Indeco Installation

220-240V / 50-60Hz
IP20

Terminal Labelling:

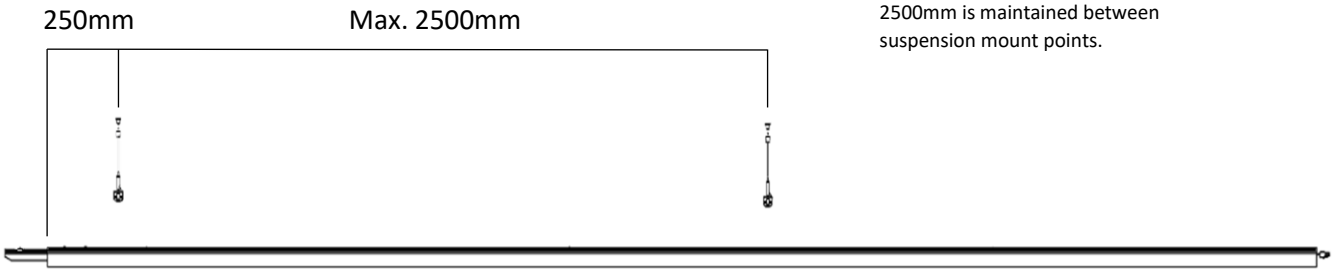
Power	
L / 1	Switched Live
E / ⏚	Earth
N	Neutral
Emergency	
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
Dimming	
DA+/D2	Analogue/DSI/DALI
DA-/D1	Analogue/DSI/DALI
SD	Switch Dim / Corridor Function

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 replace with identical make and model.

1.

Ensure a minimum of 350mm is left at the start of run for the power feed unit shown in step 3.

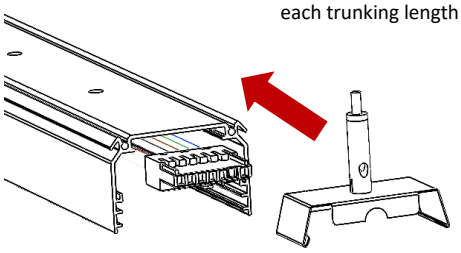
Suspend mount the first section of 4500mm trunking as shown. The first drop should be ~250mm from the start of the trunking. Ensure a maximum spacing of 2500mm is maintained between suspension mount points.



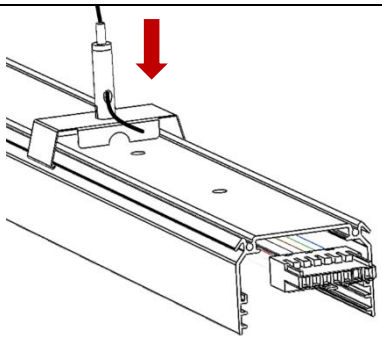
2.

Suspension install

Slide x2 clips onto each trunking length



3.

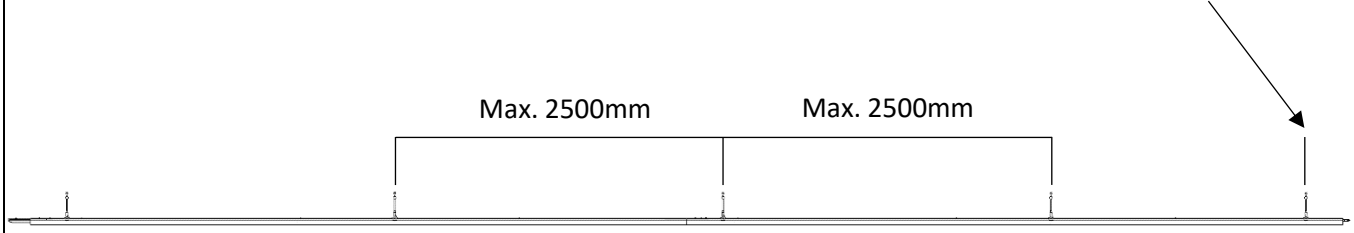


Feed the suspension wires through the barrel clutch in order to suspend the trunking. Use clutch to adjust height and to ensure tunking is level.

4.

Suspend mount subsequent sections of 4500mm, 3000mm or 1500mm trunking as shown. Ensure a maximum spacing of 2500mm is maintained between suspension mount points.

The last section will require a final suspension mount point positioned 250mm from the end of the trunking.



