

# **Magtrak** \_\_\_\_\_

## Installation Guide.



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### **Please Read Before Installation**

The safety of this product can only be guaranteed if the installation instructions are respected and carried out by a qualified professional.

Always disconnect the power before installation. Do not attempt to make any modifications on the products. Lighting of London declines any responsibility on modified products. Installation should be carried out by a qualified professional.

It is recommended to test products before installation, especially with recessed products.

The LED driver should always be accessible. This product is designed for indoor installation.

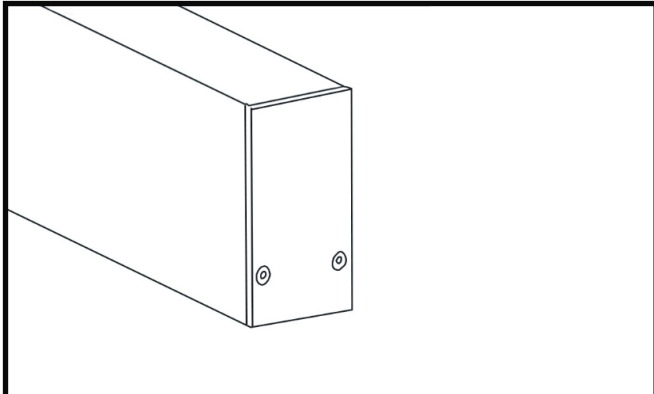
If any steps in the installation instructions are unclear please contact us on:

Tel: [+\(44\) 020 7139 5129](tel:+442071395129)

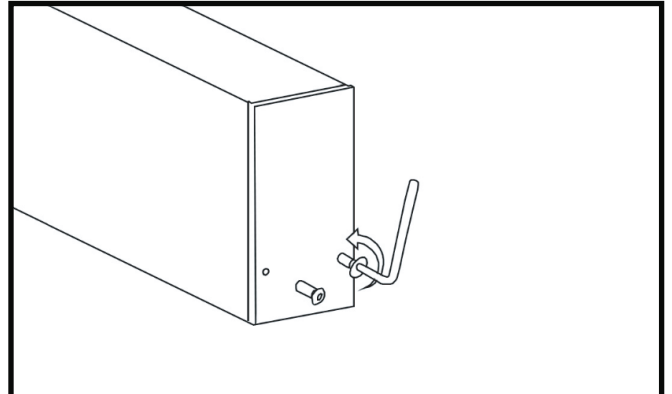
Email: [office@lightingoflondon.co](mailto:office@lightingoflondon.co)

# Connecting Tracks.

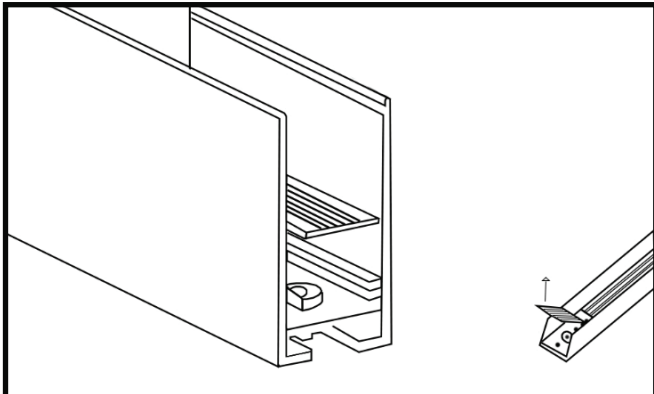
1 / 2



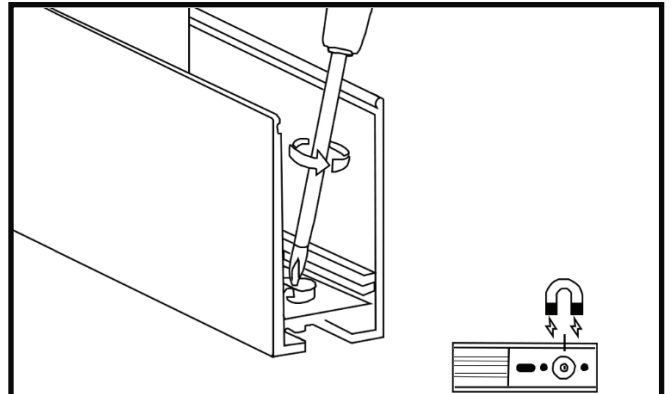
**1.** Place the track on a flat, clean surface



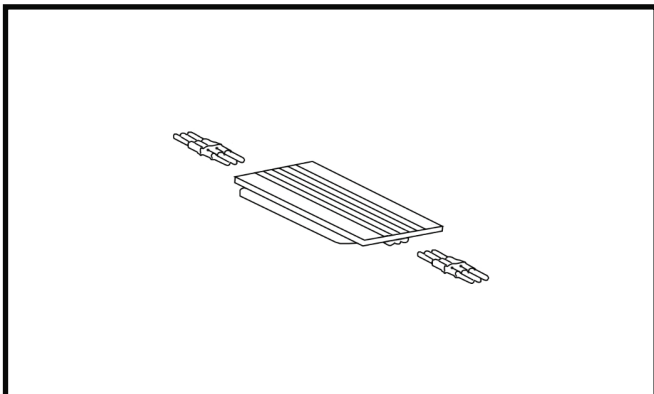
**2.** Remove the end caps with the included hex key



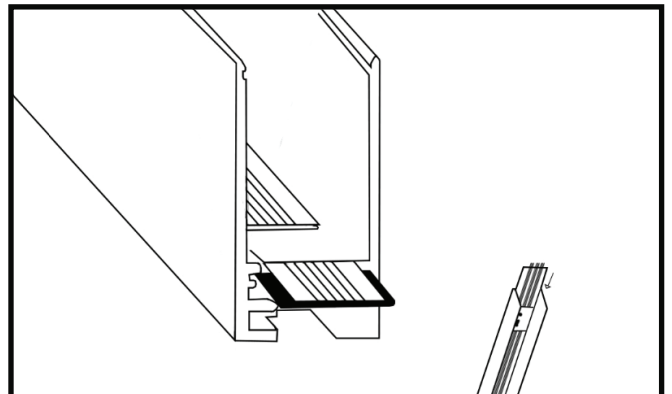
**3.** Lift and remove the decorative board from the magnet



**4.** Remove the magnet that supports the decorative board with a screwdriver



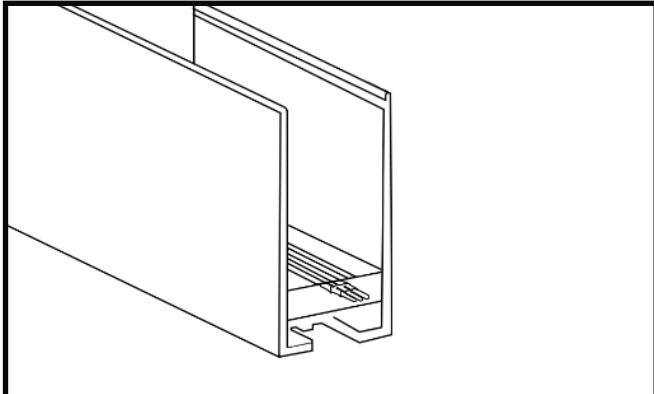
**5.** Slide pins into the powerplate



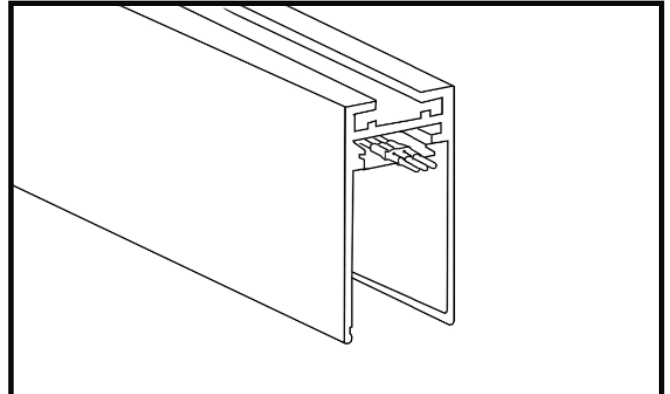
**6.** Insert powerplate into the track, making sure the pins connect properly

