

# Clixx 24V magnetic track system

## Installation instructions

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V 1.0.2 - March 2021



# Attention

## Installation instructions attention

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

## Warning:

Always disconnect the power before installation. Do not attempt to make any modifications on the products. Lightinova 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:

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# 1. Connecting tracks

Part 1/2



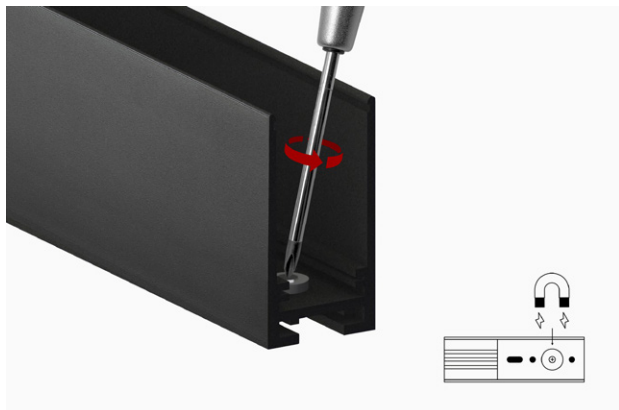
1 Place track on a flat clean surface.



2 Remove the end caps with the included hex key.



3 Lift and remove the decorative board from magnet.



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



5 Slide pins into powerplate. 3 pins for TRIAC, 1-10V, Zigbee and Zigbee Tunable white. 4 pins for DALI.



6 Insert the powerplate into the track, make sure the pins connect correctly.

# 1. Connecting tracks

Part 2/2



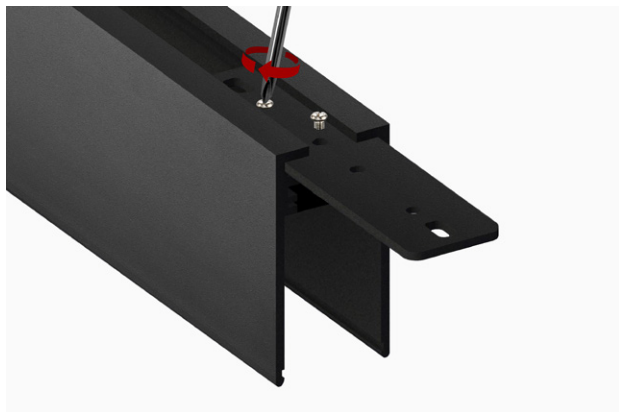
7 The track is now prepared for electrical connection.



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 both the track connector and pins into the second track, connecting tracks and electrical circuit.



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

## 2. Connecting corners



1 Slide pins into board. 3 pins for TRIAC, 1-10V, Zigbee and Zigbee Tunable white. 4 pins for DALI.



2 Turn the track around.



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



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



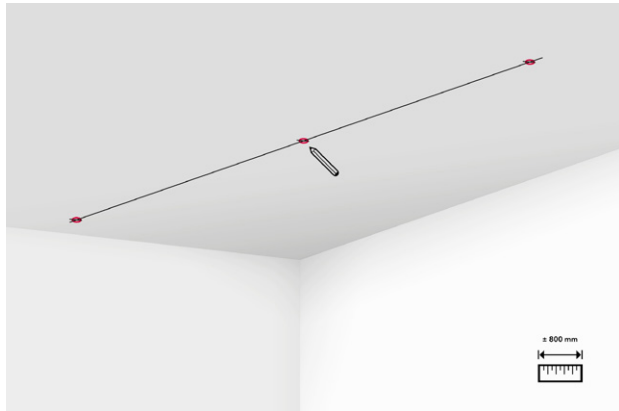
5 Tighten the included screws until track connector is fixed into place.



