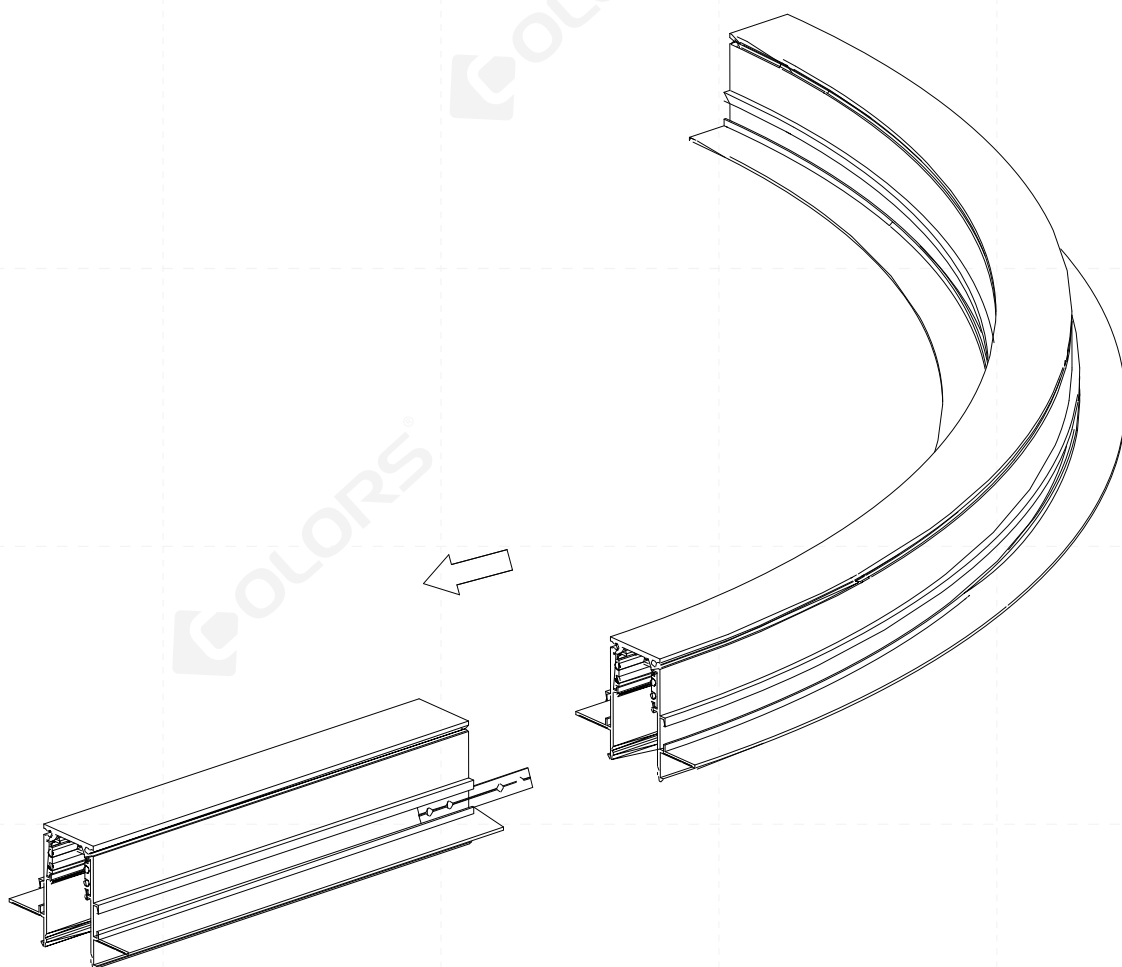


Magnetic Track

MagTrack 20 Series

User Manual



Use Suggestion

1. Please read this manual carefully before installation and use it in the correct way.
2. This manual also contains the attached instructions.
3. Please keep this manual properly after reading and understanding it, so that the owner of this product can refer to it at any time.

