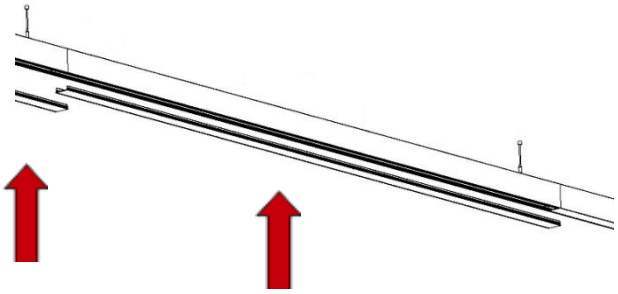
26.



Carefully tighten grub screws in end caps. Ensure the grub screws are not overtightened as it will result in a damaged trunking.

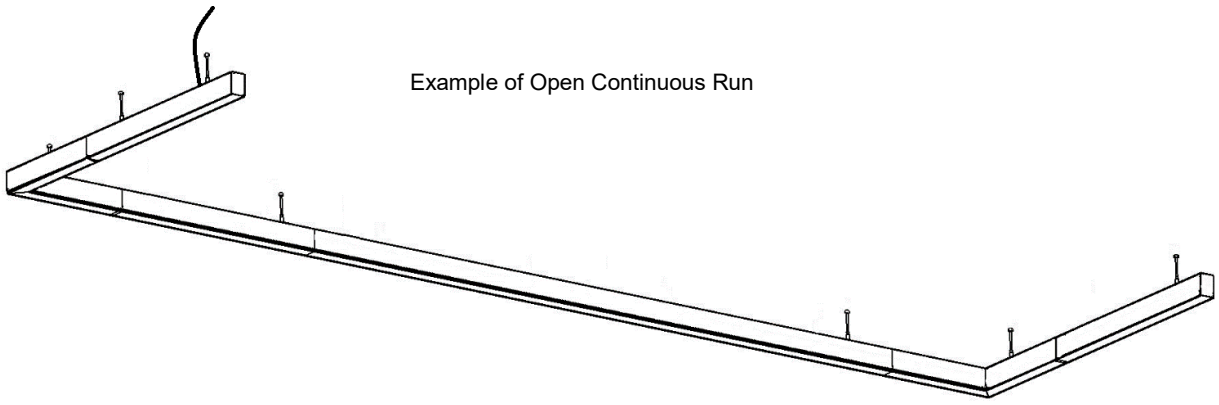
27.

Wearing protective gloves, snap the diffusers into the trunking as required. Ensure there are no visible marks or dust on the diffusers



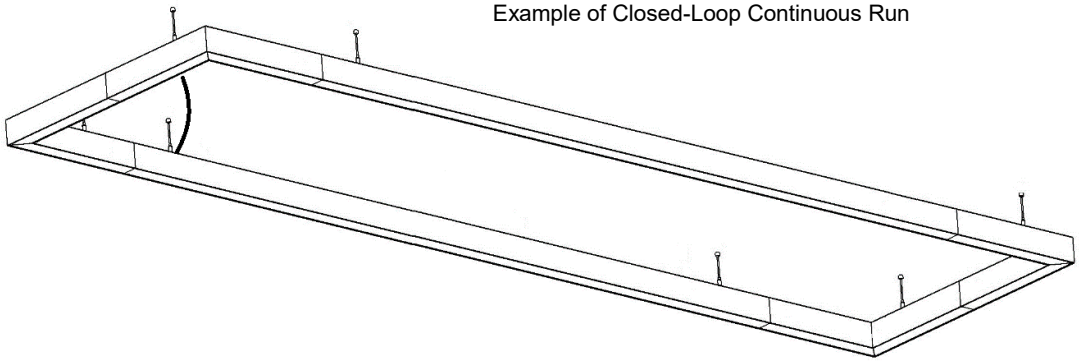
28

Example of Open Continuous Run



29.