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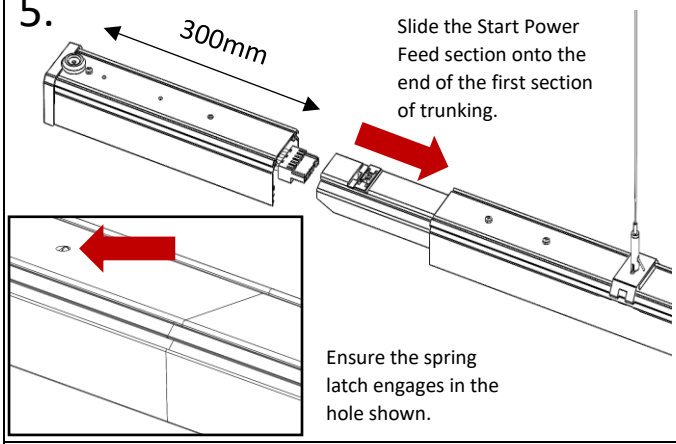
5.

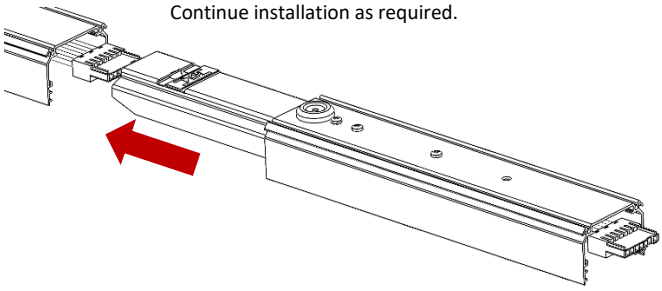


Slide the Start Power Feed section onto the end of the first section of trunking.

Ensure the spring latch engages in the hole shown.

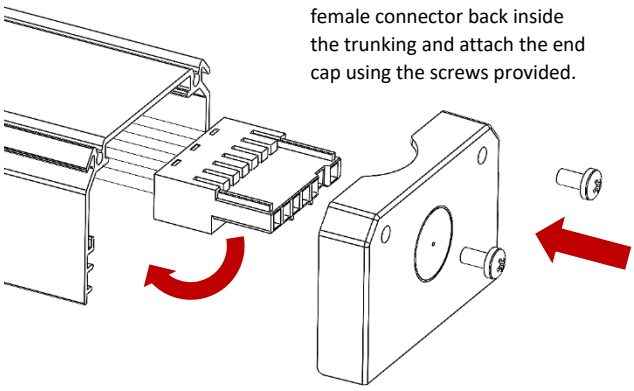
6.

Where a power drop is required mid-run, please use the ***IND MID*** trunking section. This slides into the previous trunking section as normal and allows a power drop to be brought in through the grommet in the rear and wired to a new set of terminal blocks. Continue installation as required.

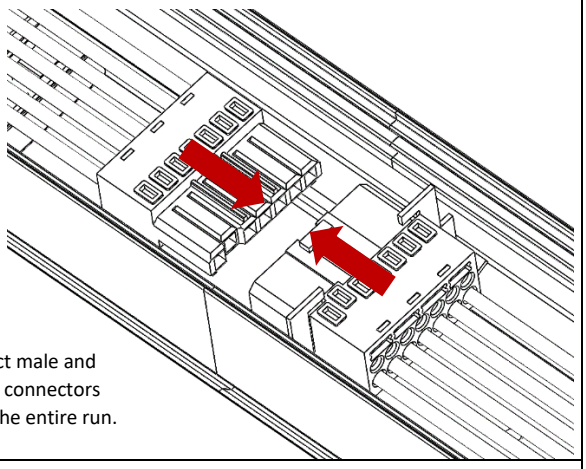


7.

At the end of run, fold the loose female connector back inside the trunking and attach the end cap using the screws provided.

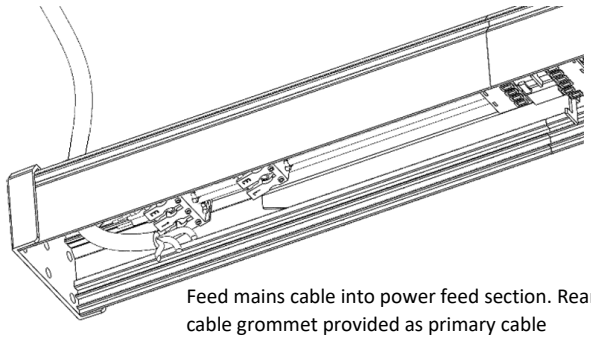


8.