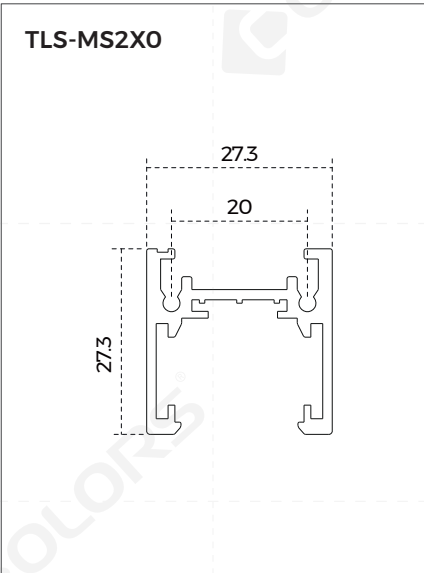
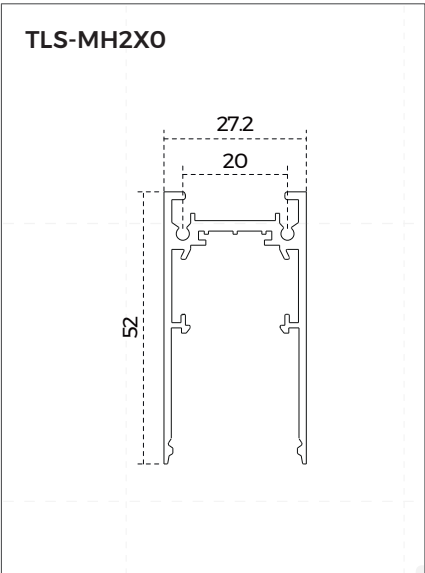
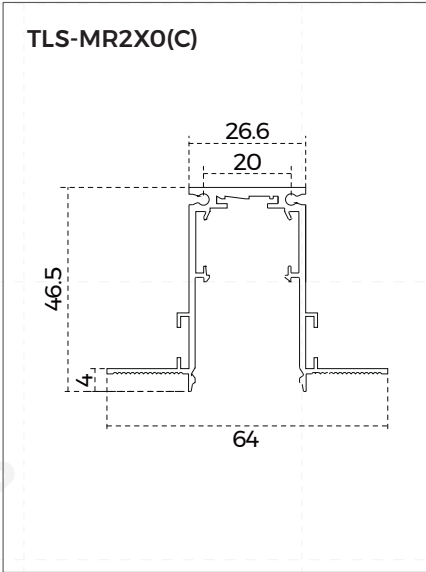
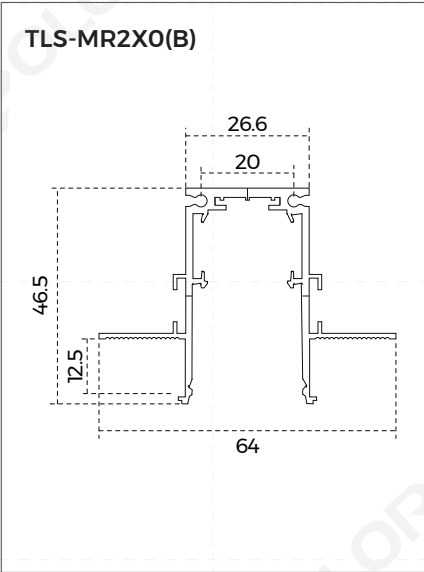
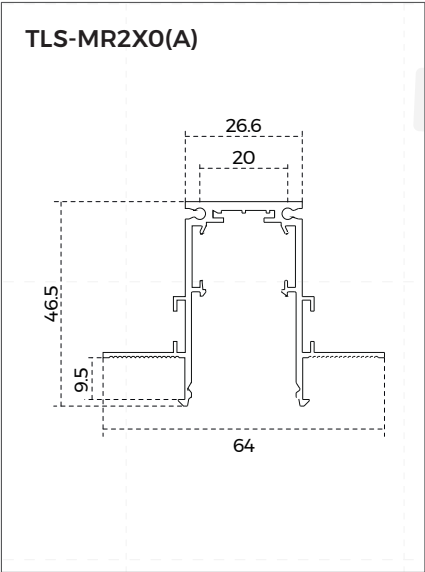
Safety Warnings

All operations mentioned in this manual must be performed by qualified personnel only. Before installation, please turn off all voltage devices and observe the relevant national installation regulations. End user or installer should check the electricity, mechanism, temperature, installation framework of the system and compatibility of the connected equipment.

When installing the track, do not exceed the loads specified in this manual. You can only use specified connector that can be used only for our track, and do not use our track with parts without quality marks. Parts need to be installed correctly as per this manual.

