

kreon installation manual

general

INSTALLATION OF PROFILE ST6

- Place the power supply on remote
- Provide 48V cables of 1.5mm²
- In case of dimming (1-10V or Dali) provide dimming cables as well
- The max. current = 15A

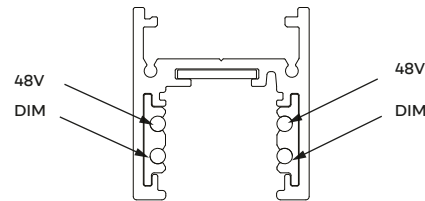
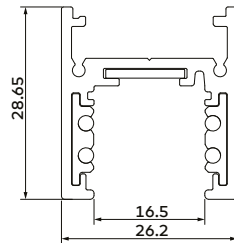
Note

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This installation manual is purely informative.

Please make sure the main voltage
is disconnected before proceeding!



technics & dimensions



name

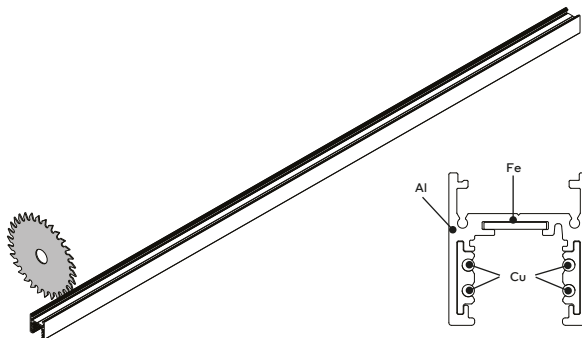
Low voltage track profile ST6
Endcap ST6

reference

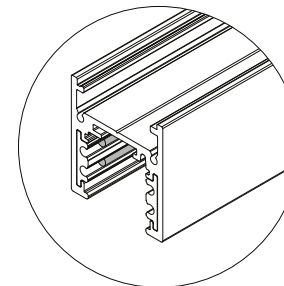
KR7464XX
KR74640X

preparation

If a shorter length is required, saw the profile



The 4 internal copper wires should be recessed
The copper wires are not recessed after the profile has been cut
Use tool KR746920 to make the wires recessed

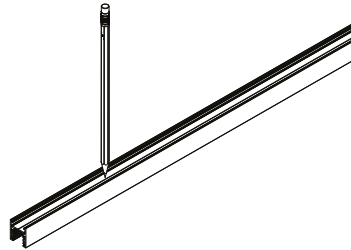


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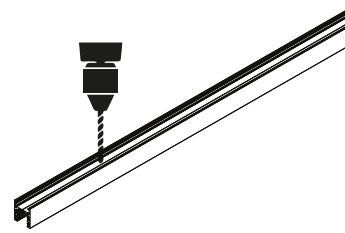
1. installation

IN CASE OF SURFACE MOUNTED
INSTALLATION

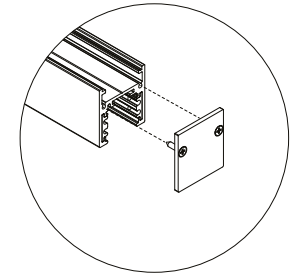
Mark the mounting holes on the profile
Provide 2 holes per meter and spread
them evenly over the total length