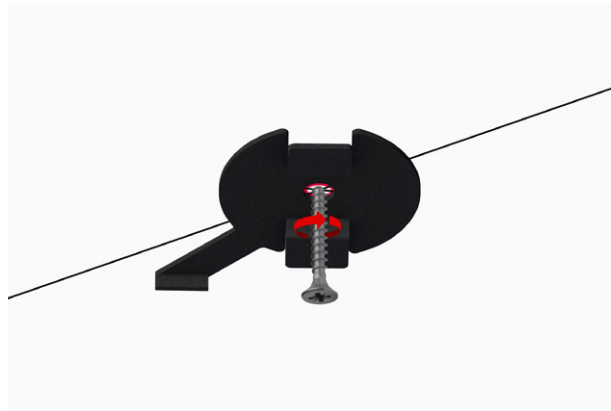
6 Repeat these steps for the other end(s).



### 3. Surface



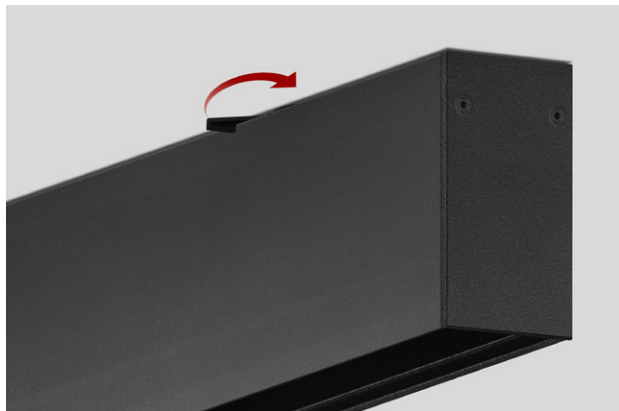
- 1 Decide position of track and mark position of mounting clips. 2 for 1m track, 3 for 2m track.



- 2 Fix mounting clips to ceiling. Use plugs and screws suitable for the specific ceiling type. Make sure clips are aligned with the track.



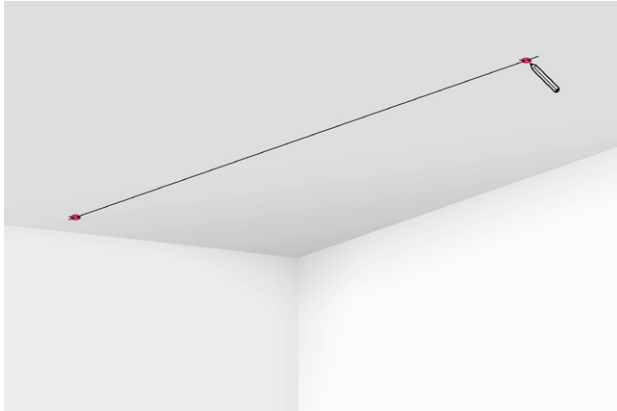
- 3 Place the track over the mounting clips, leaving the levers exposed.



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



## 4. Suspended



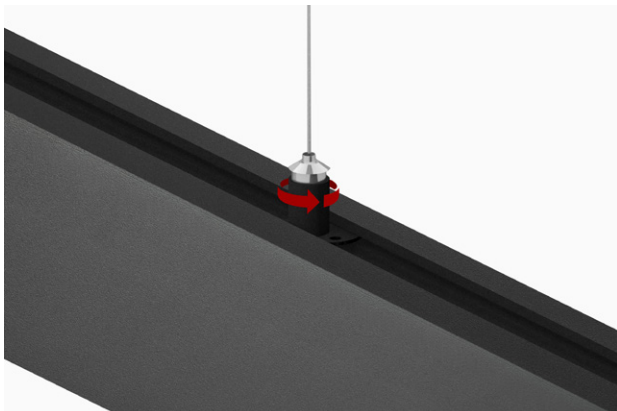
- 1 Decide position of track and mark pendant clips 150mm from end. 2 for 1m and 2m track.



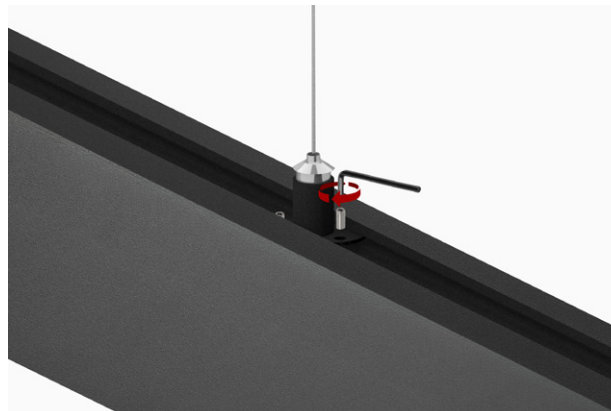
- 2 Fix suspension brackets to ceiling. Use plugs and screws suitable for the specific ceiling type.