Example of Closed-Loop Continuous Run



Runway Suspended / Surface Cont. Run Installation

220-240V / 50-60Hz
IP20
IK00

Caution
Risk of electric shock

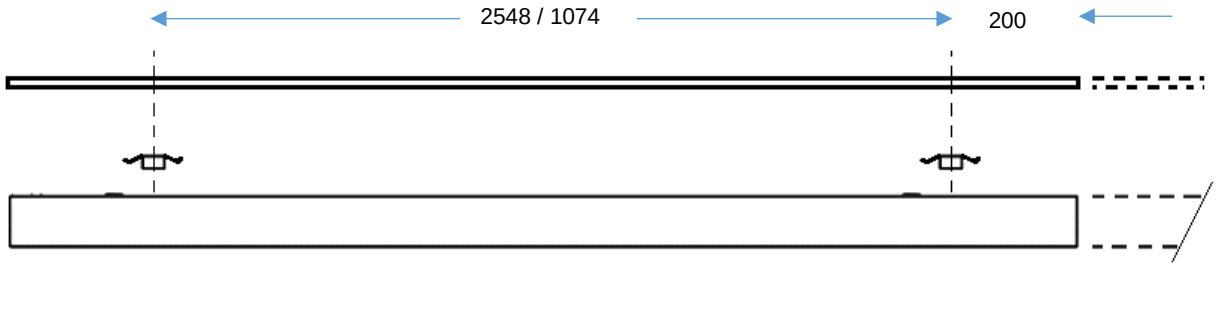
Terminal Labelling:

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 is non replaceable**. 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.

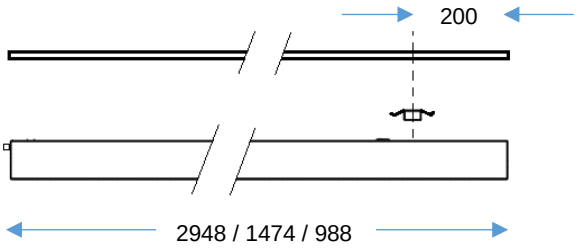
1a.

STARTER (ST)

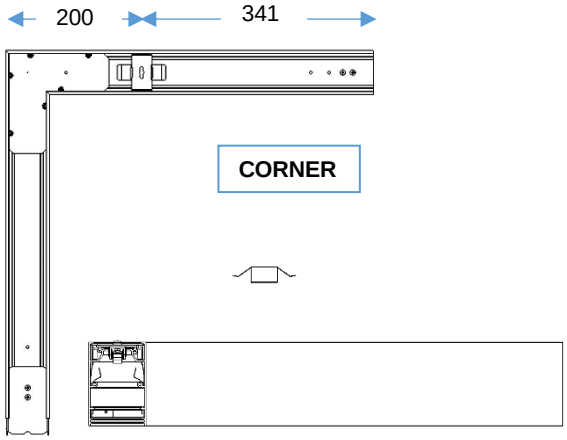


b.

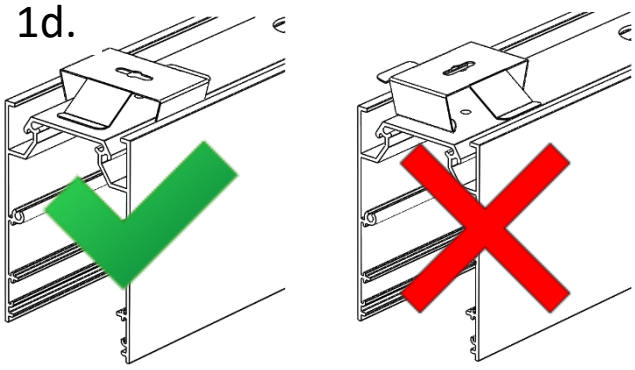
THROUGH-WIRE (TW)
& END OF RUN (ER)



1c.



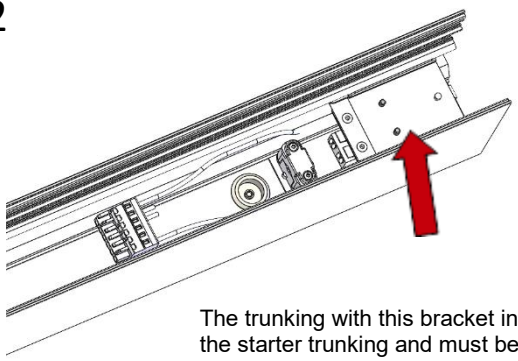
1d.