Drill the marked mounting holes and
provide an extra hole for the cable

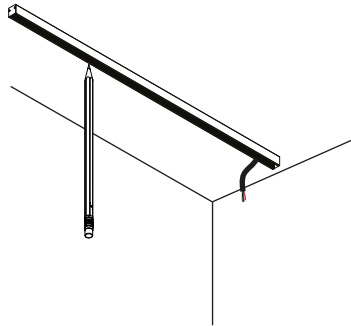


Mount the end-caps on both ends of the profile

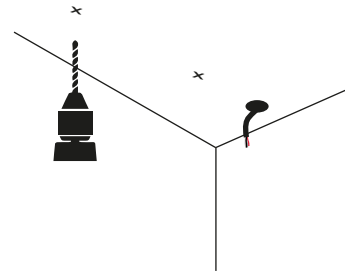


2. installation

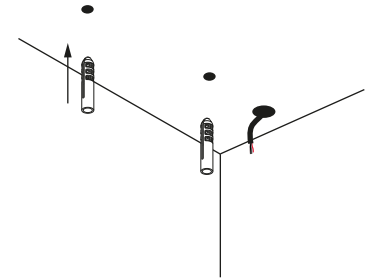
Mark the mounting holes on the ceiling



Drill the holes in the ceiling

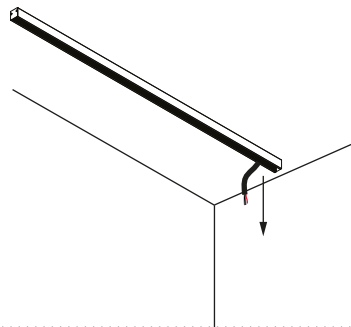


Mount the plugs into the holes
Use suitable plugs

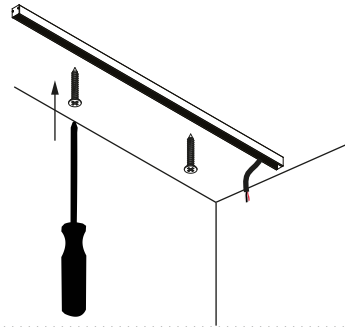


3. installation

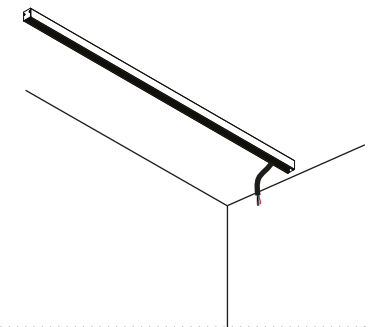
Pull the power cable through the prepared hole



Mount the profile with the screws



Profile is surface mounted

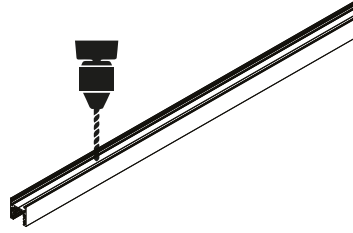


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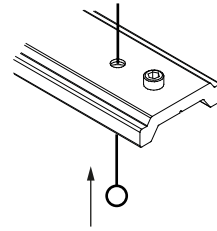
4. installation

IN CASE OF PENDANT MOUNTED INSTALLTION

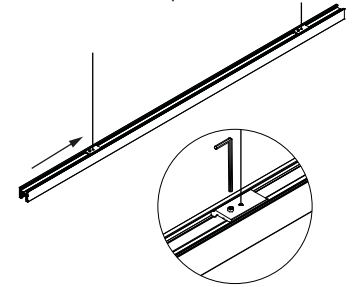
Drill a hole for the power cable in the profile



Pull the steel wire with ball (KR746710 or KR746810) through the suspension bracket (KR746830)

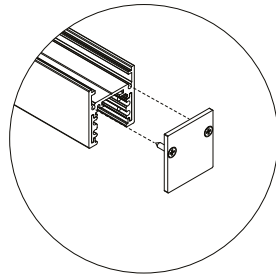


Slide the suspension brackets in the track and fix them by fastening the set screw
Provide 2 brackets per meter

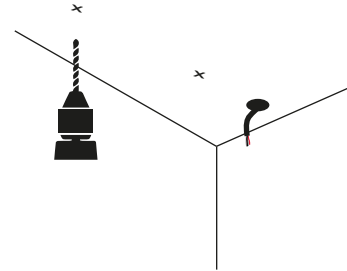


5. installation

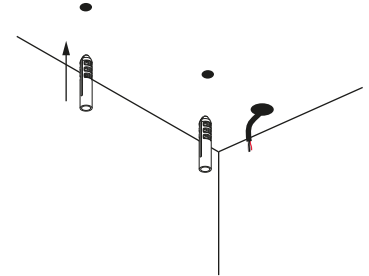
Mount the end-caps on both ends of the profile



Mark the mounting holes on the ceiling and drill the holes

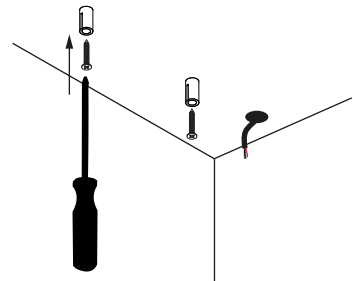


Mount the plugs into the holes
Use suitable plugs

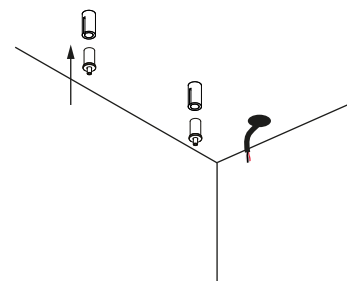


6. installation

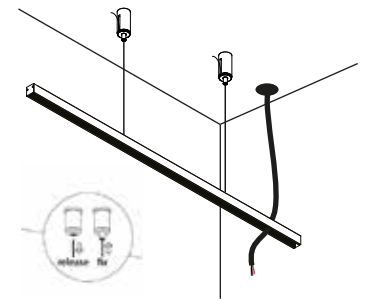
Mount the top part of the wire grips with screws