# Connecting Tracks.

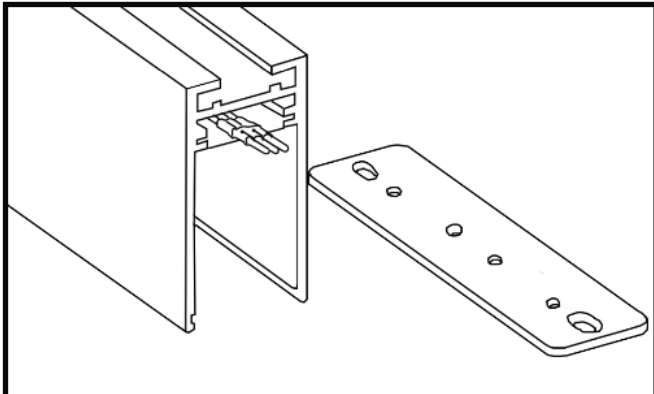
2 / 2



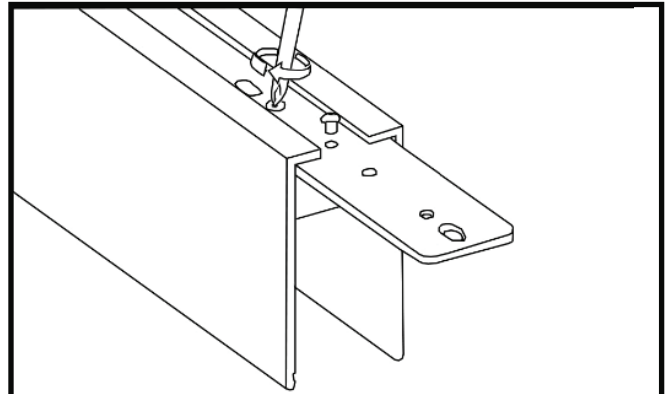
**7.** The track is now prepared for electrical connection



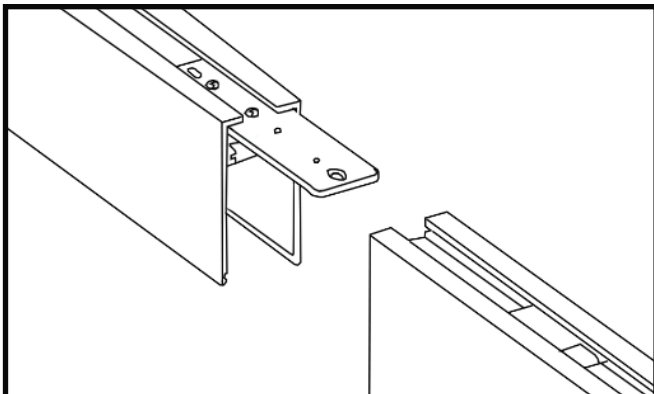
**8.** Turn the track around



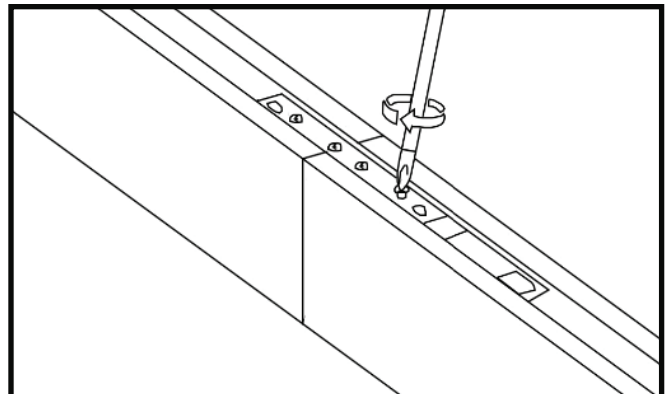
**9.** Slide the track connector into the first track



**10.** Tighten the included screws until the track connector is fixed into place

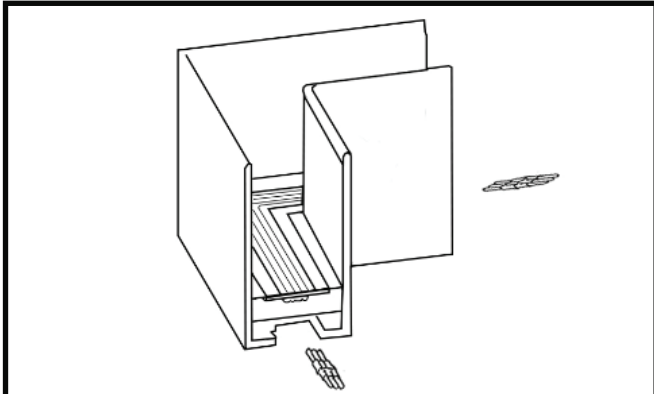


**11.** Slide the track connector and the pins into the second track, connecting tracks and electric circuit

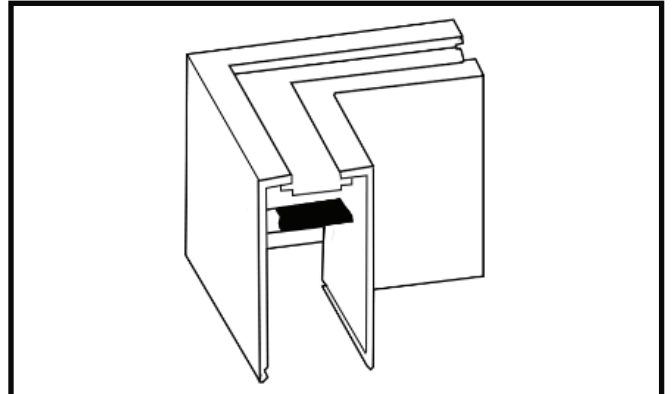


**11.** Tighten the included screws until the track connector is fixed securely in place

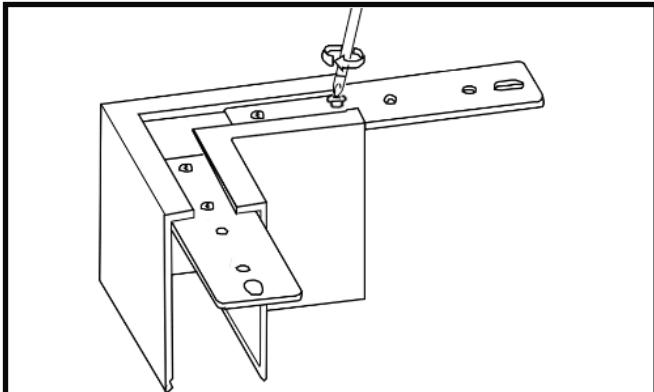
# Connecting Corners.



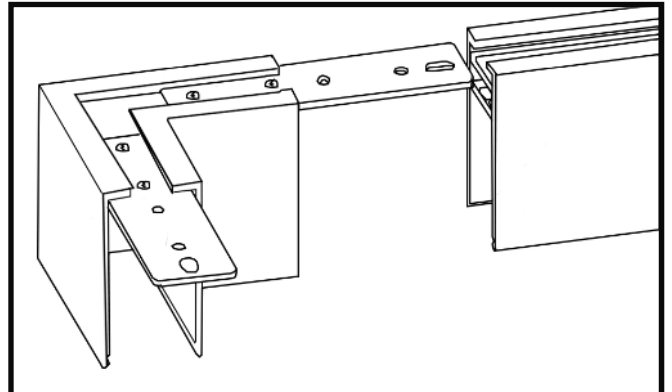
1. Slide the pins into board



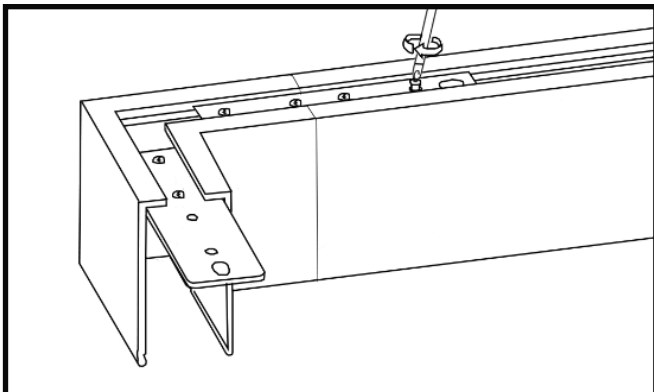
2. Turn the track around



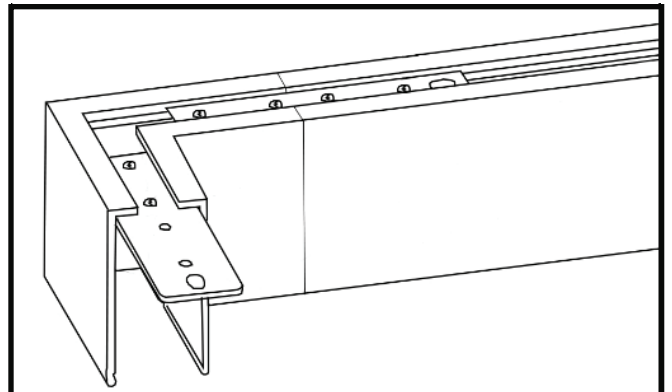
3. Slide the track connector into the corner profile and tighten screws until fixed