Correct Orientation

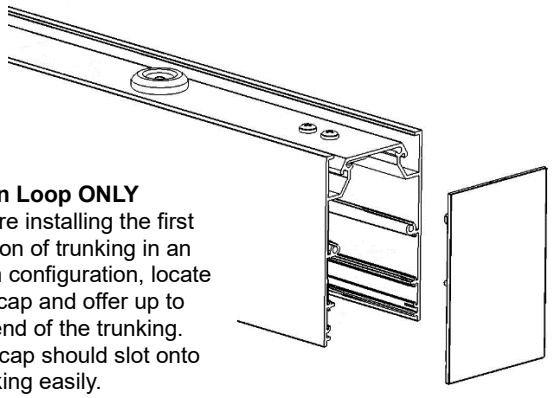
Wrong Orientation

2



The trunking with this bracket inside is the starter trunking and must be the first piece installed. The last section of trunking (in a closed loop) to join to this must be a corner.

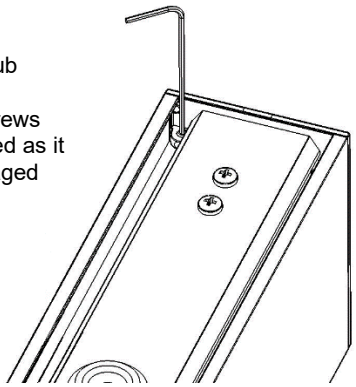
3.



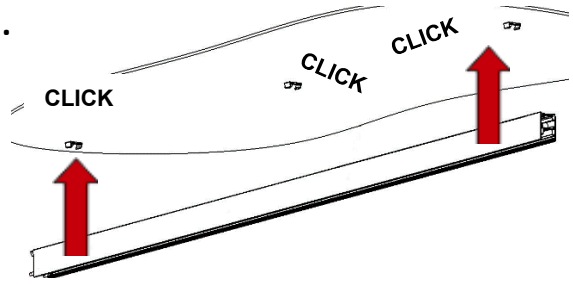
Open Loop ONLY
Before installing the first section of trunking in an open configuration, locate end cap and offer up to the end of the trunking. End cap should slot onto trunking easily.

4.

Open Loop ONLY
Carefully tighten grub screws in end cap. Ensure the grub screws are not overtightened as it will result in a damaged trunking.



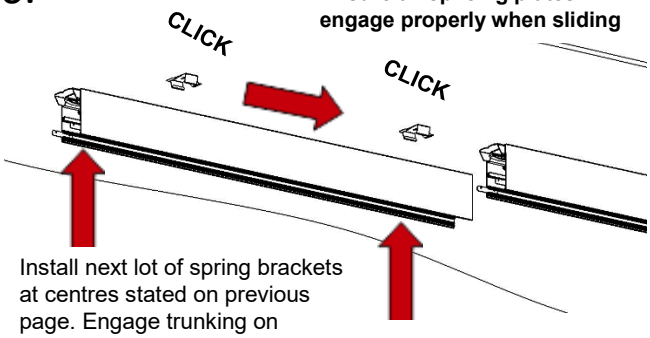
5.



Once spring brackets are attached to ceiling, snap the trunking onto them ensuring they're secure.
NOTE: IF INSTALLING A CLOSED LOOP, THE FIRST PIECE WILL NEED TO BE NEXT TO THE FINAL CORNER.

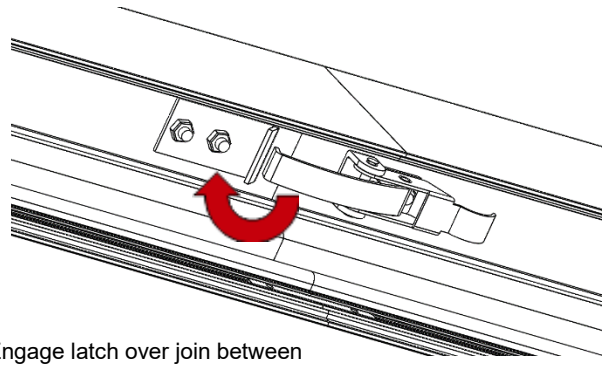
6.