Mount the other part of the wire grip into the top part



Mount the cable in the assembled wire grip and install the cable at the correct length
Pull power cable through the prepared hole



kreon installation manual

general

INSTALLATION OF PROFILE ST3

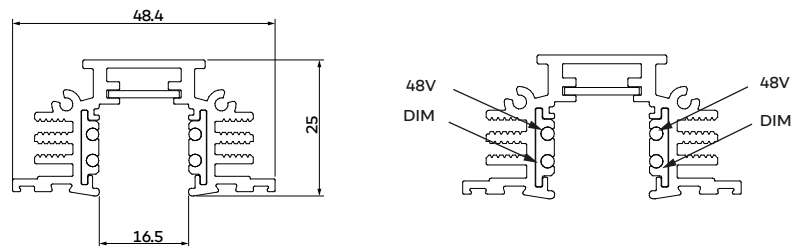
- Place the power supply on remote
- Provide 48V cables of 1.5mm²
- In case of dimming (1-10V or Dali) provide dimming cables as well
- The max. current = 15A

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technics & dimensions



name

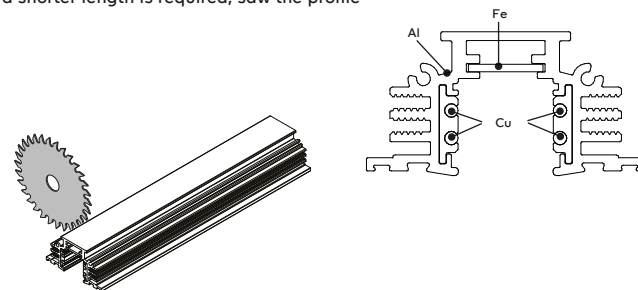
recessed low voltage track profile (ST3)
Endcap ST3

reference

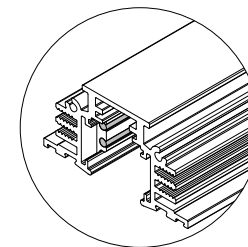
KR7461XX
KR74650X

preparation

If a shorter length is required, saw the profile



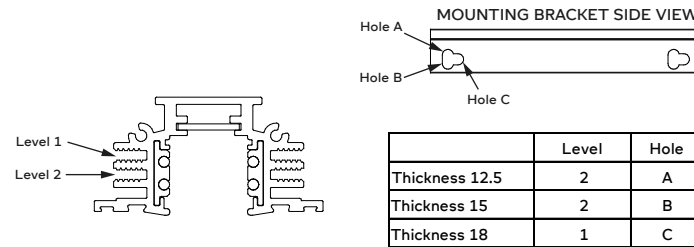
The 4 internal copper wires should be recessed
The copper wires are not recessed after the profile has been cut
Use tool KR746920 to make the wires recessed



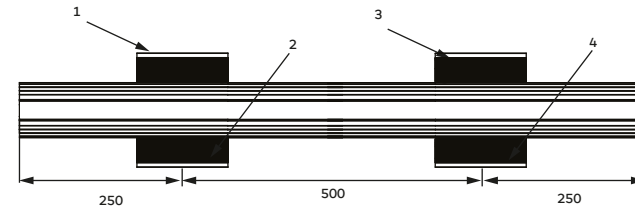
kreon installation manual

7. installation

The plasterkit can be mounted to 3 plasterboard thicknesses, depending on the level and holes used to screw the mounting brackets KR746900

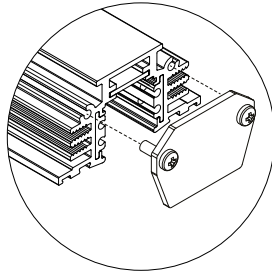


Screw the mounting brackets to the plasterkit, use 4 brackets per meter

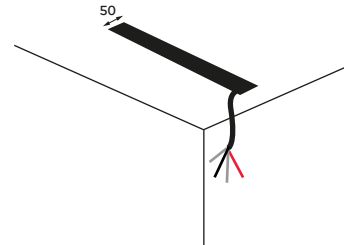


8. installation

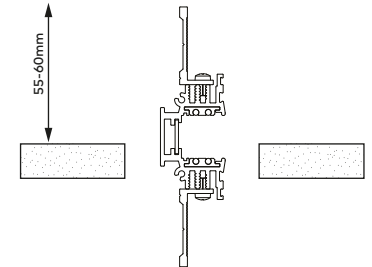
Assemble end-caps



Provide a 50mm wide cut out in the required length

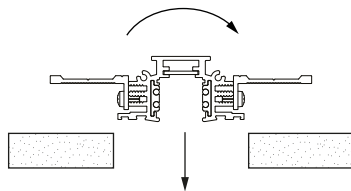


Rotate the profile to get it in the ceiling
55-60mm of room on top of the gypsum ceiling is needed to rotate the profile comfortably