4. Slide the track connector and pins into the second track, connecting tracks and electric circuit



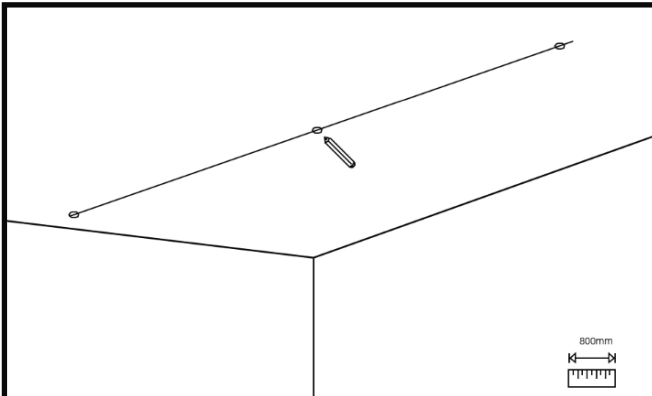
5. Tighten the included screws until track connector is fixed securely in place



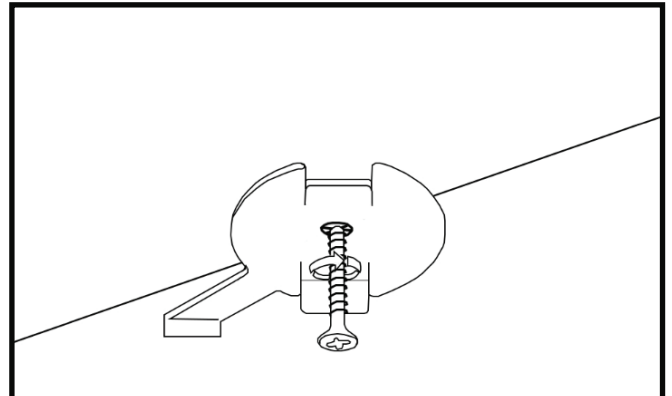
6. Repeat these steps for the other end(s)

# Mounting.

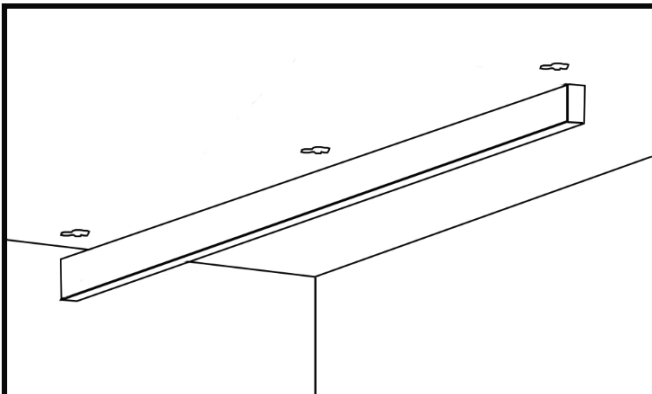
## Surface



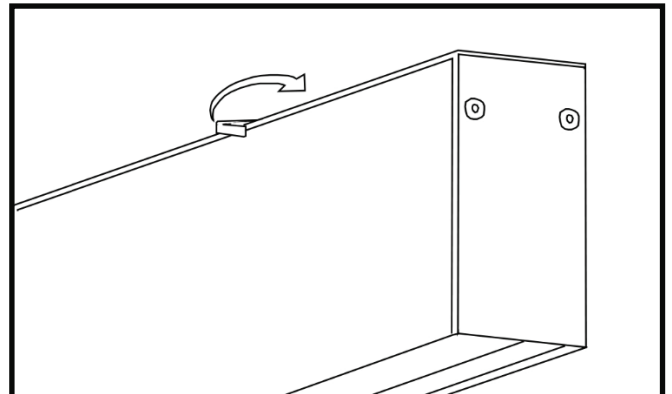
**1.** Decide position of track and mark position of mounting clips. 2 for a 1m track, 3 for a 2m track



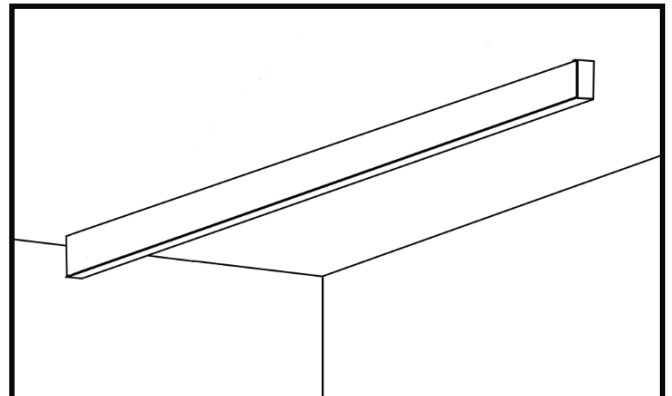
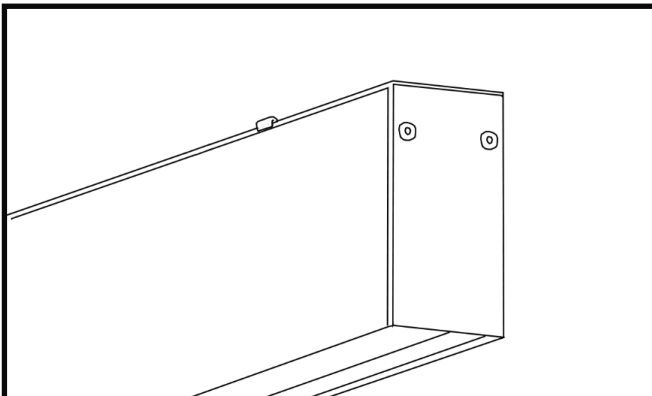
**2.** Fix mounting clips to ceiling, using suitable plugs and screws. Make sure clips are aligned with track



**3.** Place the track over mounting clips, leaving the levers exposed



**4.** Turn the levers tight until track is fixed into place

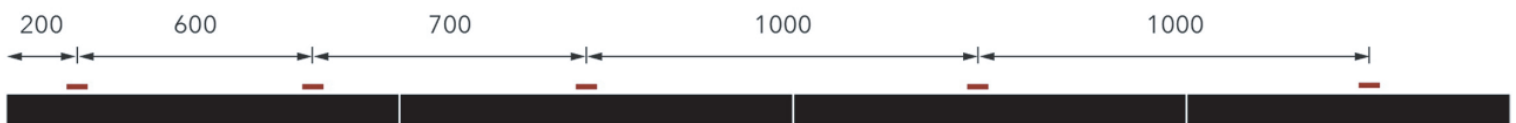


## Mounting of connected 2 metre tracks



Each 2 metre track requires 2 mounting clips. The dimensions given above are indicative. Corner profiles and driver boxes are supported by the track connectors and do not require any mounting clips. Make sure to use a clip near where the tracks are connected if you notice that the track connector alone does not give enough support.

## Mounting of connected 1 metre tracks

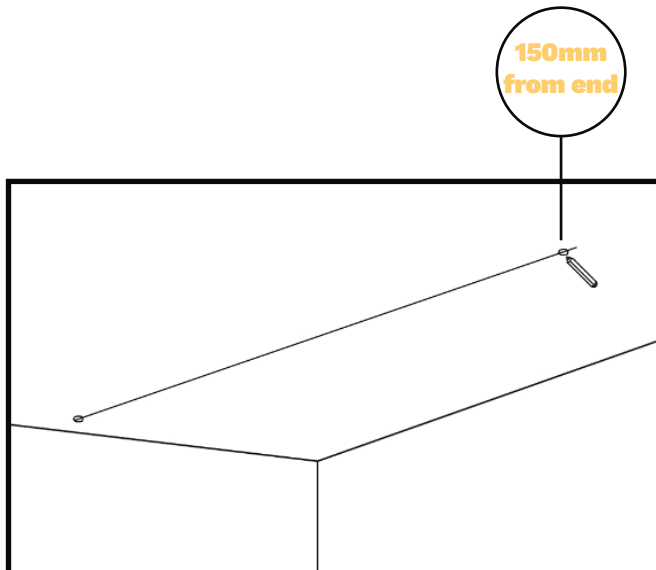


A stand alone 1 metre track requires 2 mounting clips. For connected tracks, 1 mounting clip is sufficient. Corner profiles are supported by the track connectors and do not require any mounting clips. Corner profiles and driver boxes are supported by the track connectors and do not require any mounting clips. Make sure to use a clip near where the tracks are connected if you notice that the track connector alone does not give enough support

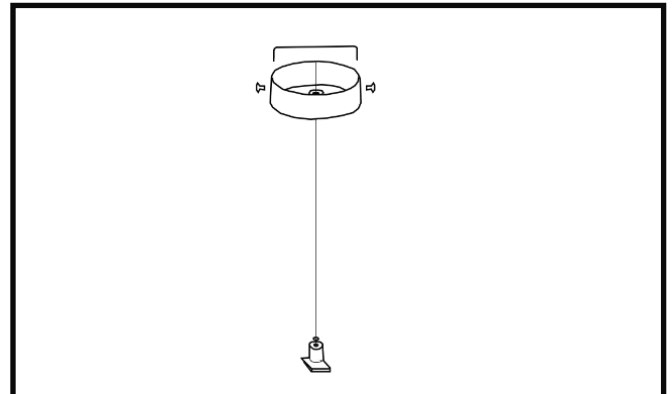
# Mounting.

