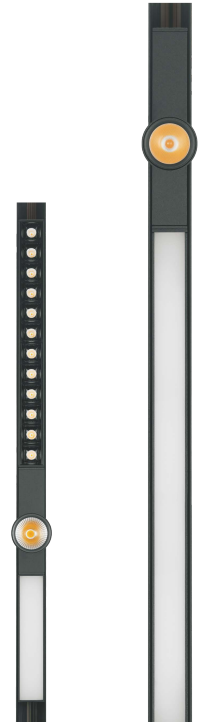
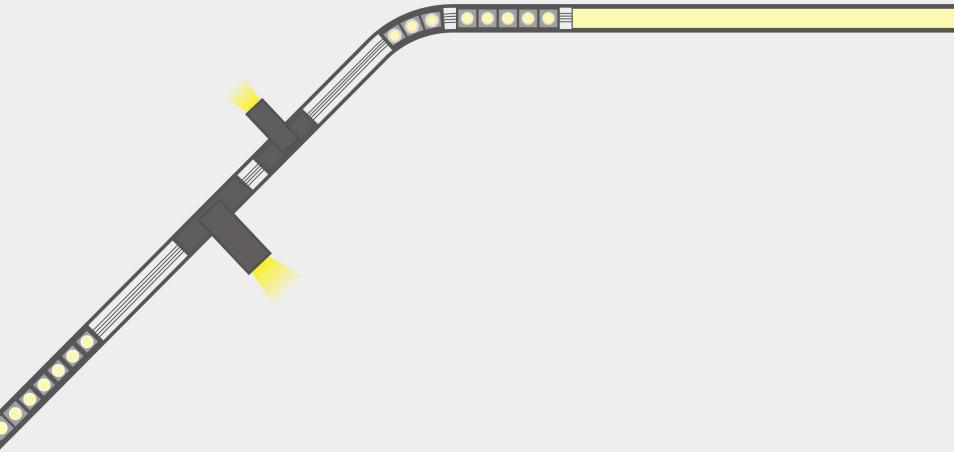


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MAGNETIC TRACK SYSTEM

INSTALLATION INSTRUCTIONS



WARNING: Failure to follow instructions could result in damage to product and void warranties!
WARNING: Risk of fire or electrical shock. Disconnect power before installing or servicing.
WARNING: Verify the existing input voltage and ensure it matches input rating on luminaire's product label, located on inside of access cover.
WARNING: Before proceeding, read all instructions carefully to ensure proper and safe installation.

If you have questions or concerns, please contact us:
te. 212-876-5373 or info@techoled.com – we are here to help!



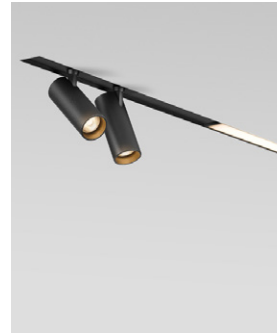


CONTENTS

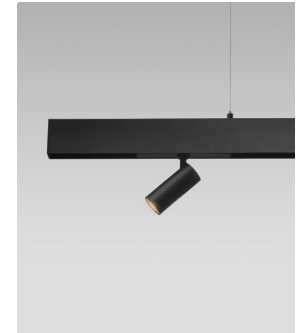
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Surface installation
Page 8-9



Recessed installation
Page 10-11



Suspended installation
Page 12-13

Connecting tracks (surface/suspended)

Page 4 - 5

Connecting corners (all installations)

Page 6

Connecting track driver box (all installations)

Page 7

Wiring (all installations)

Page 14 - 15

1. CONNECTING TRACKS (SURFACE AND SUSPENDED INSTALLATION)

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Place track on a flat clean surface.



Remove the end caps with the included hex key or screwdriver.



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



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



Slide 'pins' into 'powerplate'.
2 x pin-2 for all dimming types
pin-3 for TRIAC, 2 x pin-2 for 1-10V and DALI.