Ensure all splicing plates engage properly when sliding



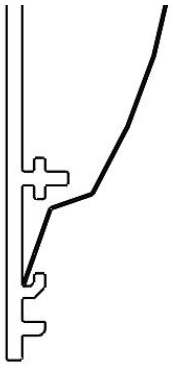
Install next lot of spring brackets at centres stated on previous page. Engage trunking on springs and slide onto previous trunking.

7.

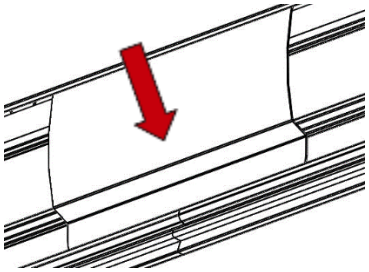


Engage latch over join between trunkings. This should pull trunkings together fully.

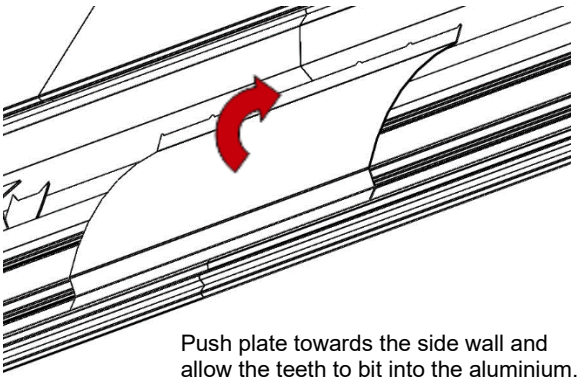
8.



Locate splicing plate into slot as shown.
PROTECTIVE GLOVES MUST BE WORN WHEN HANDLING THE PLATES.

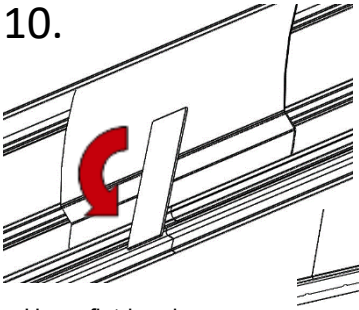


9.

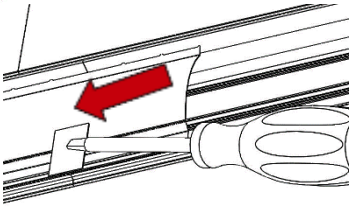


Push plate towards the side wall and allow the teeth to bit into the aluminium. Repeat between all trunkings.

10.

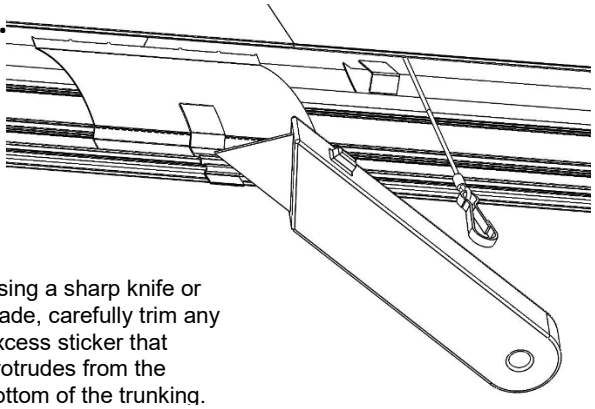


Using aluminium foil light block stickers provided, attach over the plate and across the remaining join.



Use a flat-head screwdriver (or similar) to push the sticker into all grooves.

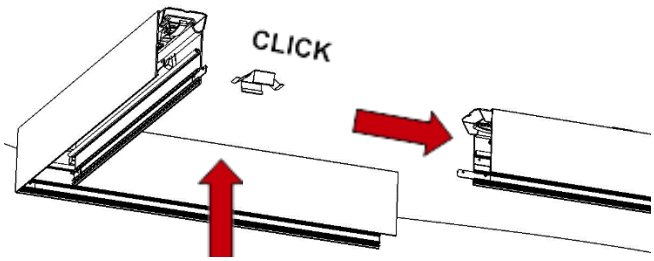
11.