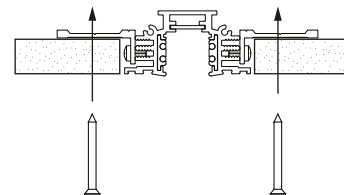


9. installation

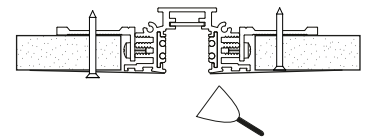
Rotate the profile back in place
The mounting brackets should rest on the plasterboard



Screw the profile in place
Use suitable screws (not supplied) and screw through the mounting brackets



Plaster the edges to finish



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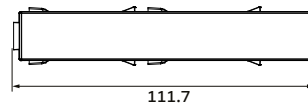
general

INSTALLATION OF FEED

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technics & dimensions



name

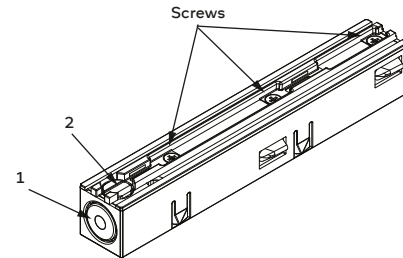
reference

Feed

KR74651X

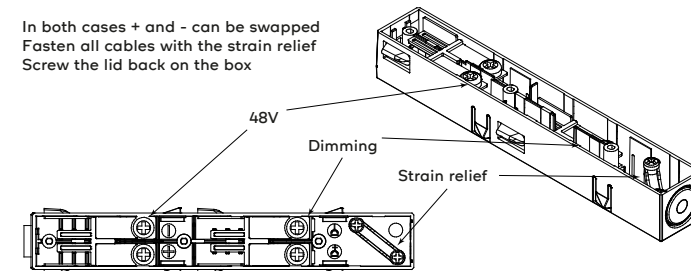
10. installation

Push the cable hole of choice open: 1 or 2
Open the box by removing the lid fastened with 3 screws



Pull the stripped cables through the chosen cable hole
Connect 48V cables to screw connectors indicated with V+ and V-
Connect dim cables to screw connectors indicated with D+ and D-

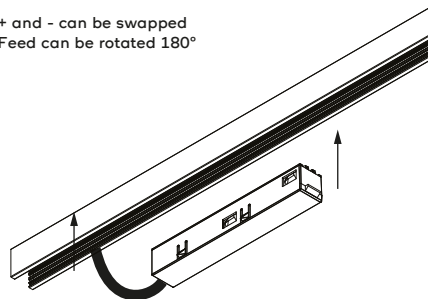
In both cases + and - can be swapped
Fasten all cables with the strain relief
Screw the lid back on the box



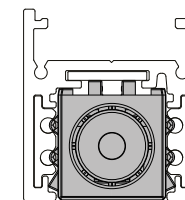
11. installation

Push cables back through hole in track and click the feed in the track

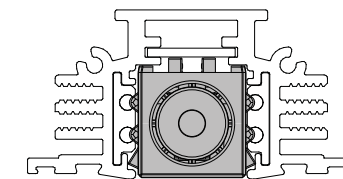
+ and - can be swapped
Feed can be rotated 180°



Feed needs to be 100% flush with the profile



ST6



ST3

kreon installation manual

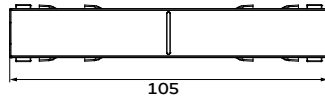
general

INSTALLATION OF STRAIGHT CONNECTOR

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technics & dimensions



name

reference

Straight connector

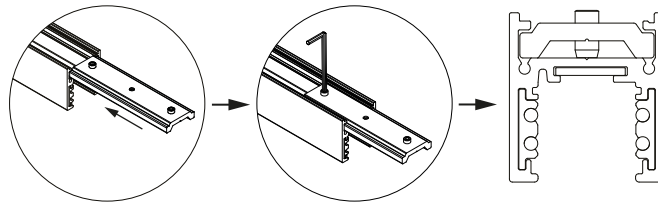
KR74653X

12. installation

In case of ST6

KR746930 can be used to mechanically connect two pieces of track

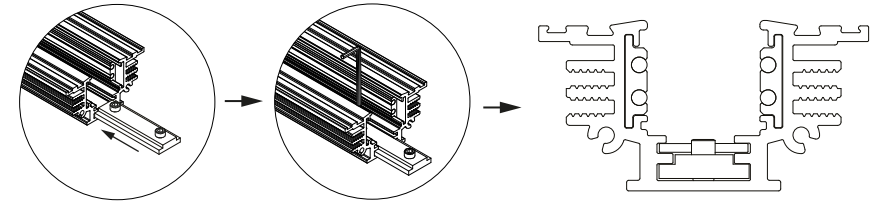
Slide KR746930 in the tracks and fasten it with the two set screws