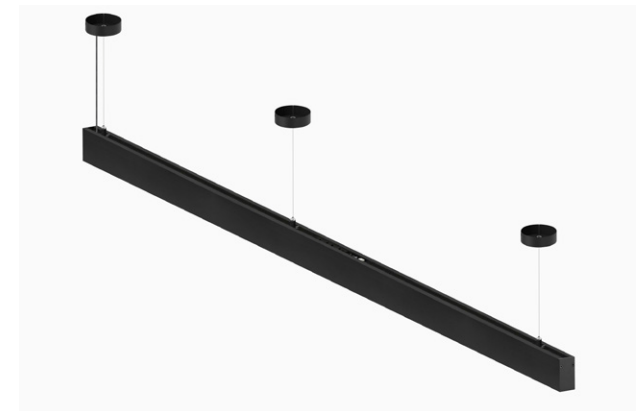
- 3 Place the track over the suspension brackets.



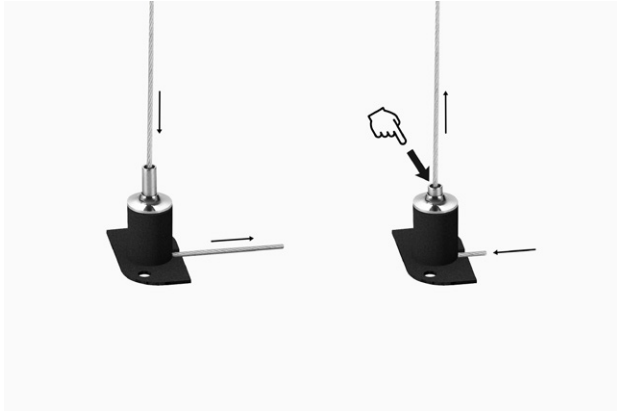
- 4 Turn the suspension brackets until straight side of bracket is positioned under track exposing the screw holes.



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



## 4. Suspended - Adjusting wires



- To shorten wire pull wire at end
- To extend wire push the top and pull wire up



## 5. Recessed

## Part 1/2



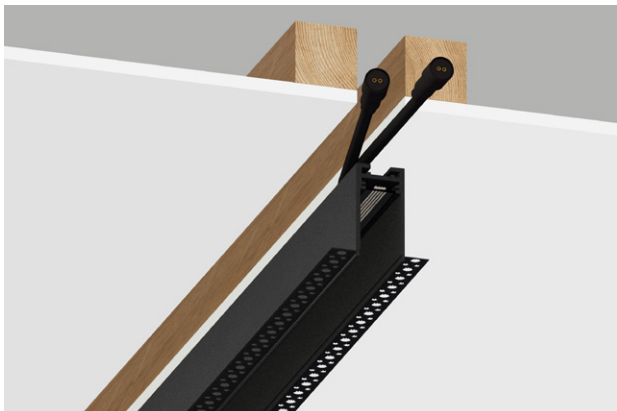
1 Place tracks on a flat clean surface.



2 Remove the end caps with the included hex key.



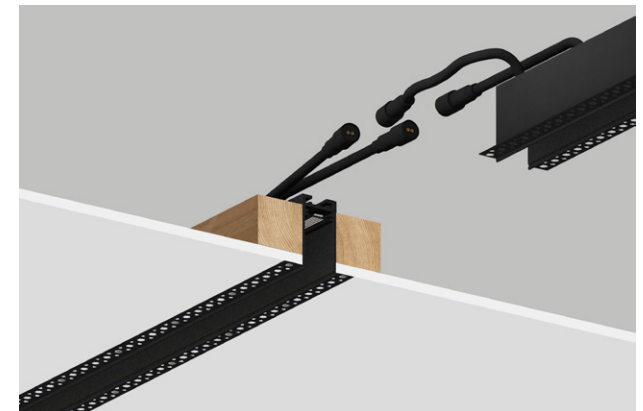
3 No pins are required for connection of the electrical circuit between tracks, only use pins to connect corner profiles.