## Suspended

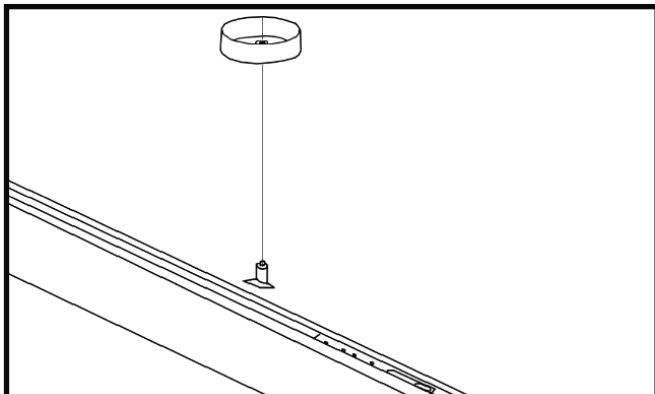
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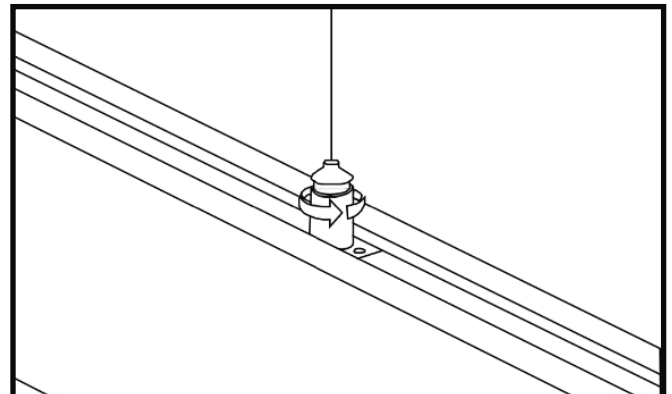
**1.** Decide position of track and mark position of mounting clips. 2 for a 1m track, 3 for a 2m track



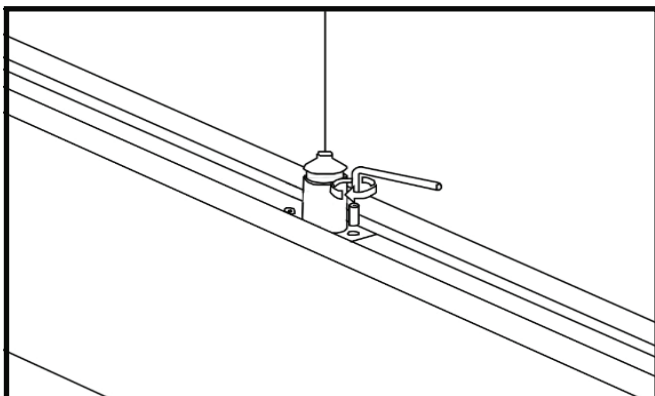
**2.** Fix suspension brackets to ceiling. Use plugs and screws suitable for the specific ceiling type



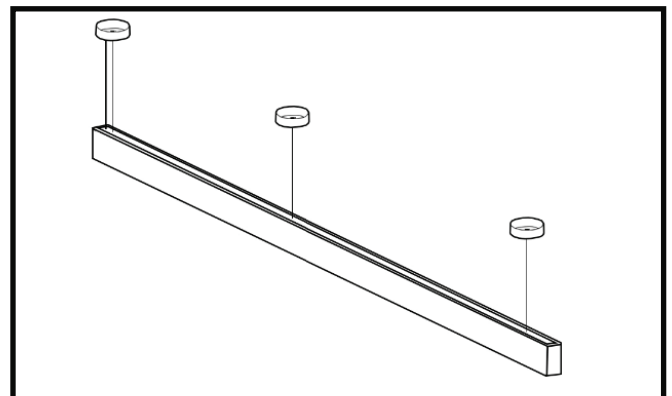
**3.** Place the track over the suspension brackets



**4.** Turn the suspension brackets until side of bracket is positioned under track exposing screw holes



**5.** Fix suspension brackets into place with the included hex socket set

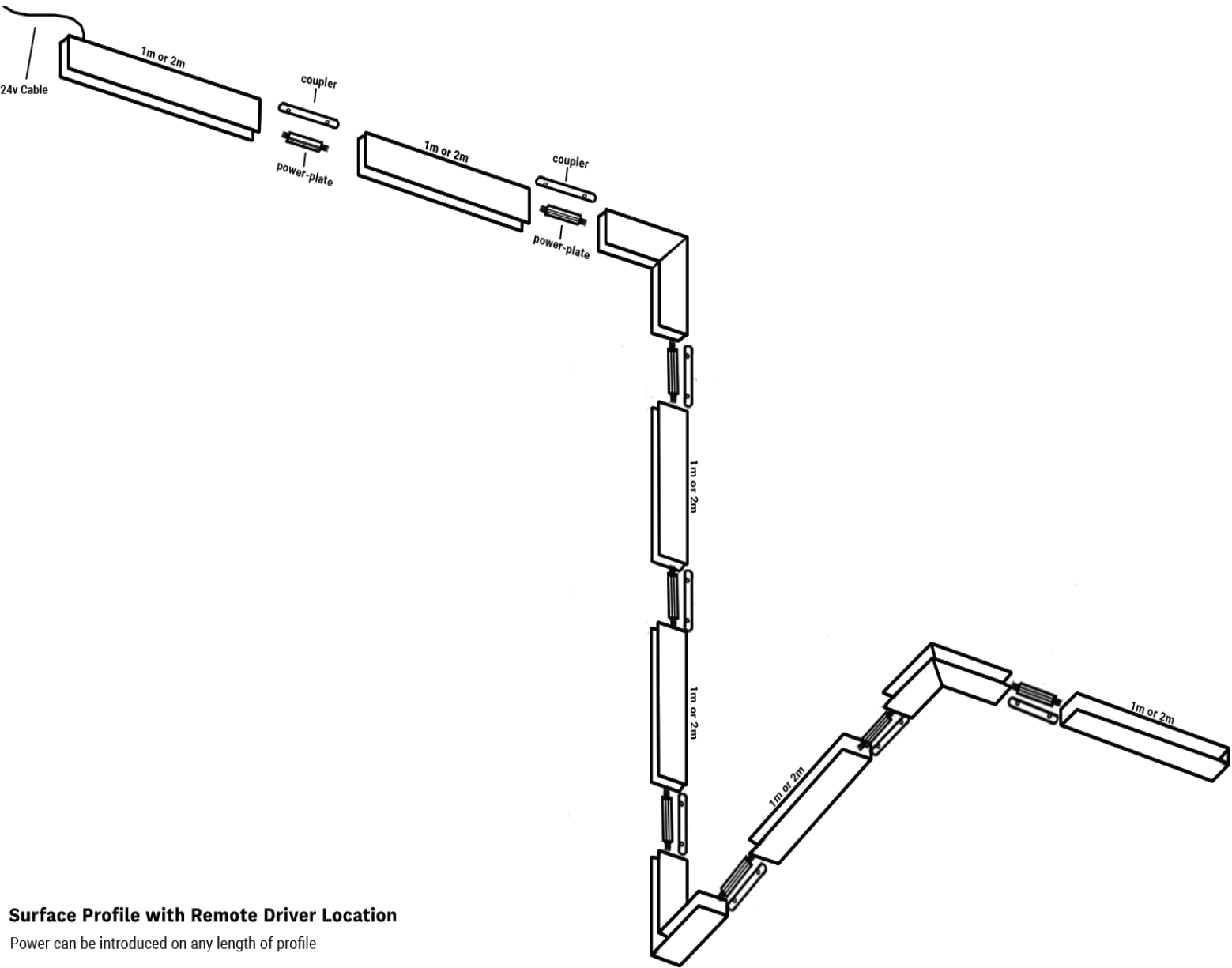




# Mounting.

## Suspended

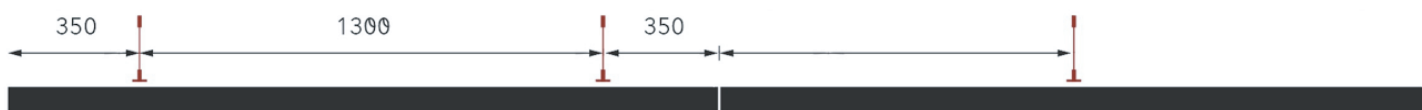
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### Surface Profile with Remote Driver Location

Power can be introduced on any length of profile

### Mounting of connected 2 metre tracks



A stand alone 2 metre track requires 2 mounting clips. For connected tracks, 1 bracket is sufficient. The dimensions given above are indicative. Corner profiles and driver boxes are supported by the track connectors and do not require any brackets. Make sure to use a bracket near where the tracks are connected if you notice that the track connector alone does not give enough support.