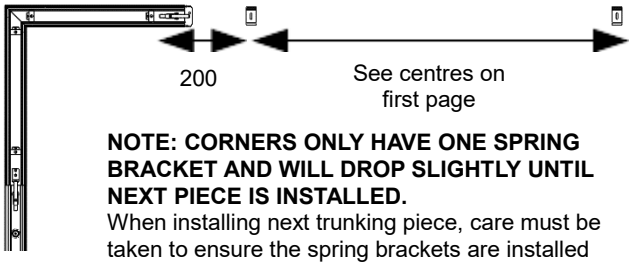
Using a sharp knife or blade, carefully trim any excess sticker that protrudes from the bottom of the trunking.

12.

Install corner as stated on previous page. Snap trunking onto spring and slide onto previous piece. Repeat steps 4 and 5 to lock in place.



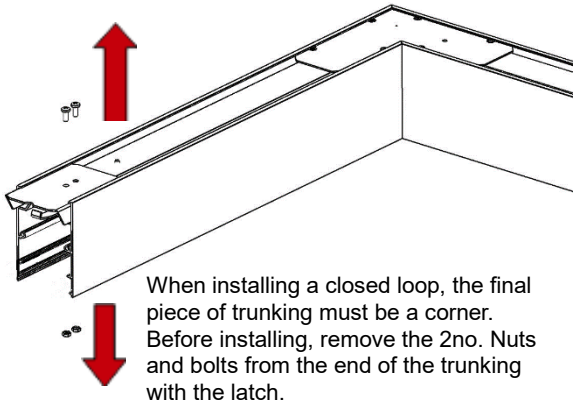
13.



NOTE: CORNERS ONLY HAVE ONE SPRING BRACKET AND WILL DROP SLIGHTLY UNTIL NEXT PIECE IS INSTALLED.
When installing next trunking piece, care must be taken to ensure the spring brackets are installed along the centreline of the previous piece. Follow centres from page 1 of the surface installation.

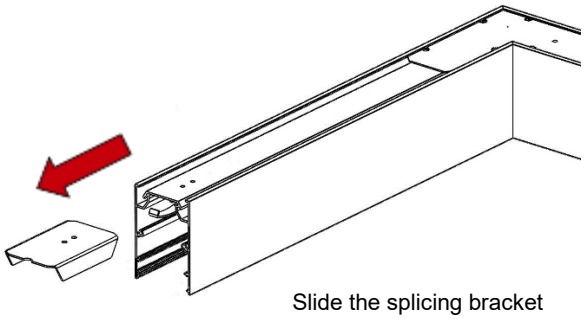
Repeat to install subsequent trunking sections.

14.



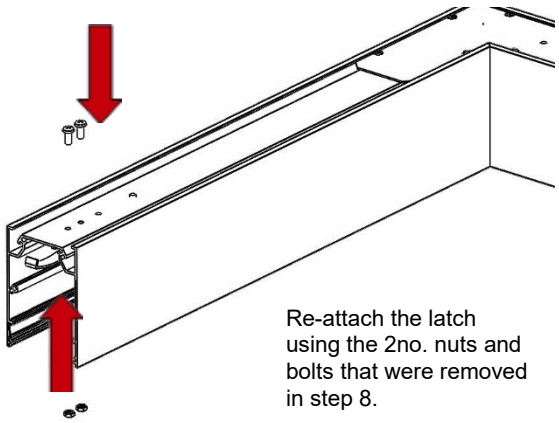
When installing a closed loop, the final piece of trunking must be a corner. Before installing, remove the 2no. Nuts and bolts from the end of the trunking with the latch.

15.