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



5 Use drywall screws (preventing rust) to fix the track in place. Wooden boards are recommended as support. Make sure screws do not protrude.



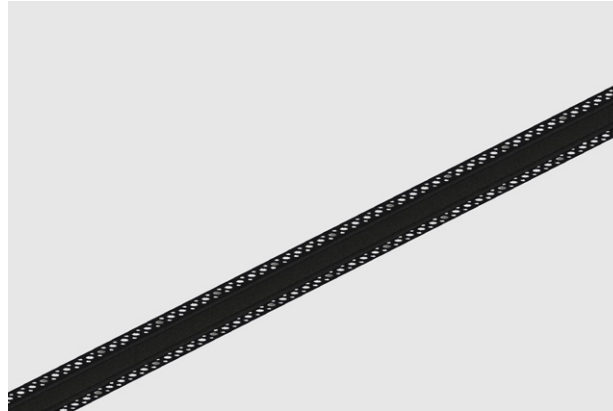
6 Prepare the next track following the previous steps.

## 5. Recessed

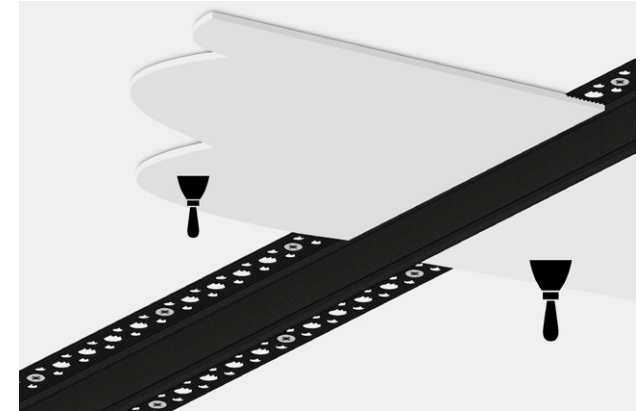
## Part 2/2



- 7 Connect cables. 1 cable for TRIAC, 1-10V, Zigbee and Zigbee Tunable white. 2 cables for DALI.



- 8 Tracks are now connected and fixed to the ceiling.  
**Always test system with LED module before applying the plaster!**



- 9 Apply the plaster.



- 4 When the plaster is completely dry, apply paint.

## 6. Driver box



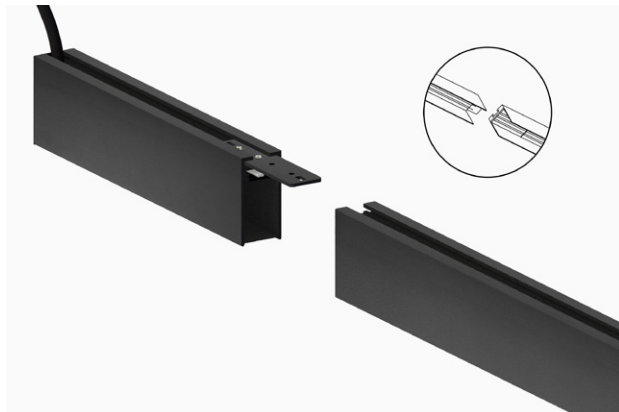
- 1 Connect cable to driver box (L/N/PE). The driver box is available for all installation types.



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



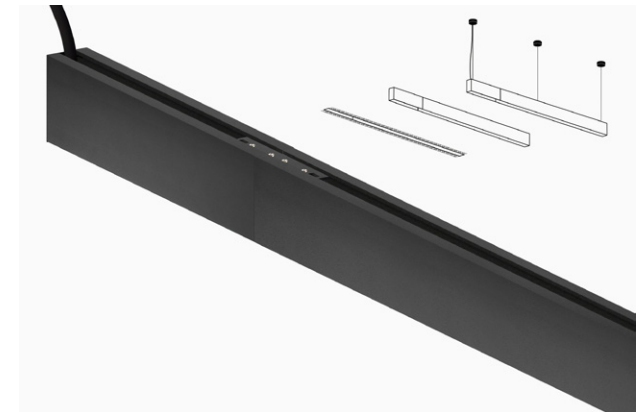
- 3 Slide the track connectors into the driver box and tighten screws until fixed.