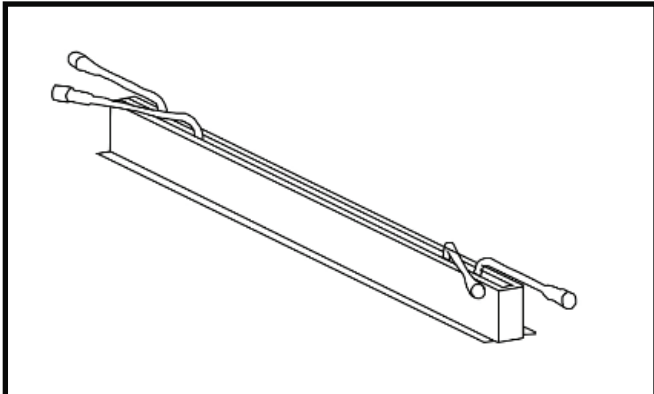
### Mounting of connected 1 metre tracks



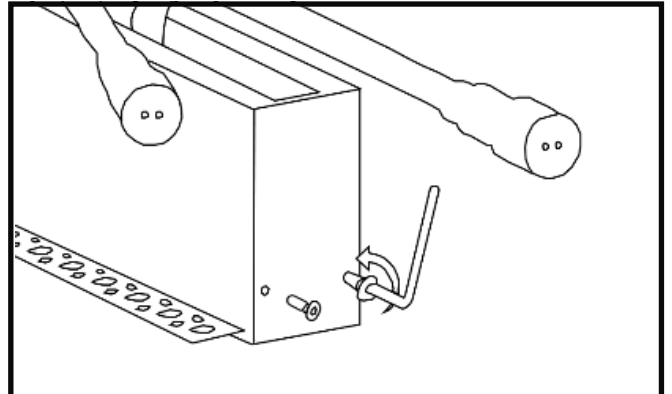
A stand alone 1 metre track requires 2 suspension brackets. For connected tracks, 1 bracket is sufficient. Corner profiles are supported by the track connectors and do not require any brackets. Corner profiles and driver boxes are supported by the track connectors and do not require any brackets. Make sure to use a bracket near where the tracks are connected if you notice that the track connector alone does not give enough support.

# Mounting.

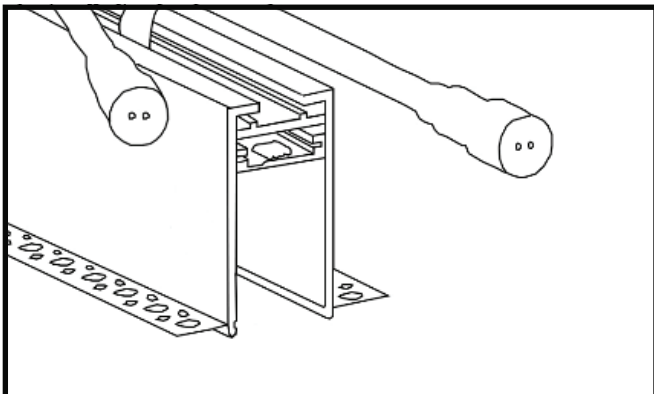
## Recessed 1 / 2



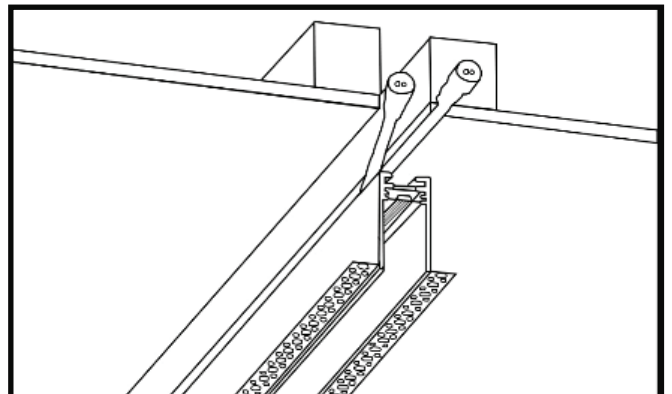
**1.** Place tracks on a flat, clean surface



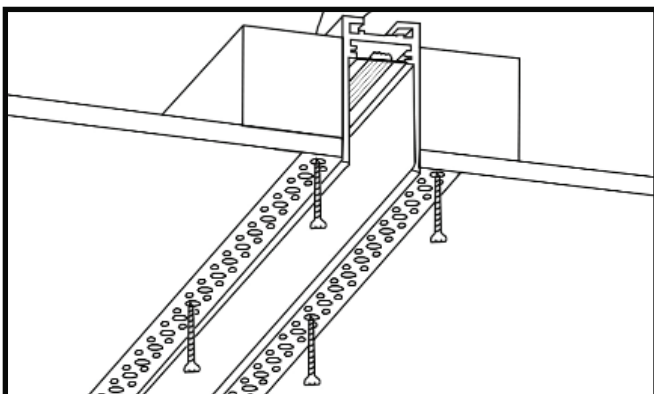
**2.** Remove end caps with included hex key



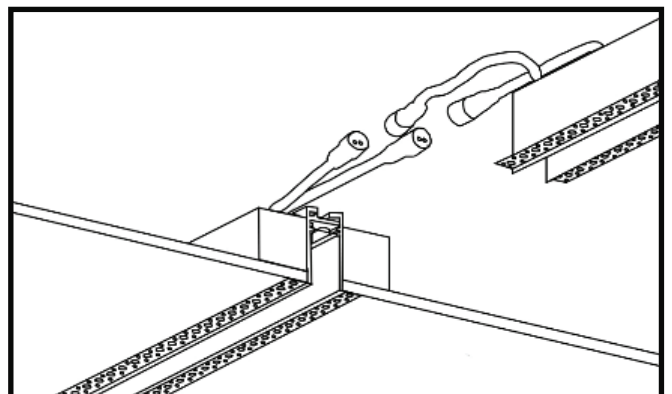
**3.** No pins are required for electrical circuit connection, only use pins to connect corners



**4.** Insert the track into the cut-out (ceiling/wall)



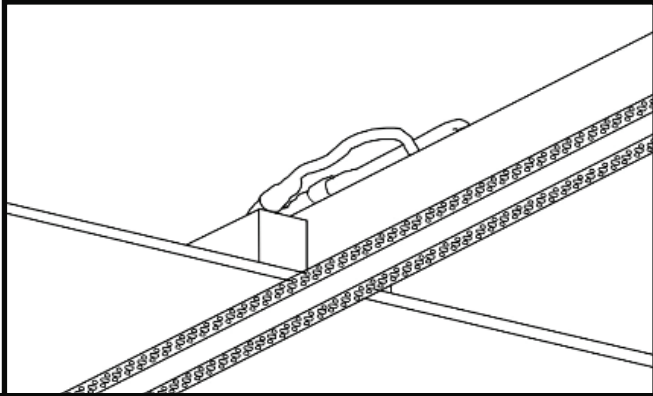
**5.** Use drywall screws to fix track in place. Wooden boards are recommended for support



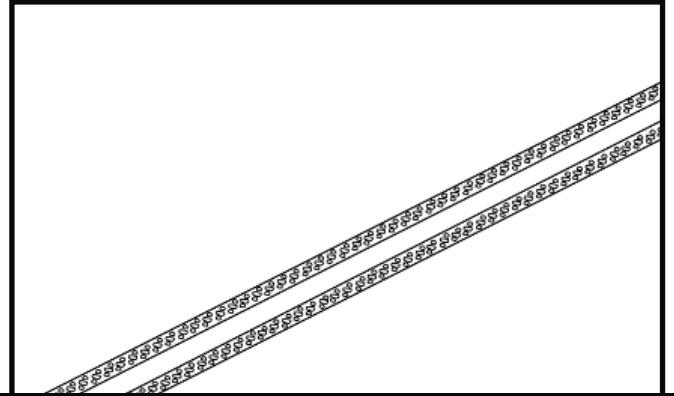
**6.** Prepare the next track following the previous steps