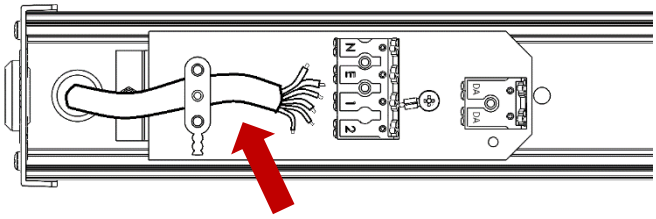
Connect male and female connectors along the entire run.

9.



Feed mains cable into power feed section. Rear cable grommet provided as primary cable entry for suspended versions but end cap can be drilled and spare grommet fitted for surface mount or secondary cable entry option.

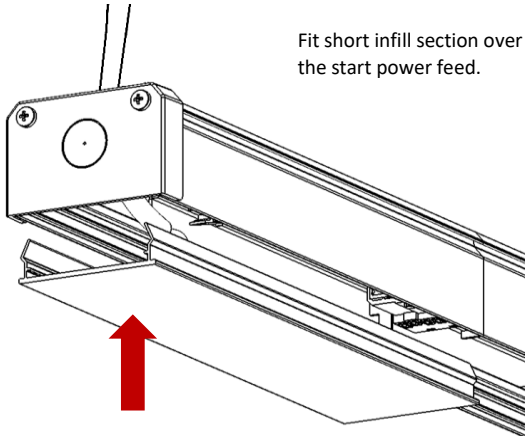
10.



Ensure the cable clamp is used with both rear entry or end entry options. Connect cable to appropriate terminals.

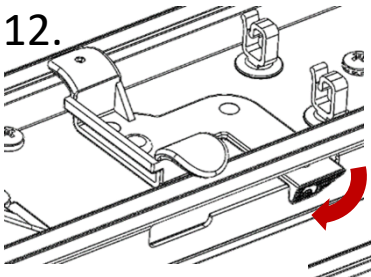
1 (switched live) **E** (earth) **N** (neutral) **L2** (unswitched live) **DA / DA** (Dali control)

11

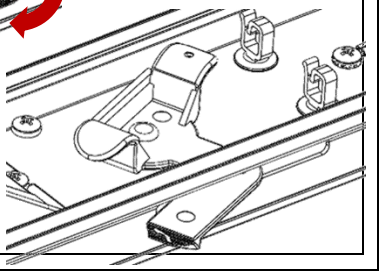


Fit short infill section over the start power feed.

12.



Before installing gear trays, open both quarter-turn handles by lifting and pushing to the left.



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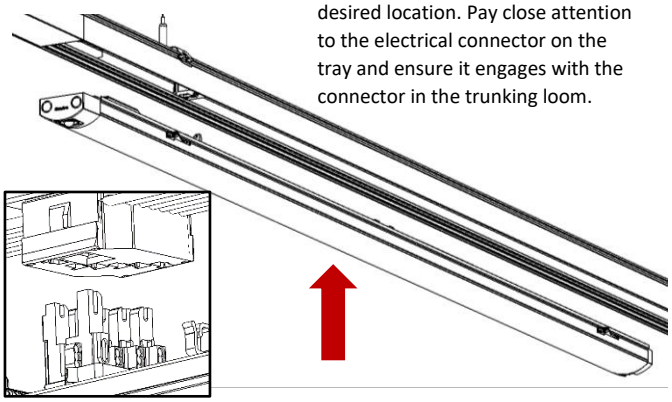
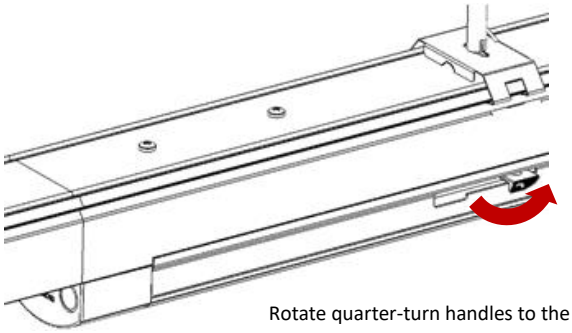
13.