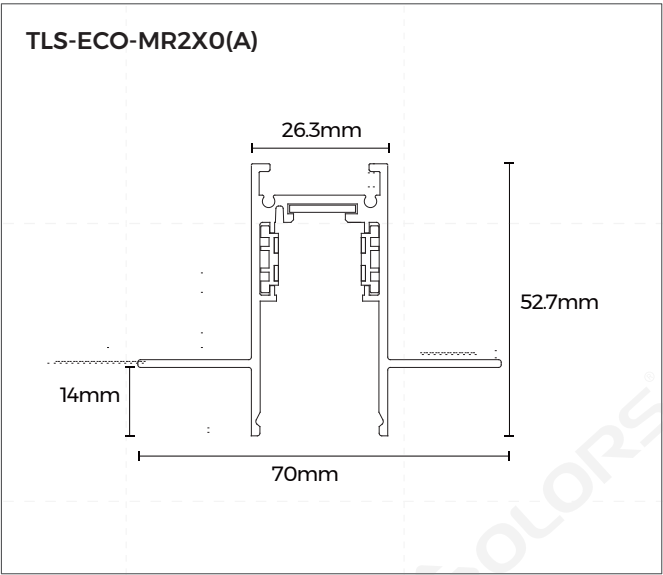
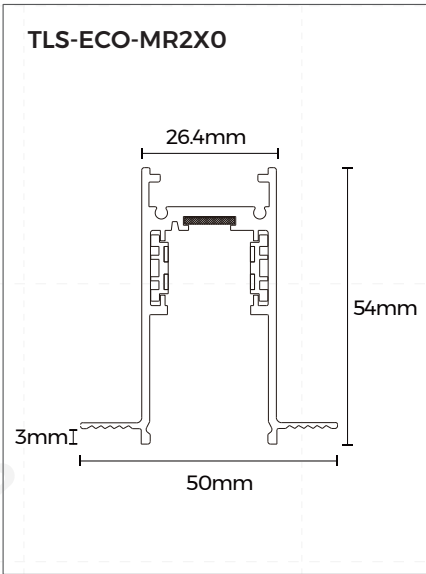
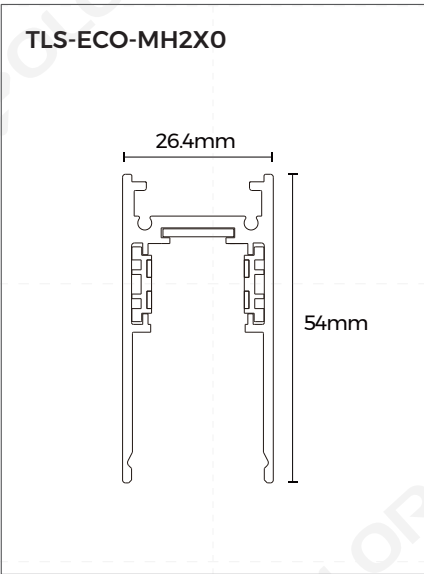
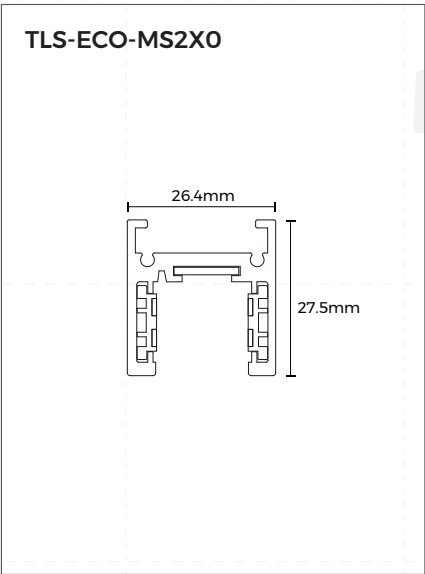
If non-original parts are used or parts are not installed as per instruction, the manufacturer is not responsible for the safety and functionality of the system. In such case, the user have the responsibility to ensure the parts are electrically, mechanically and thermally compatible with the luminaire.

Product Structure



Unit of the above number is mm.

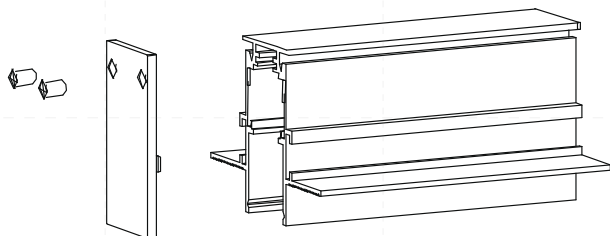
ECO Product Structure



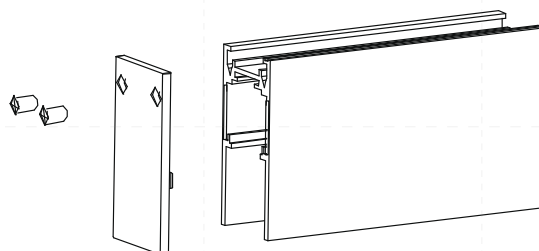
Unit of the above number is mm.

Diagram of end cap installation

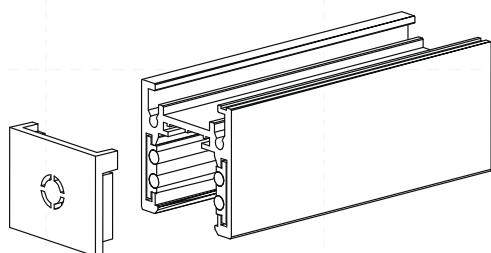
TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)