# Mounting.

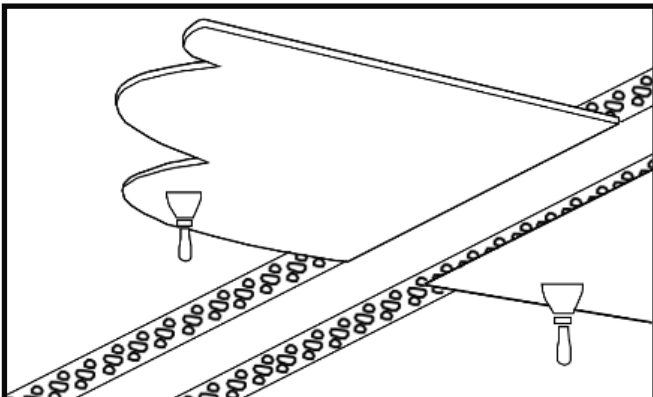
## Recessed 2 / 2



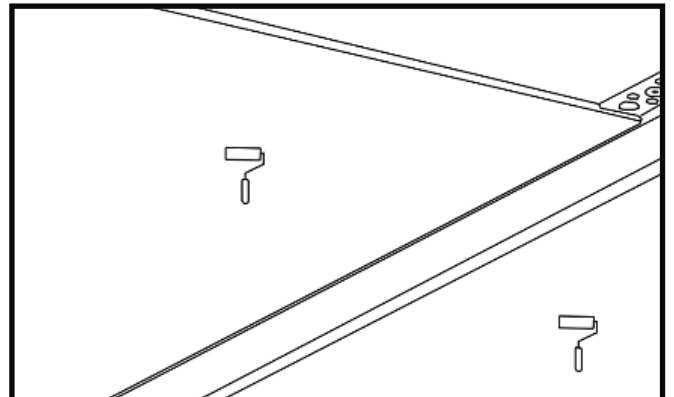
**7.** Connect cables. 1 cable for TRIAC / 1-10V. 2 cables for DALI



**8.** Tracks are now connected to the ceiling. **Always test system with LED module before plastering**



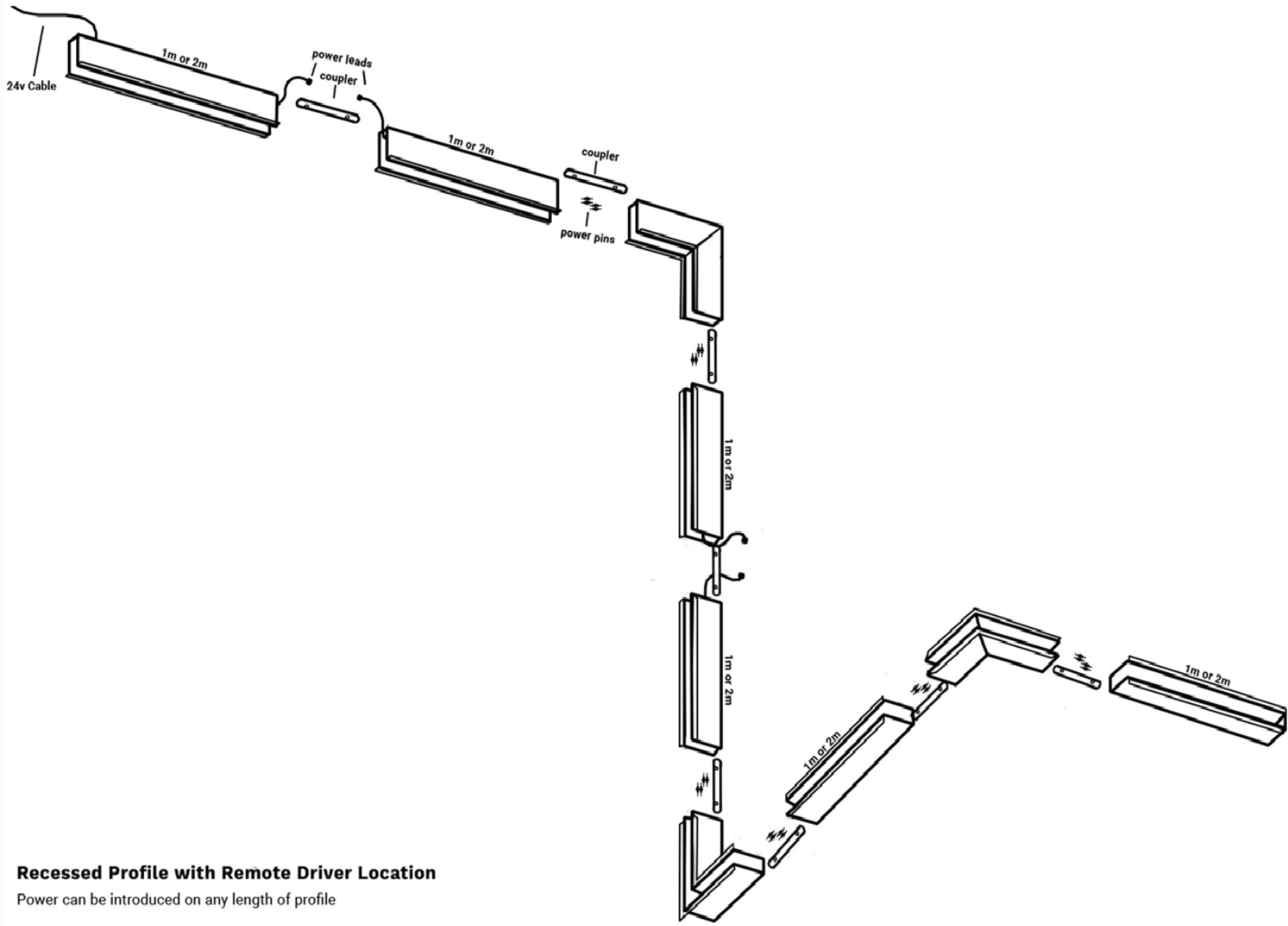
**9.** Apply plaster



**10.** When plaster is completely dry, apply paint

# Mounting.

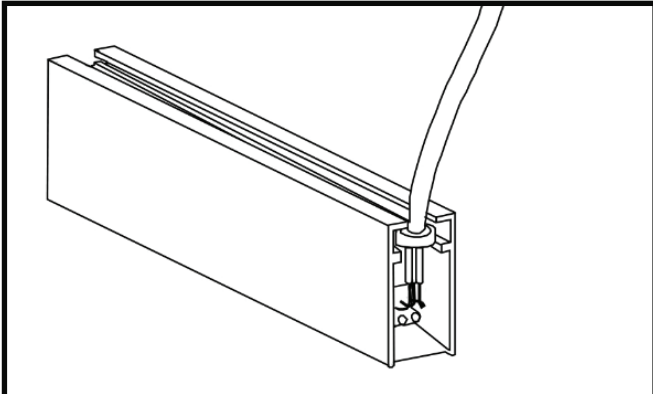
## Recessed



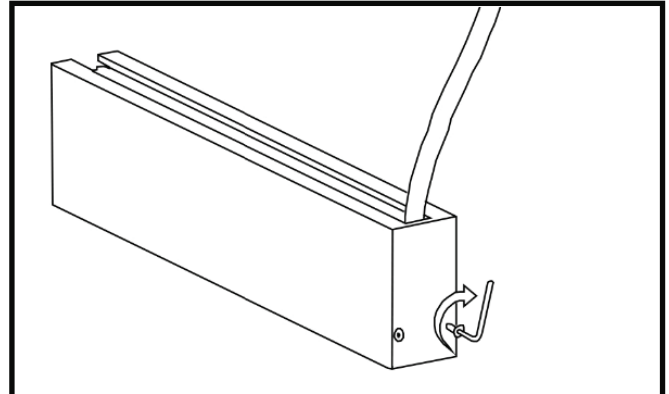
### Recessed Profile with Remote Driver Location

Power can be introduced on any length of profile

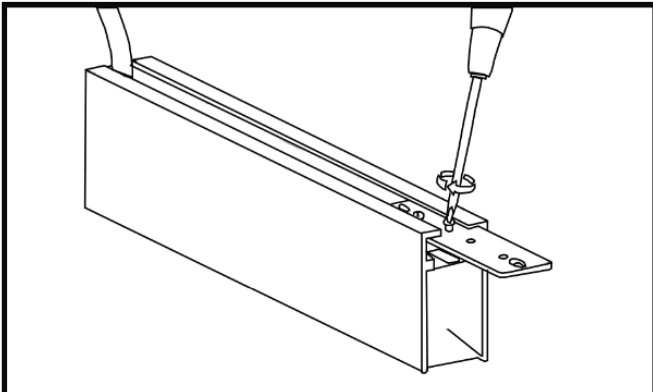
# Driver Boxes.