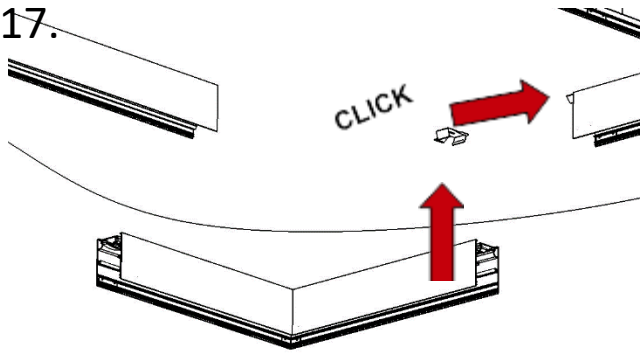
Slide the splicing bracket from the top of the trunking. The latch will be kept so do not discard.

16.



Re-attach the latch using the 2no. nuts and bolts that were removed in step 8.

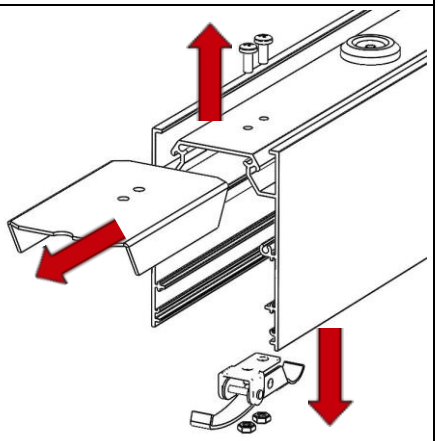
17.



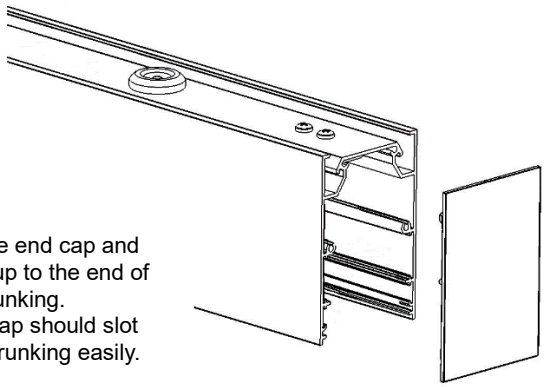
Install final corner on spring bracket and slide onto previous trunking piece.

18.

Open Loop ONLY
Before installing the final section of trunking, the splicing plate and latch must be removed to fit the end cap. Remove the two screws/ nuts to free the latch and splice. Discard as required.



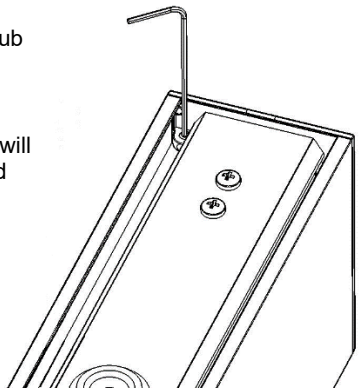
19.



Locate end cap and offer up to the end of the trunking.
End cap should slot onto trunking easily.

20.

Carefully tighten grub screws in end cap. Ensure the grub screws are not overtightened as it will result in a damaged trunking.

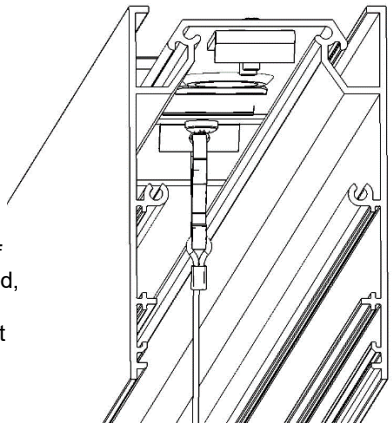


21.

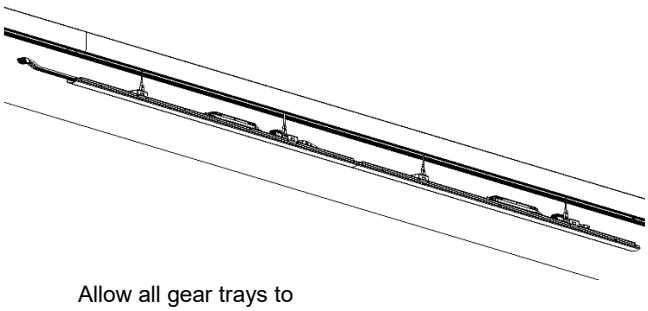
Repeat steps 7 to 10 to engage latch, insert splicing plates and attach light block stickers between all subsequent trunkings.