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

4 * The 'decorative plate' should only be removed when connecting both sides of the track. If only 1 side of the track is connected, choose the side without the plate, which can be connected directly with 'pins'.



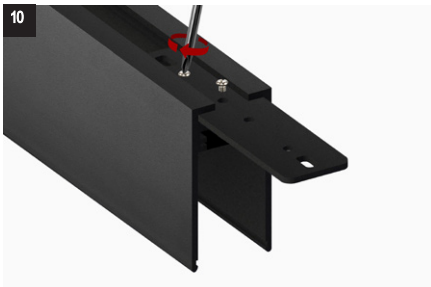
The track is now prepared for electrical connection.



Turn the track around.



Slide the 'track connector' into the first track.



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



Slide both the 'track connector' and 'pins' into the second track, connecting tracks and electrical circuit. Make sure the pins connect with the terminal block.



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

2. CONNECTING CORNERS (ALL INSTALLATIONS)

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Slide 'pins' into board.
2 x pin-2 for all dimming types
pin-3 for TRIAC, 2 x pin-2 for 1-10V and DALI.



Turn the track around.



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



Slide both the 'track connector' and 'pins' into the second
track, connecting tracks and electrical circuit. Make sure
the 'pins' connect with terminal block.



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



Repeat these steps for the other end(s).

3. CONNECTING TRACK DRIVER BOX (ALL INSTALLATIONS)



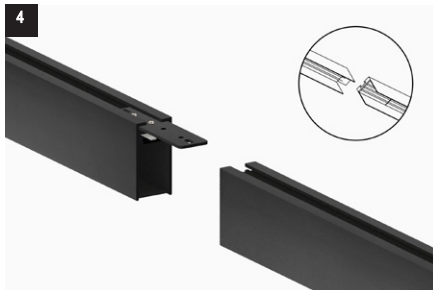
1 Connect cable to driver box (L/N/PE). The driver box is available for all installation types.



2 Attach the end cap to the driver box. Note that the driverbox is located at the start/end of the track system or when connectable at both ends in the middle.



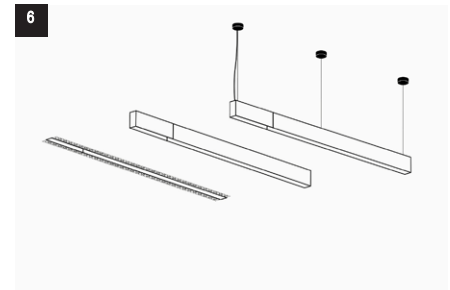
3 Slide the 'track connector' into the 'driver box' and tighten screws until fixed.



4 Slide both the 'track connector' and 'pins' into the track, connecting tracks and electrical circuit. Make sure the 'pins' connect with the terminal block in the track.



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

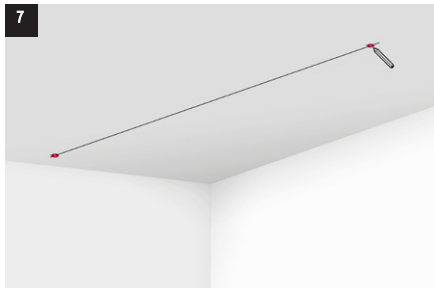


6 The driver box is available for all installation types. Note that the recessed driver box is different. There is also a driverbox available that can be connected at both ends and placed in the middle.

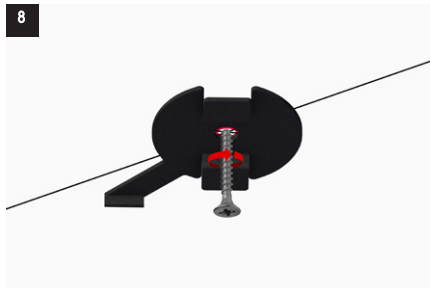
4. SURFACE INSTALLATION

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For electrical connection and wiring go to page 14-15



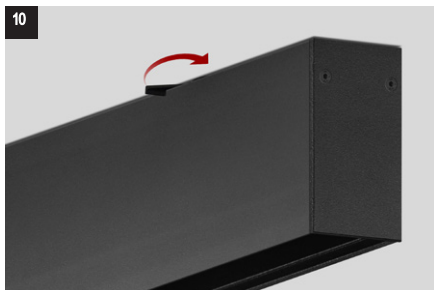
Decide position of track and mark position of mounting clips. Detailed instructions on next page.