TLS-MH2X0



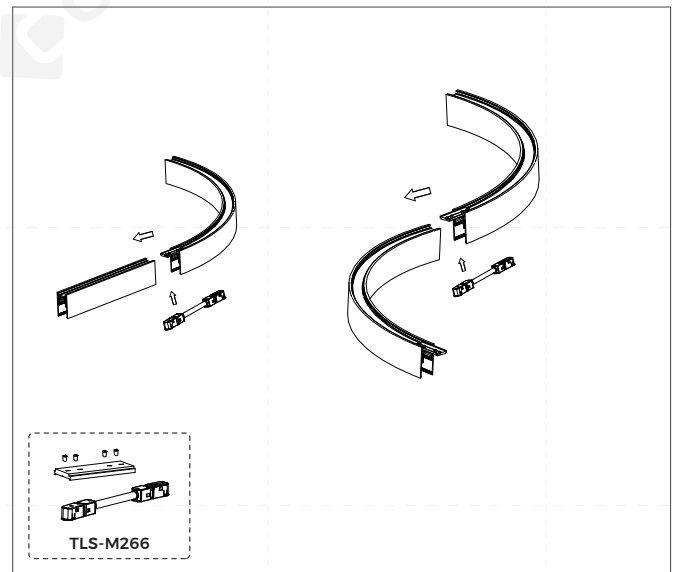
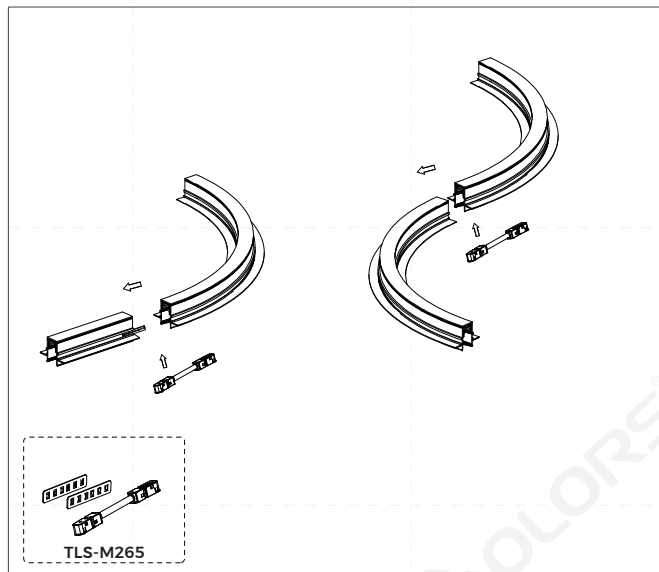
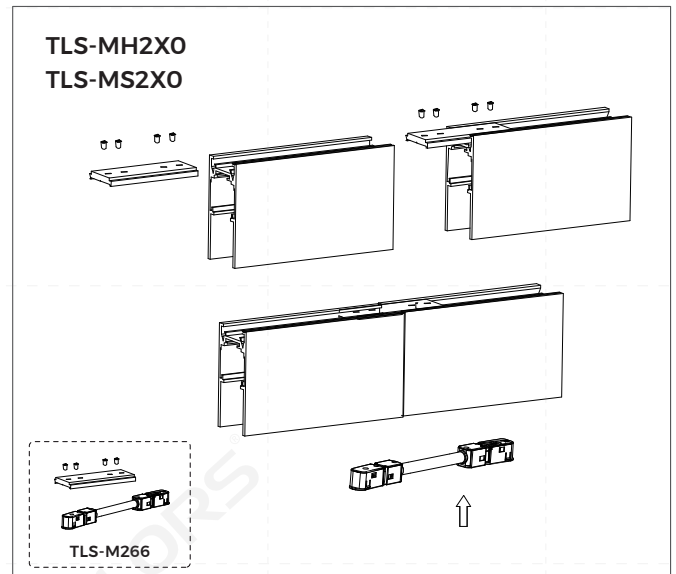
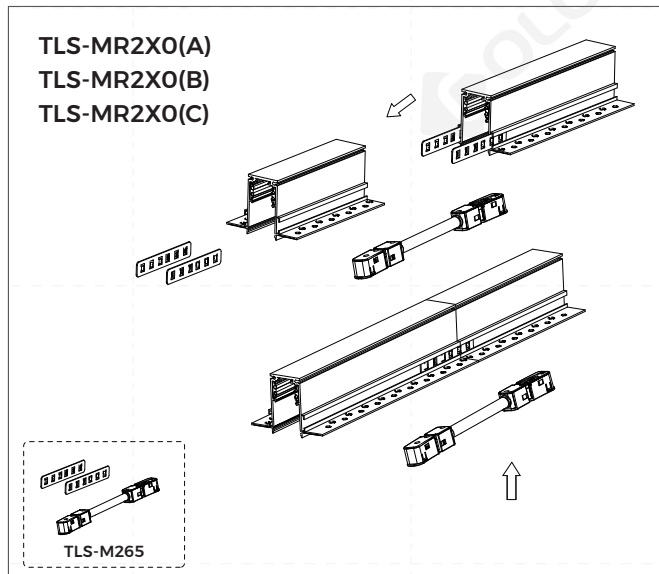
TLS-MS2X0



End cap is used in the first track and the last track of the route.

When installing end caps, use 2 screws to fix it tightly on the track.

Diagram of track connection



Straight connecting power box is used for power feeding between two tracks. Make sure to place power box into place.