22.

Once all sections of trunking are installed, clip the gear trays onto the tethers that are secured inside the trunking.

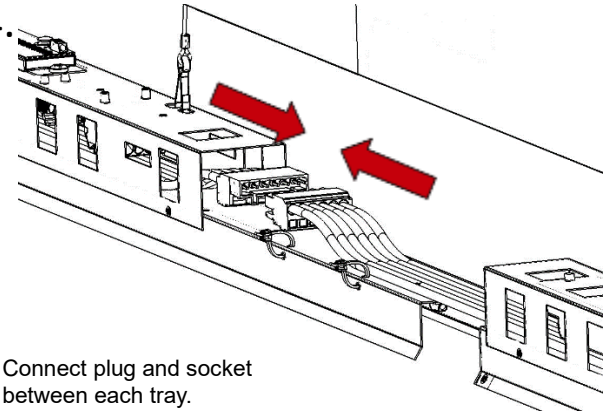


23.



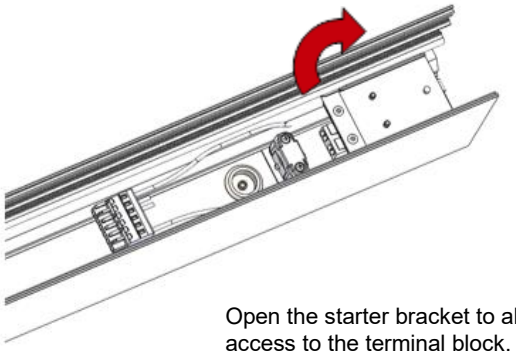
Allow all gear trays to hang on tethers.

24.



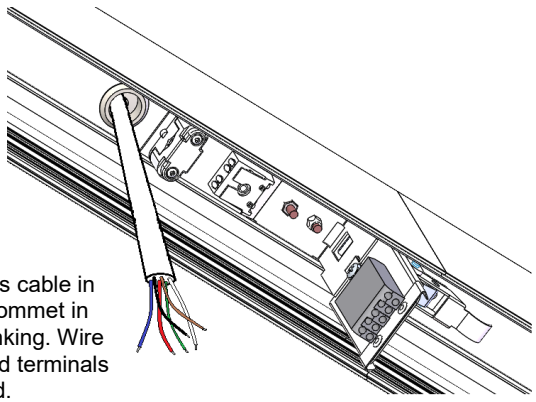
Connect plug and socket between each tray.

25.



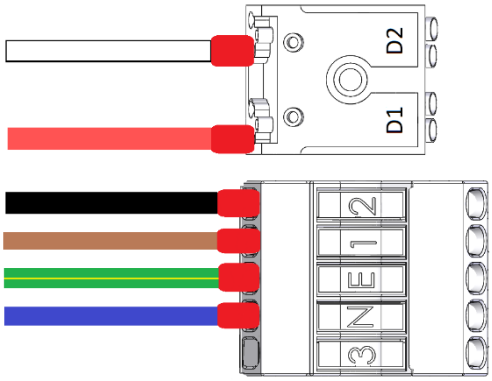
Open the starter bracket to allow access to the terminal block.

26.



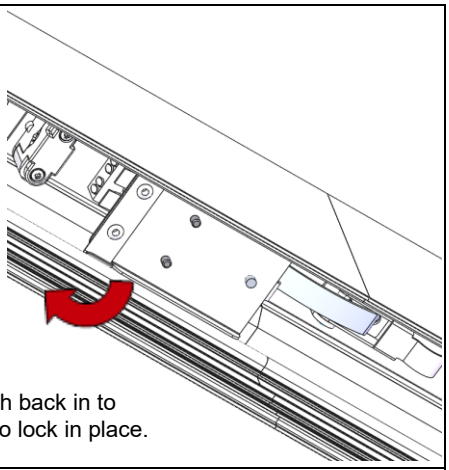
Feed mains cable in through grommet in rear of trunking. Wire into marked terminals as required.