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



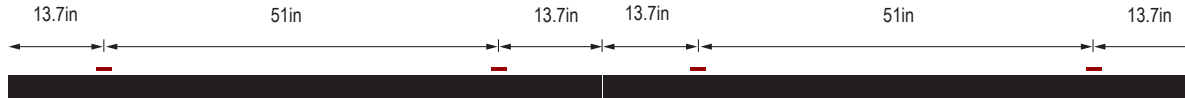
Place the track over the mounting clips, leaving the levers exposed.



Turn the levers tight until track is fixed into place.



Mounting of connected 78.4in racks



Each 78.4in 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 39.3in meter tracks

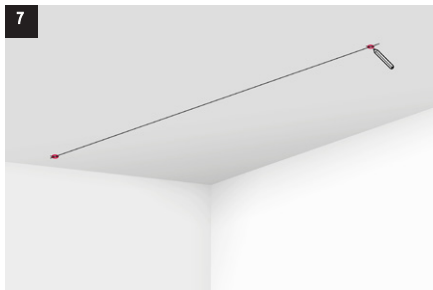


A stand alone 39.3in track requires 2 mounting clips. For connected tracks 1 mounting clip is sufficient. Corner profiles are supported by the track connectors and do not require any mounting clips. Corner profiles and driver boxes are supported by the track connectors and do not require any mounting 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.

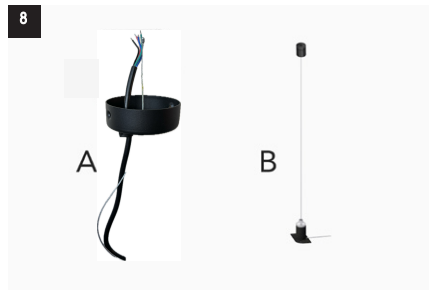
5. SUSPENDED INSTALLATION

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For electrical connection and wiring go to page 14-15



Decide position of track and mark pendant clips. 2 for 39.3in and 78.4in track.



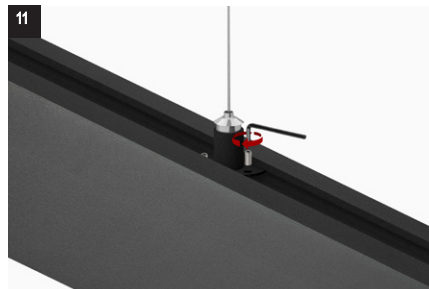
Attach the ceiling rose (A) over the central box and suspension brackets (B) to the ceiling. Use plugs and screws that are suitable for the specific ceiling type.



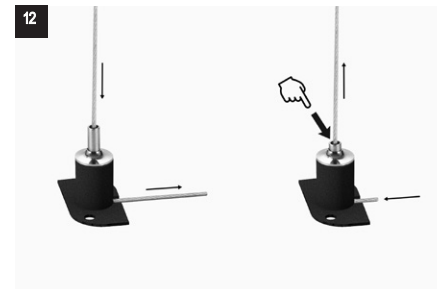
Place the tracks over the brackets. Connect the power cable on top of the track (between the sliders) or to the driver box or input terminal. (See page 15)



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



Fix suspension brackets into place with included hex socket set.