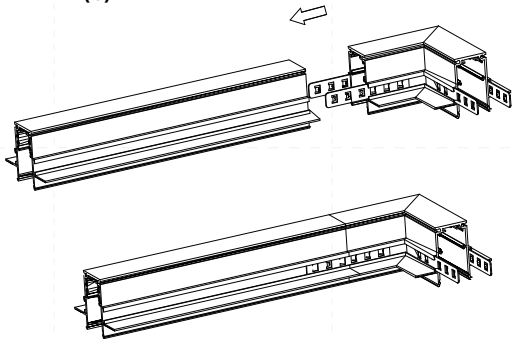
Straight-curve power box is used for power feeding between straight track and curved track.

Make sure to place power box into place.

Diagram of L-shaped connection

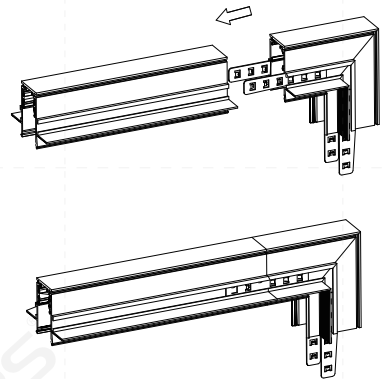
Outer 90° corner connection

TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)



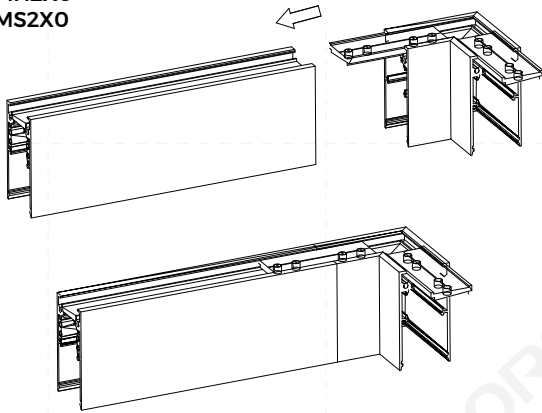
Inner 90° corner connection

TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)



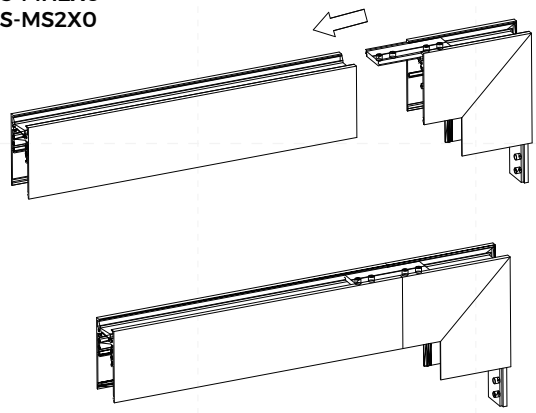
Outer 90° corner connection

TLS-MH2X0
TLS-MS2X0



Inner 90° corner connection

TLS-MH2X0
TLS-MS2X0

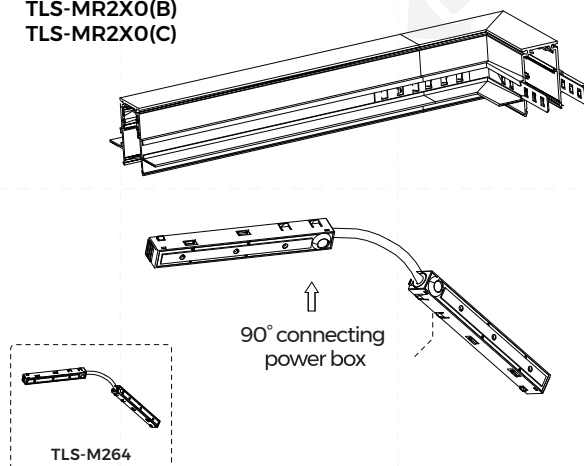


Installation method of 90° corner, 90° connecting power box, inner 90° corner and inner 90° connecting power box is suitable for all models of tracks.

Diagram of power connection for L-shaped splicing

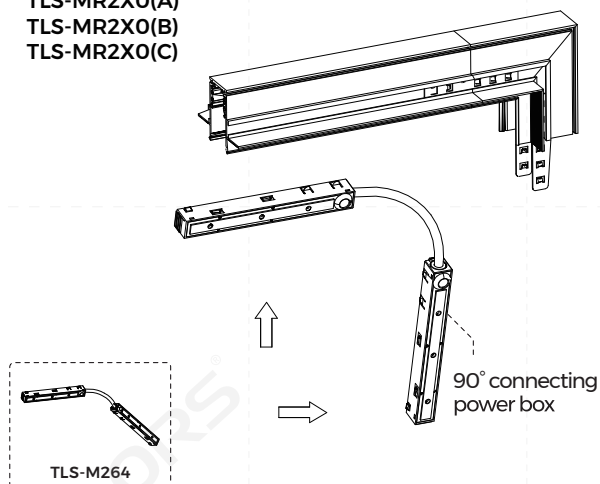
Power connection of outer 90° corner

TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)