Offer gear tray up to the trunking in desired location. Pay close attention to the electrical connector on the tray and ensure it engages with the connector in the trunking loom.

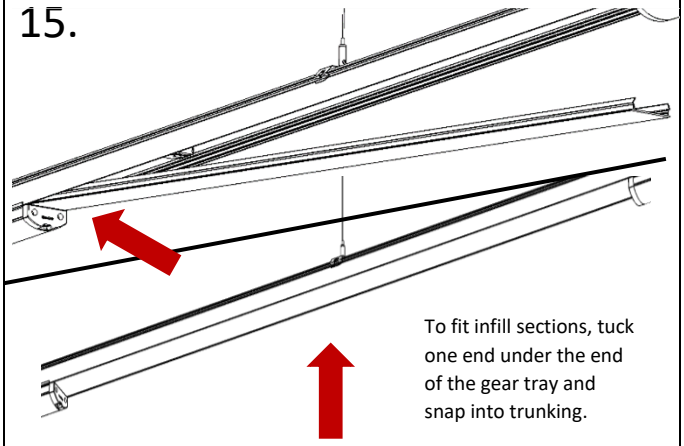


14.



Rotate quarter-turn handles to the right until the handle engages into the tray with a click.

15.

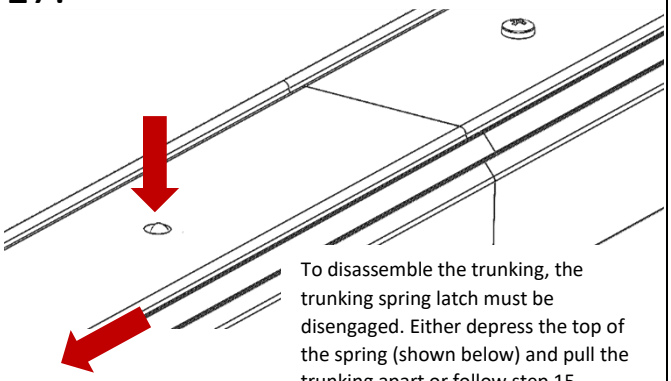


To fit infill sections, tuck one end under the end of the gear tray and snap into trunking.

16.

Commission as required.

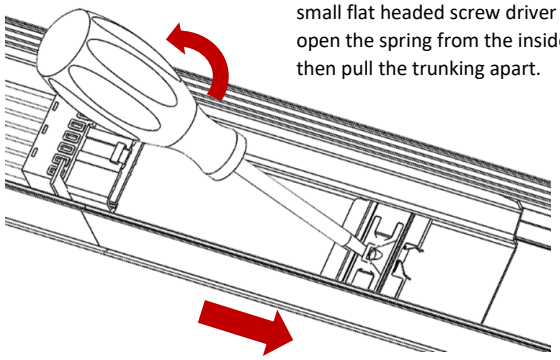
17.

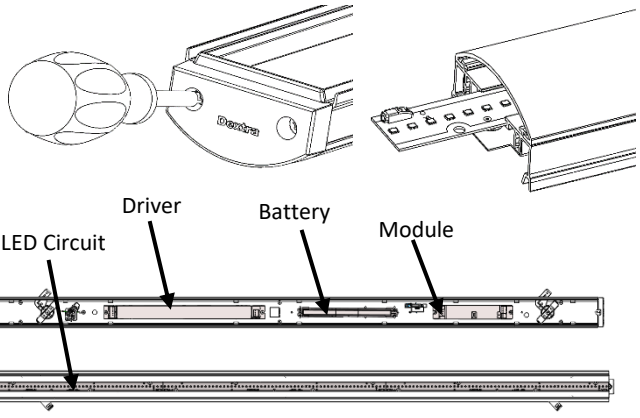


To disassemble the trunking, the trunking spring latch must be disengaged. Either depress the top of the spring (shown below) and pull the trunking apart or follow step 15.

18.

The second way of releasing the trunking spring latch is to use a small flat headed screw driver and open the spring from the inside then pull the trunking apart.



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 LED circuit use a pan pozi screwdriver to remove screws from endcap. Diffuser and LED circuit can then slide out from tray.
4. Use a pan pozi screwdriver to remove components.
5. Please contact Dextra for assistance with spare component supply.