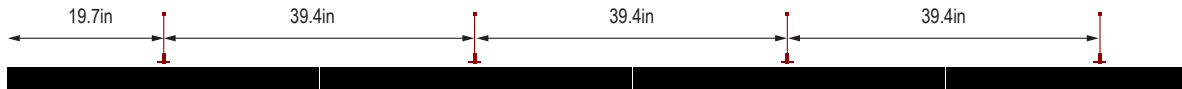
- To shorten wire pull wire at end
- To extend wire push the top and pull wire up

Mounting of connected 78.4in tracks



A stand alone 78.4in 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 brackets near where the tracks are connected if you notice that the track connector alone does not give enough support.

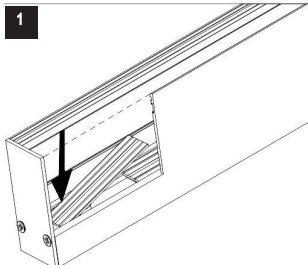
Montage van aangesloten 39.3in tracks



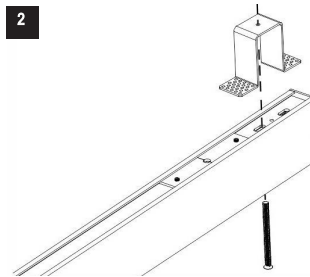
A stand alone 39.3in track requires 2 suspension brackets. For connected tracks 1 bracket is sufficient. Corner profiles and driver boxes are supported by the track connectors and do not require any brackets. Make sure to use a bracket near where the tracks are connected if you notice that the track connector alone does not give enough support.

6. RECESSED INSTALLATION

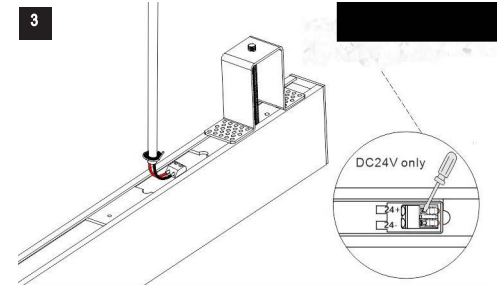
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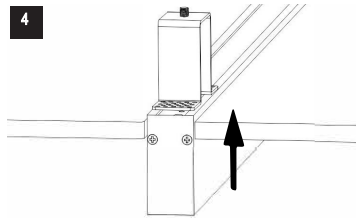
Remove magnetic plate



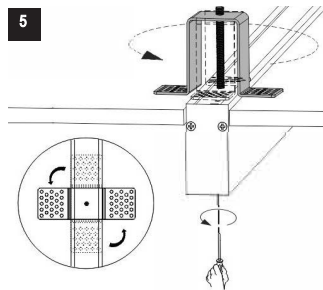
Install Recessed kit



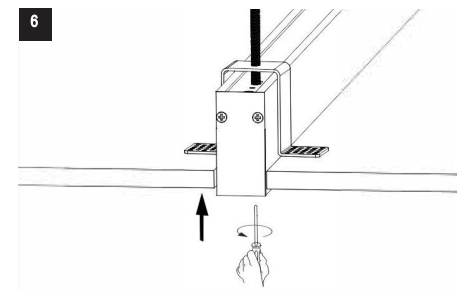
Connect driver to the track (24V)



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



Release the recessed kit and turn it 90°



Screw and lift the track up into the ceiling

6. RECESSED INSTALLATION

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Place tracks on a flat clean surface.



Remove the end caps with the included hex key.



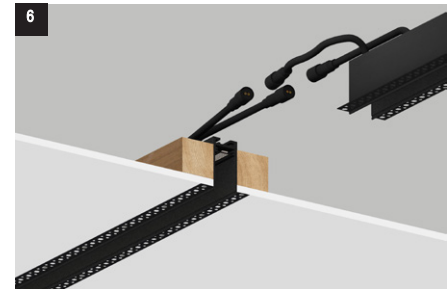
No pins are required for connection of the electrical circuit between tracks, only use pins to connect corner profiles.