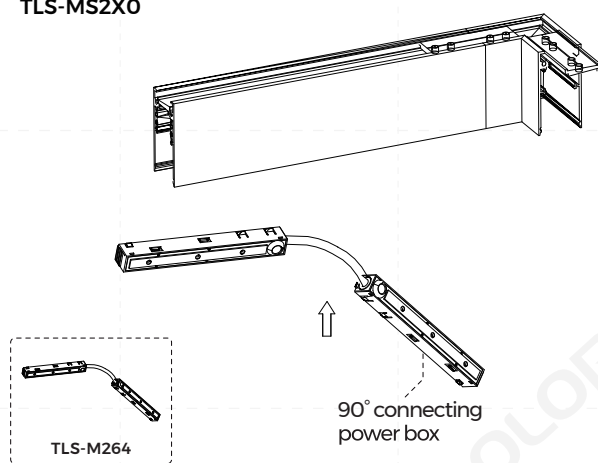
Inner 90° corner connection

TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)



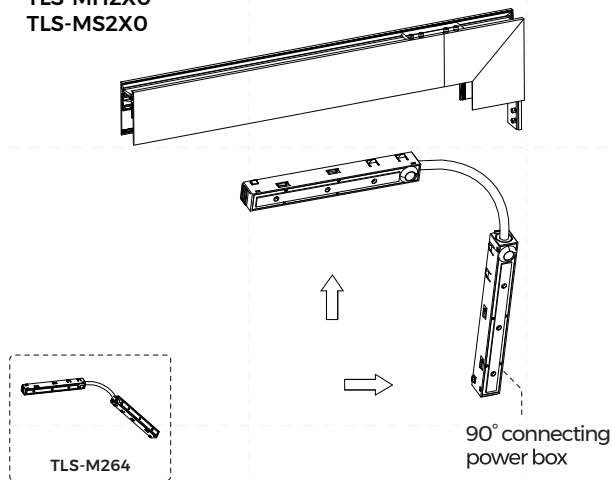
Power connection of 90° corner

TLS-MH2X0
TLS-MS2X0



Power connection of inner 90° corner

TLS-MH2X0
TLS-MS2X0



Installation method of 90° corner, 90° connecting power box, inner 90° corner and inner 90° connecting power box is suitable for all models of tracks.

ECO Diagram of end cap installation



ECO Diagram of track connection

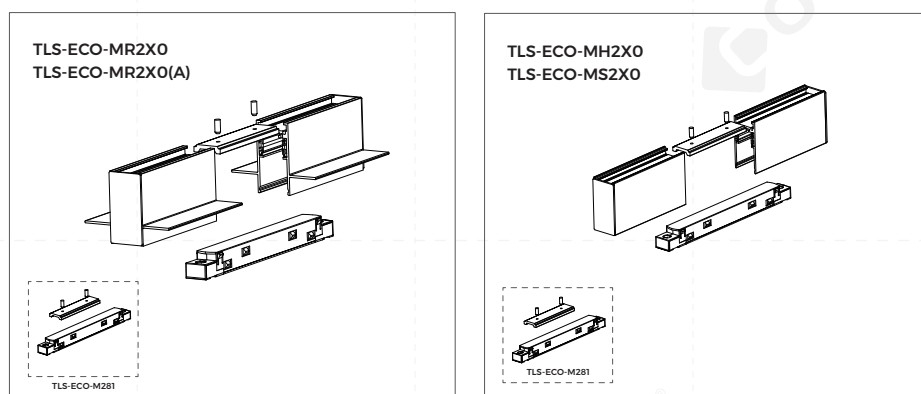
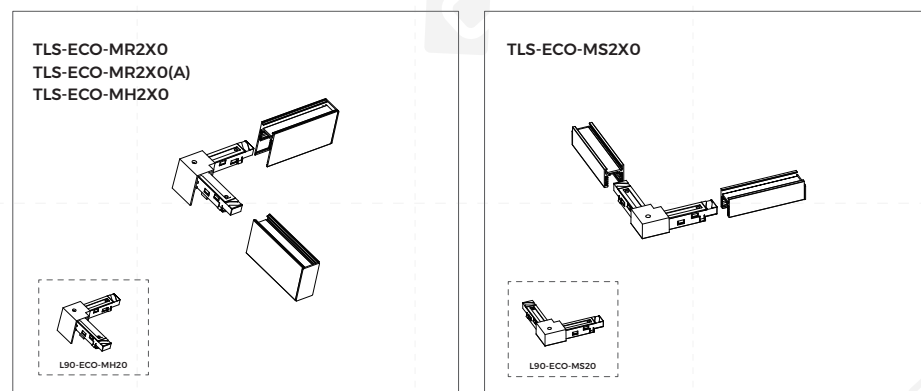
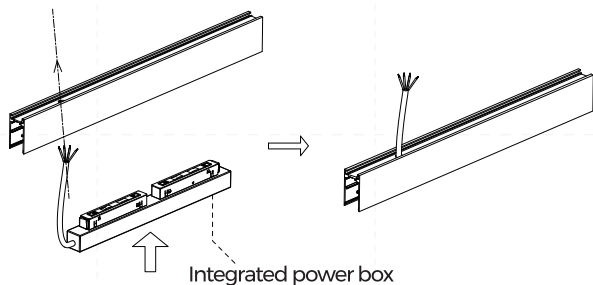