- 4 Slide both the track connector and pins into the track, connecting tracks and electrical circuit.



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

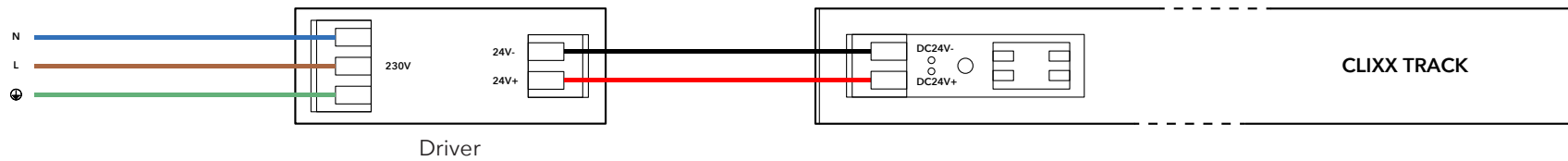


- 6 The driver box is available for all installation types. Note that the recessed driver box is different.

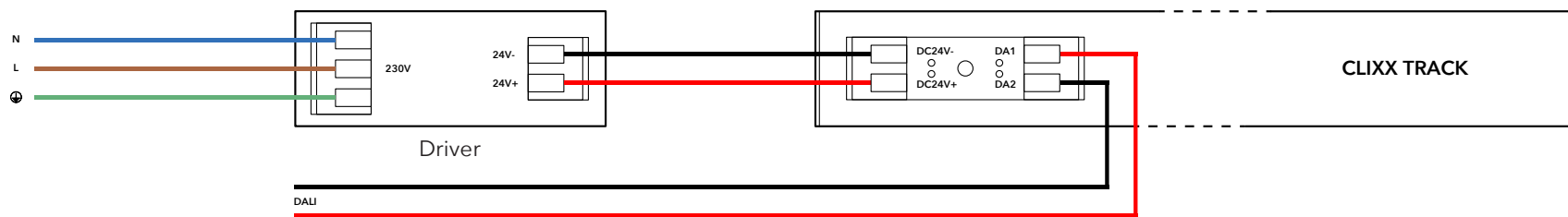
# 7. Wiring

## Part 1/2

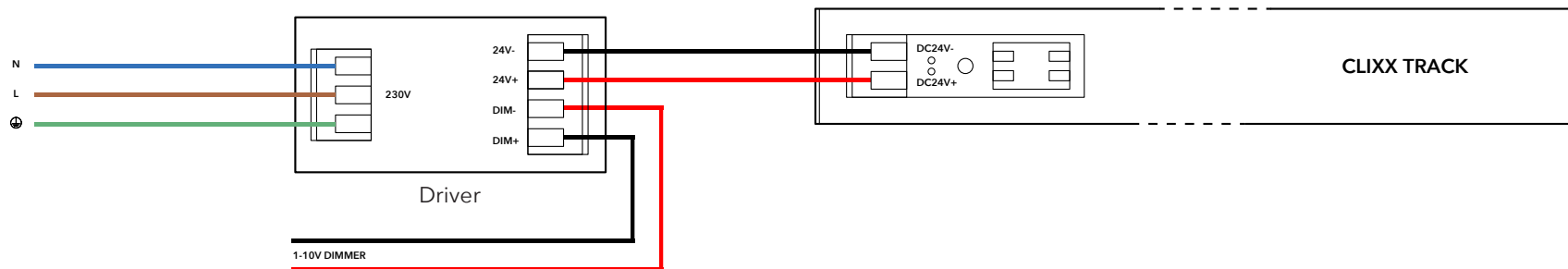
### TRIAC, Zigbee and Zigbee Tunable White