27.



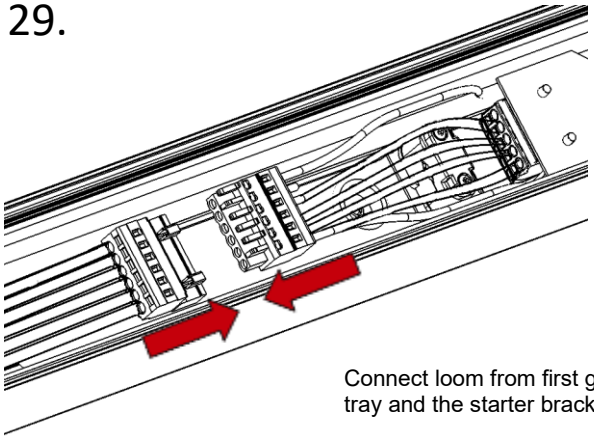
28.

Fold starter bracket back into trunking.



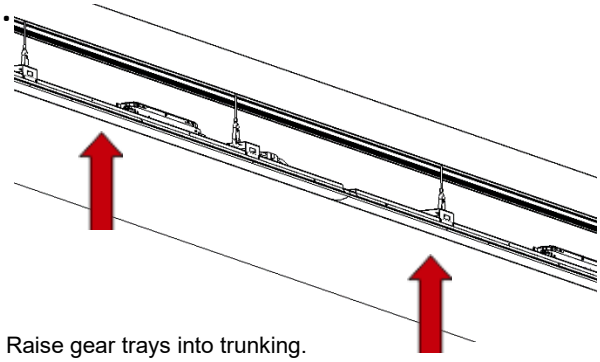
Then push back in to trunking to lock in place.

29.



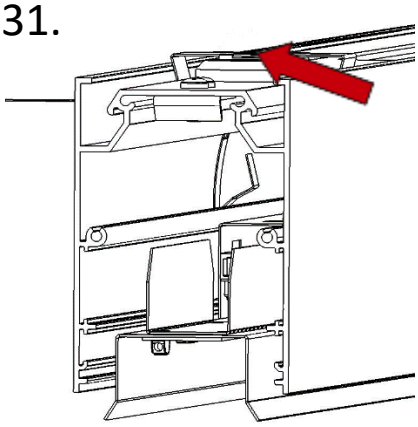
Connect loom from first gear tray and the starter bracket.

30.



Raise gear trays into trunking. Ensure there are no cables trapped behind tray.

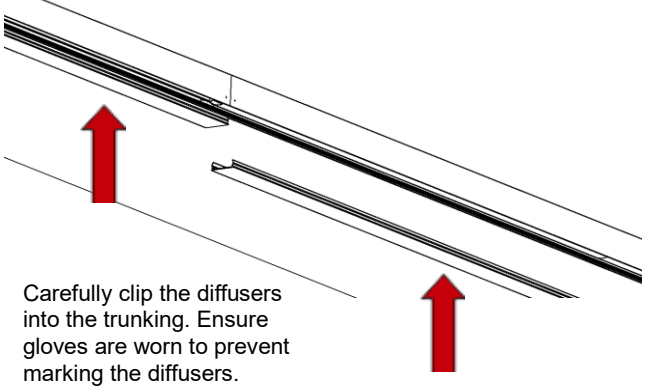
31.



Engage the gear trays on the springs that are positioned inside the trunking. Ensure they are secured properly before moving onto subsequent trays.

NOTE: Image shown without end cap for gear tray installation only.

32.



Carefully clip the diffusers into the trunking. Ensure gloves are worn to prevent marking the diffusers.

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. Use a flat headed screwdriver to remove diffuser.
4. Remove gear tray from housing.
5. Remove plastic screws to separate the two gear trays.
6. Use a pan pozi screwdriver to remove components.
7. Please contact Dextra for assistance with spare component supply.