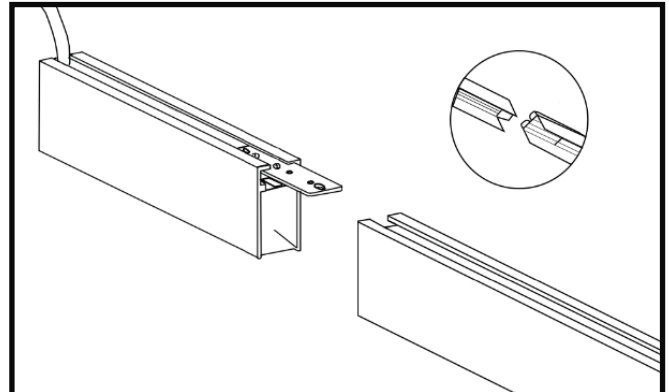
**1.** Connect cable to driver box (L/N/PE). The driver box is available for all installation types



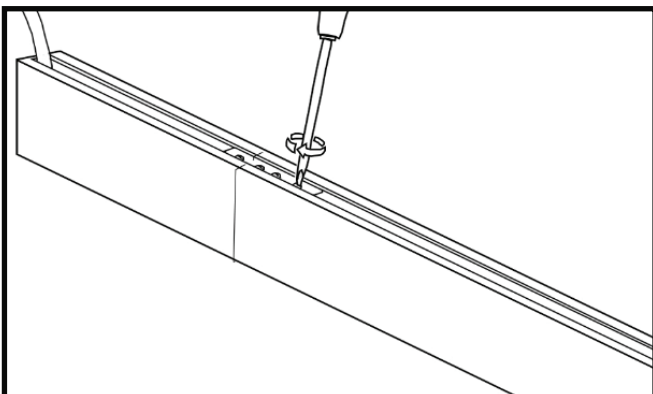
**2.** Attach end cap to the driver box. Note that the box is always located at the start/end of the system



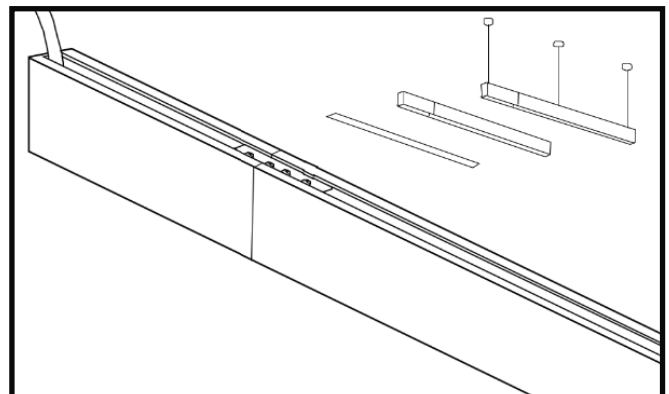
**3.** Slide track connectors into driver box and tighten screws until fixed