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



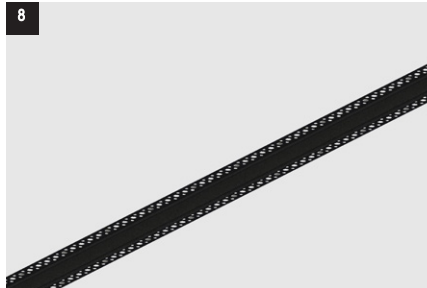
Use drywall screws (preventing rust) to fix the track in place. Wooden boards are recommended as support. Make sure screws do not protrude and to **not distort the track**.



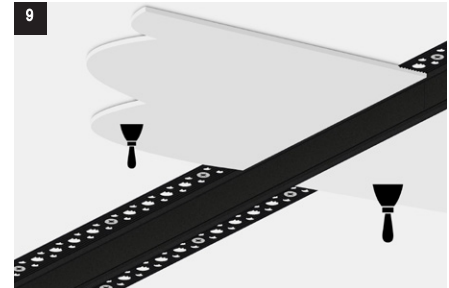
Prepare the next track following the previous steps.



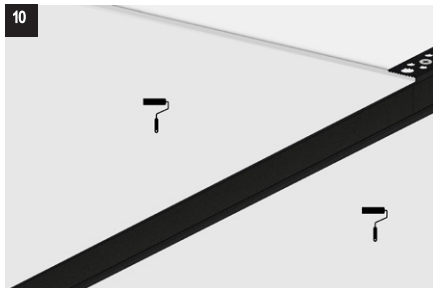
Connect cable(s) on top. 1 cable for TRIAC and 0-10V, 2 cables for DALI.



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



Apply the plaster.

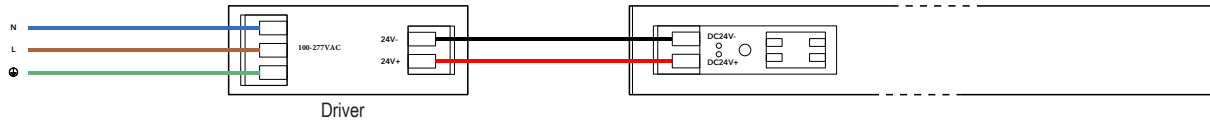


When the plaster is completely dry, apply paint.

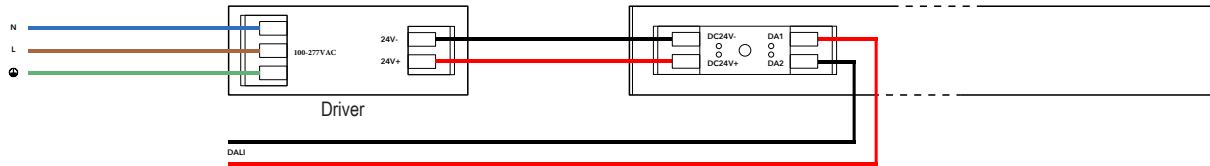
7. WIRING

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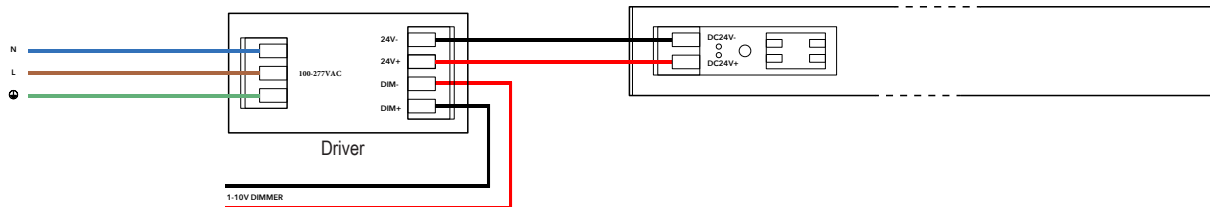
TRIAC/ZIGBEE



DALI



1-10V



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