### DALI

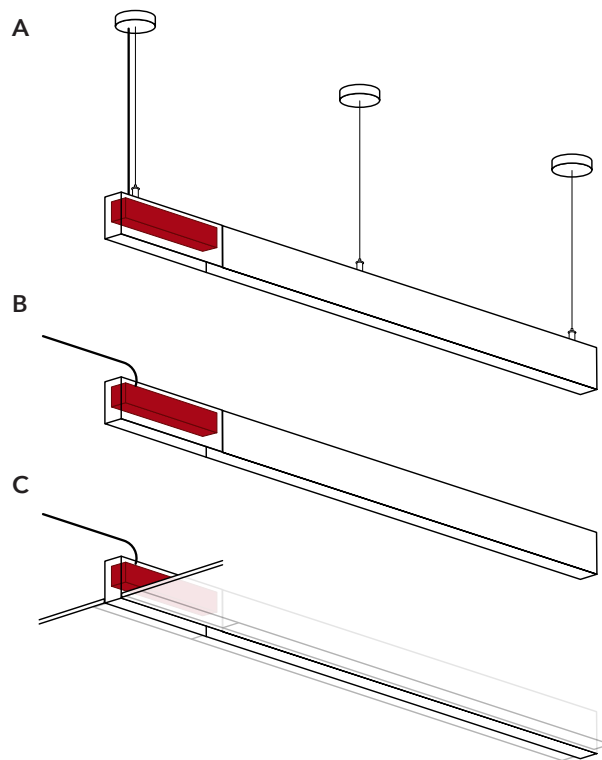


### 1-10V



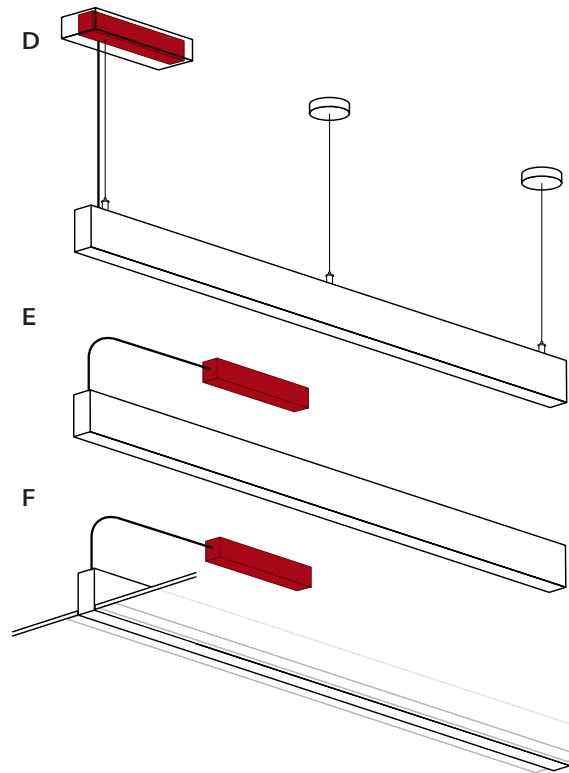
# 7. Wiring

## Part 2/2



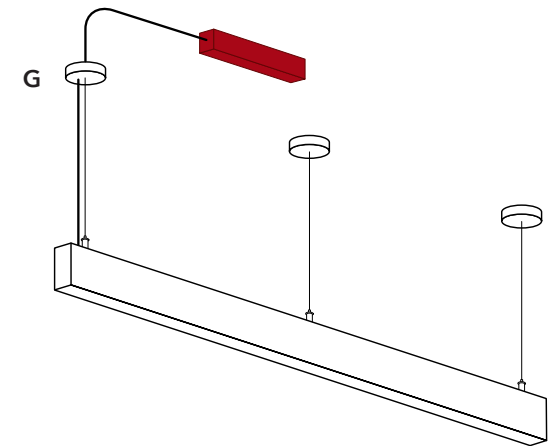
### Situation A, B, C

The driver is located inside the driver box. Only in the case of DALI 2 wires should be guided over the driver box to the track. L, N and PE are automatically connected to the track through the driver box.



### Situation D

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



### Situation 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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