Diagram of power connection for L-shaped splicing

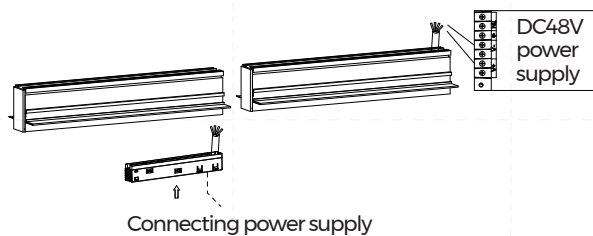


Installation of power supply

Integrated power supply

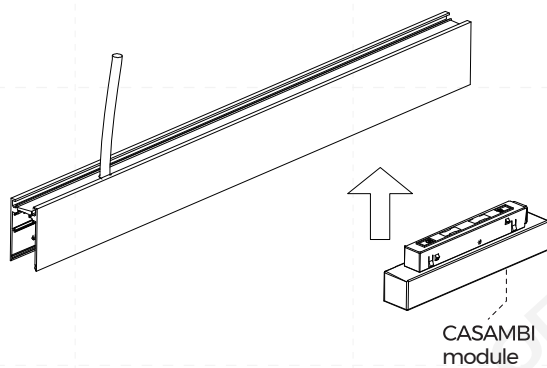


External power supply

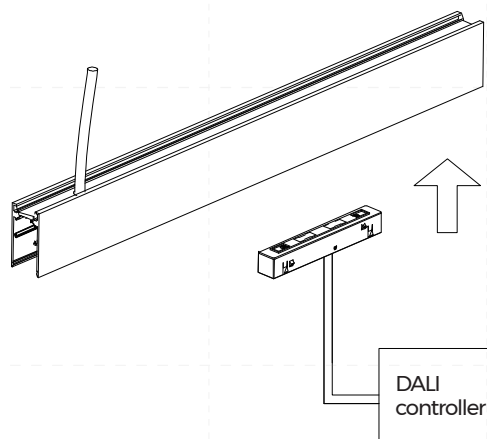


Installation diagram of dimming module

CASAMBI module (DALI luminaire)



DALI module (DALA luminaire)

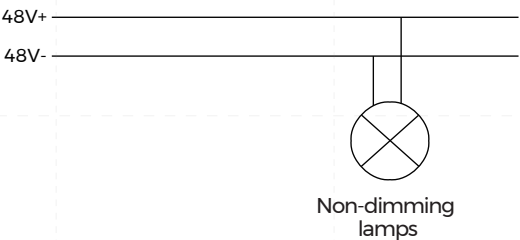


* Built-in power modules can only match the modules provided by our company.