**4.** Slide both track connectors and pins into the track, connecting tracks and electric circuit

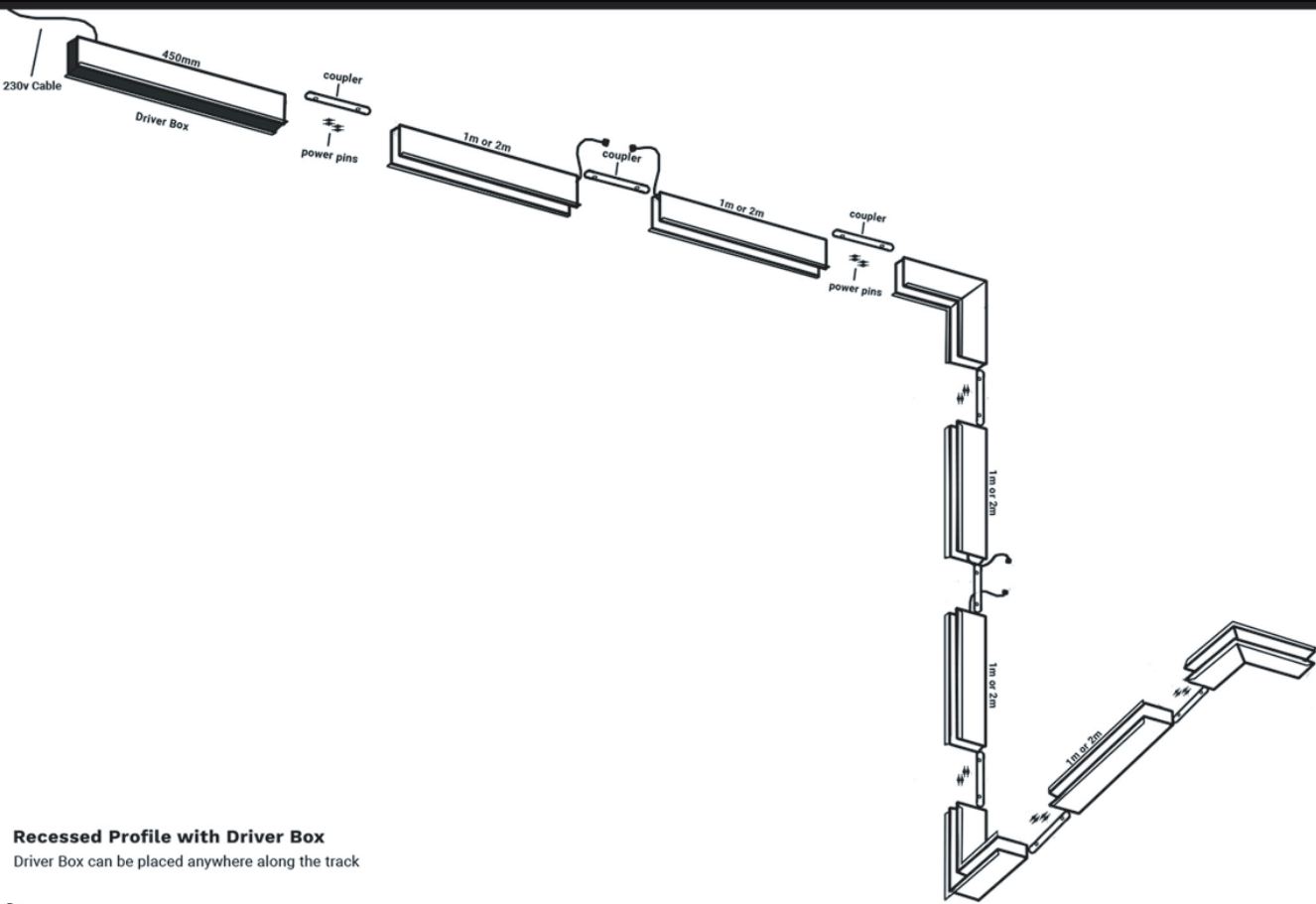


**5.** Tighten the included screws until track connector is fixed into place

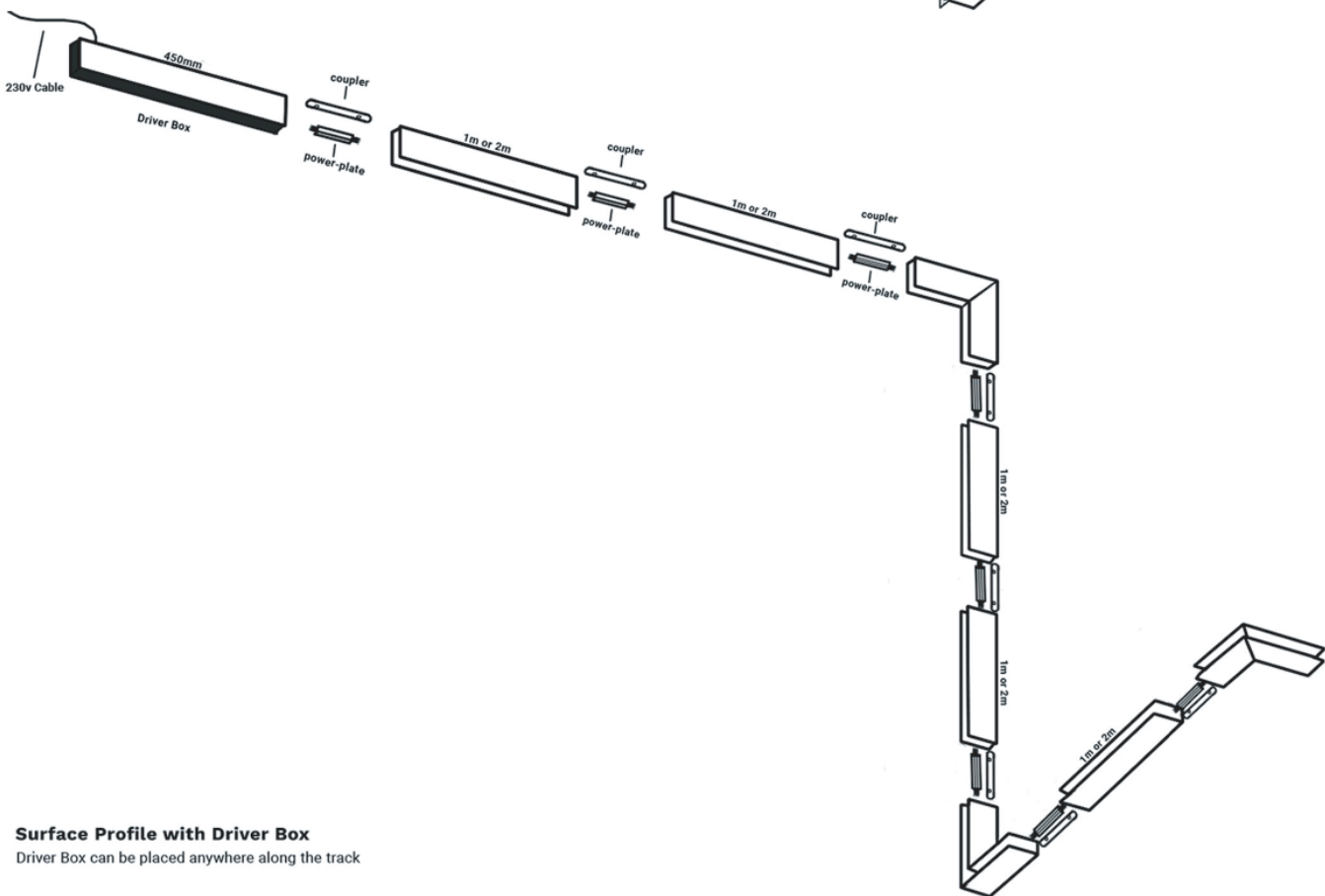


**6.** The driver box is available for all installation types. Note that the recessed driver box is different

# Driver Boxes.

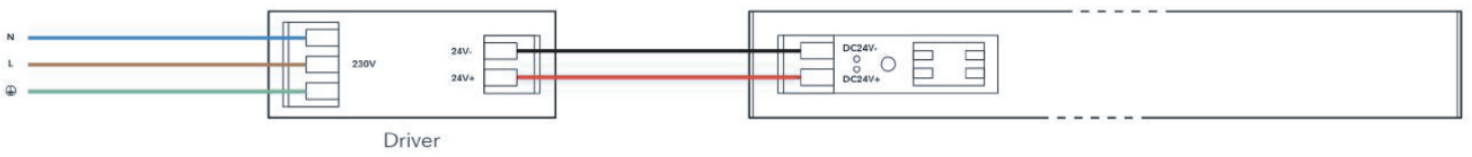


**Recessed Profile with Driver Box**  
Driver Box can be placed anywhere along the track

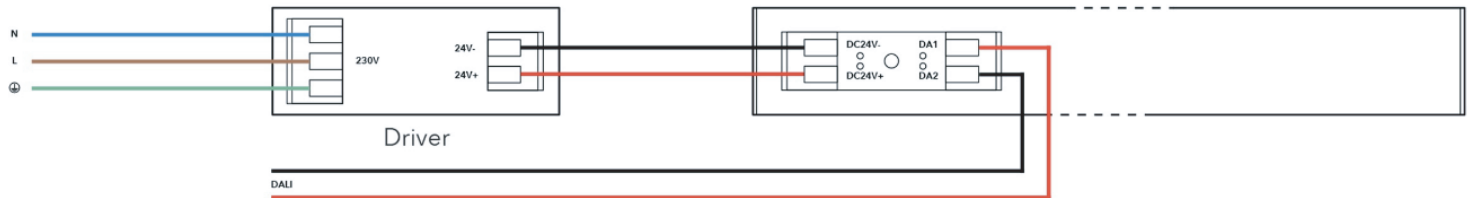


**Surface Profile with Driver Box**  
Driver Box can be placed anywhere along the track

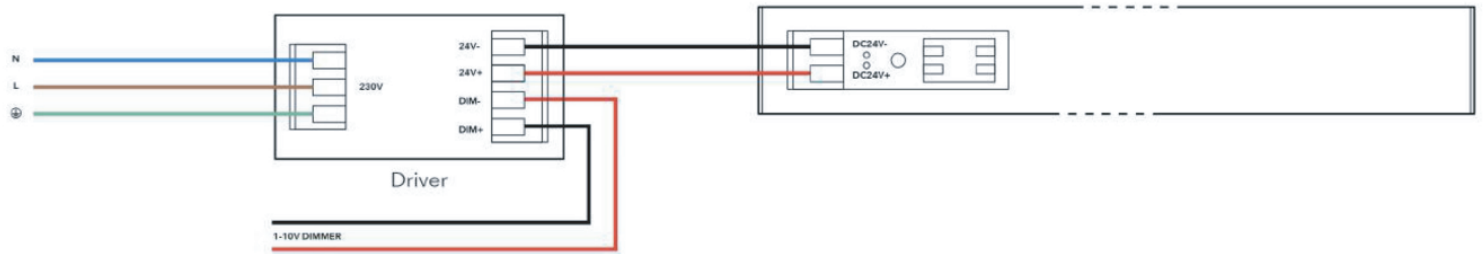
## TRIAC



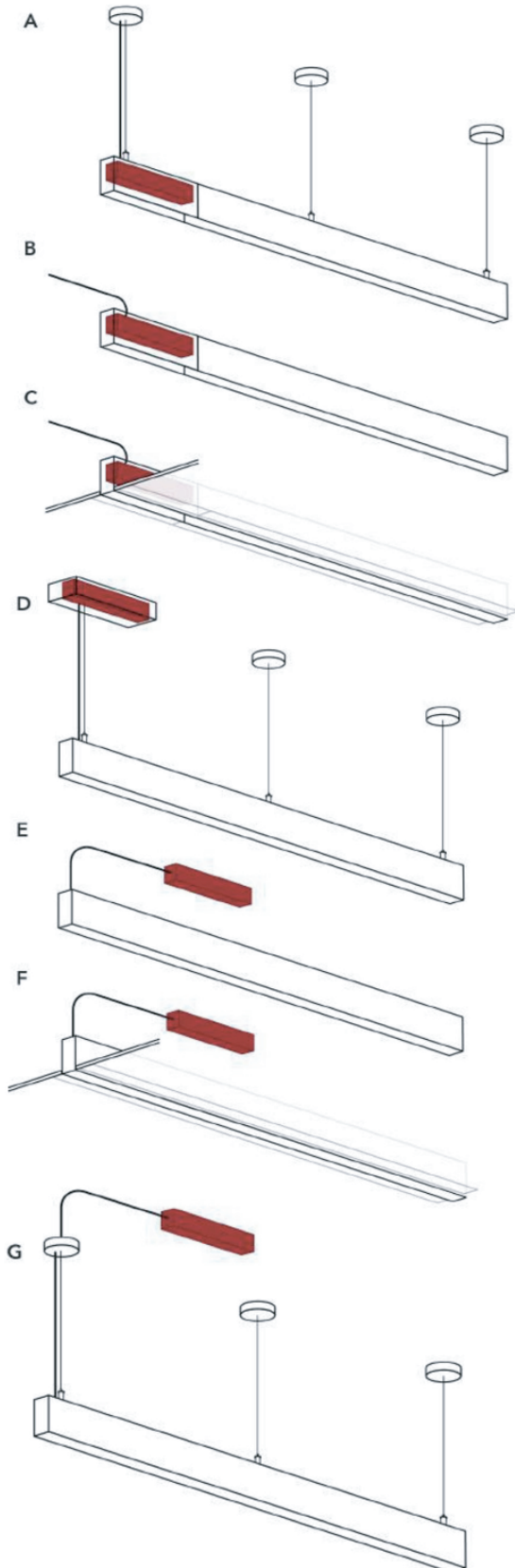
## DALI



## 1-10V







### Situations A, B, C

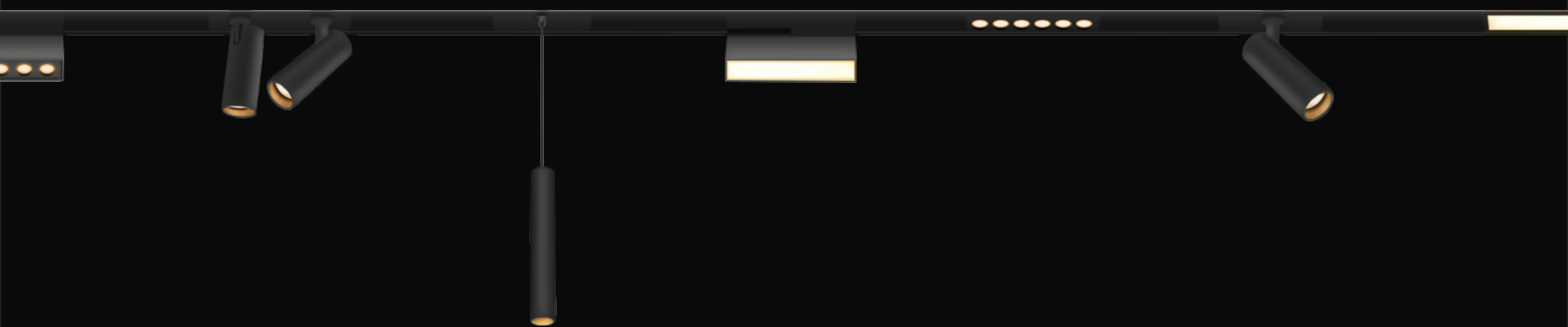
The driver is located inside the driver box.

### Situation D

The driver is located inside the ceiling box. Wires are connected on top of the track.

### Situations E, F, G

The driver is located elsewhere. Make sure the driver is accessible at all times. Wires are connected on top of the track.



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LIGHTING OF LONDON