In case of ST3

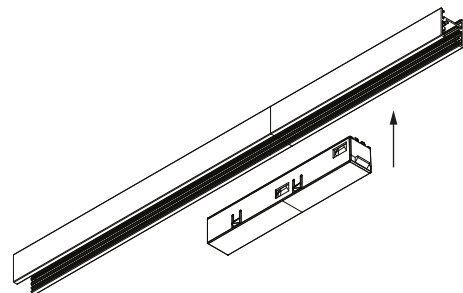
KR746800 can be used to mechanically connect two profiles

Slide KR746800 in the tracks and fasten it with the two set screws

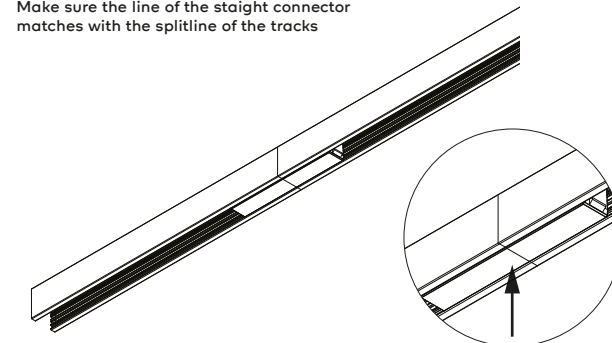


13. installation

Use the straight connector to make an
electrical connection between two tracks



Make sure the line of the straight connector
matches with the splitline of the tracks



kreon installation manual

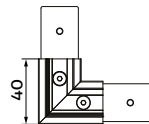
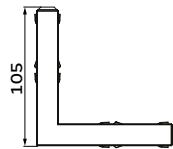
general

INSTALLATION OF CORNER

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technics & dimensions



name

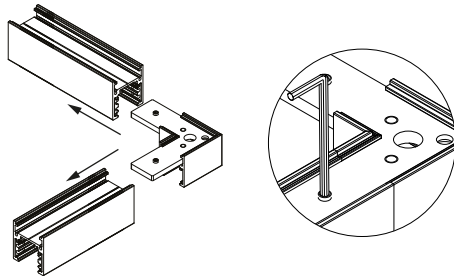
L-joint mechanical for ST6
L-connector electrical

reference

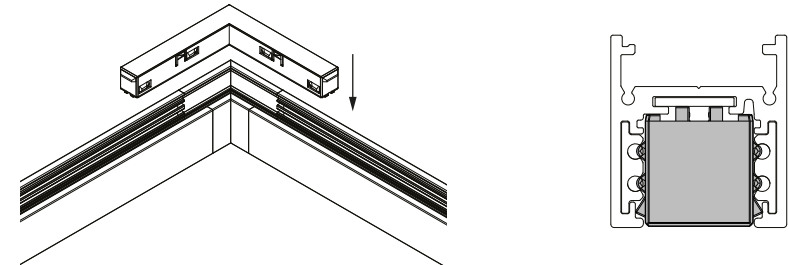
KR74670X
KR74661X

14. installation

In case of ST6 track
Slide the mechanical L-joint into both tracks and fix it by fastening the set screws

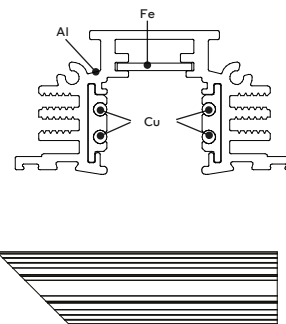
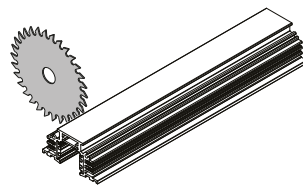


The electrical L-connector connects the copper wires of both tracks
Snap it into place and make sure it is flush with the profile
The connector cannot be used as a feed



15. installation

In case of ST3
Saw both tracks at an angle of 45°
to make a 90° corner



The electrical L-connector connects the copper wires of both tracks
Snap it into place and make sure it is flush with the profile
The connector cannot be used as a feed