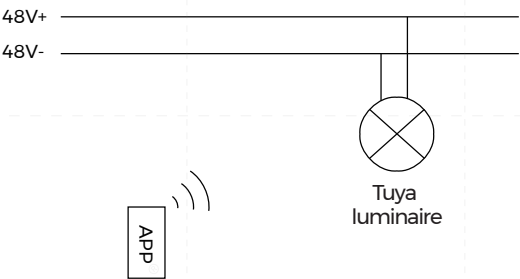
Diagram of power feeding

Wiring diagram

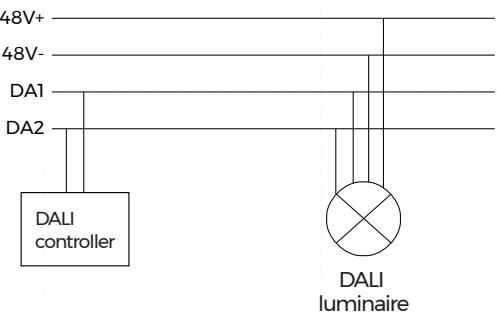
Wiring of non-dimming luminaire



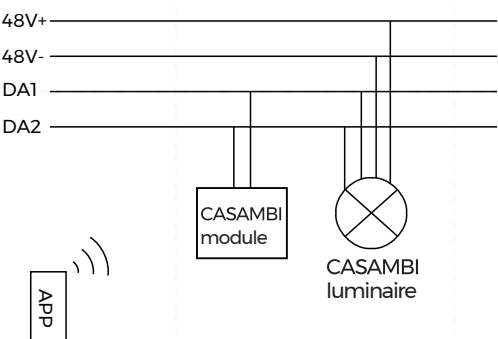
Wiring of bluetooth luminaire



Wiring of DALI luminaire




Wiring of CASAMBI luminaire



Installation of track

Installation of recessed track

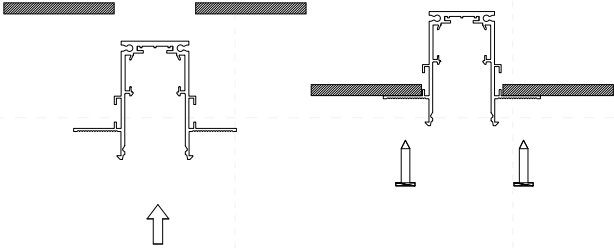
1



Opening size: width 40mm
height>60mm

Open holes on load-bearing board as per requirement

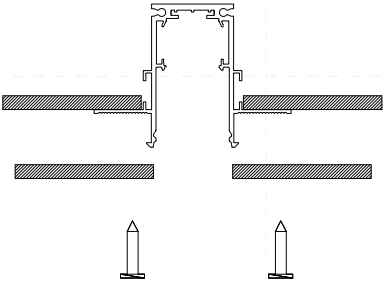
2



Use screws to fix track on load-bearing board

* note: prepare screws by installer in advance

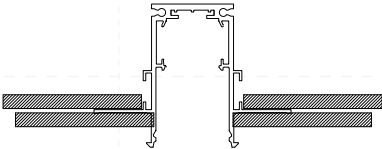
3



Cover the lower end with gypsum board
and fix with screws

* note: prepare screws by installer in advance

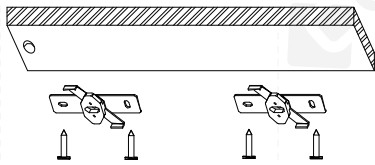
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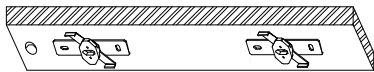
Plastering

Installation of surface-mounted track

1

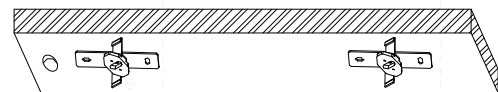
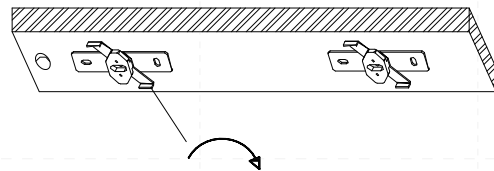


Make sure surface-mounted bracket is firmly installed



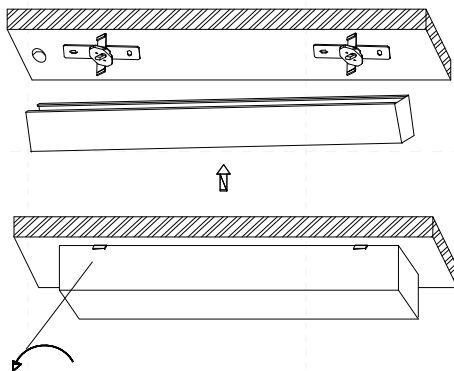
Reserve wire outlet as per requirement and fix surface-mounted bracket on ceiling as per this diagram

2



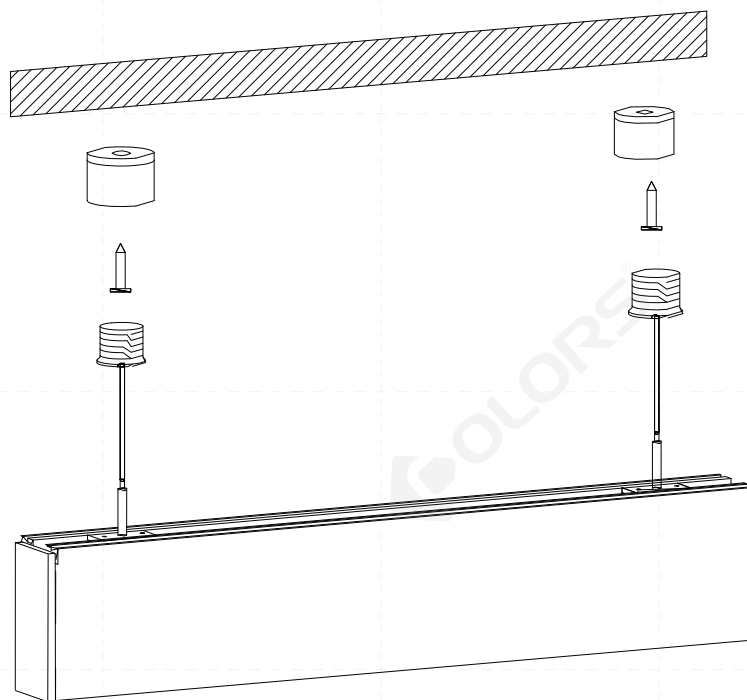
Rotate the bracket to its largest angle

3



Click track into place and rotate the angle of the bracket to its minimum

Installation of pendant track



Fix the screw head of the pendant kit onto the ceiling and fix the screw onto the head firmly.

Adjust the pendant cable to its suitable height and tighten the screws on both sides of the pendant board.