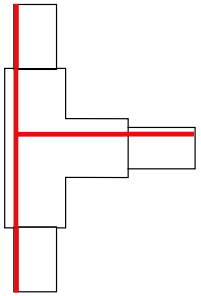
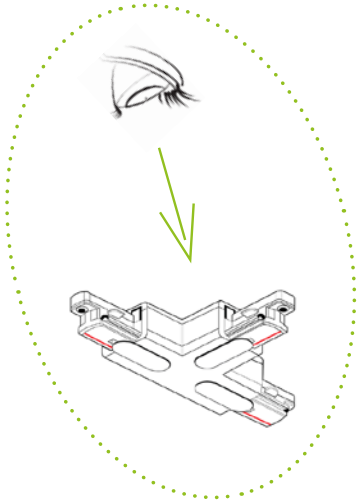
1-PHASE TRACKS

HOW TO READ AND UNDERSTAND THE SYMBOLS?

All symbols are shown as top view

〈 TOP VIEW 〉
Schematic presentation

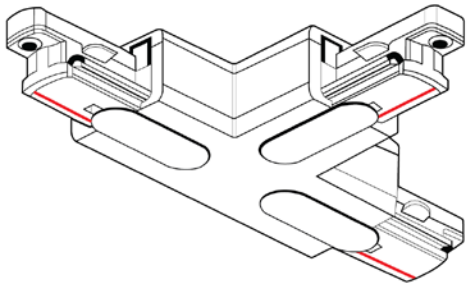




= indicates ground

Simplified representation of the track components
with an indication view where the polarity lines are located.

〈BOTTOMVIEW〉
Detailed presentation



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1-PHASE TRACKS

GLOBAL 1-PHASE TRACK COMPONENTS - OVERVIEW

End feed

GB11 (LEFT)
90014018
90014019

GB12 (RIGHT)
90014020
90014021

Middle feed

GB14
90014036
90014037

Straight connector

GB21
90014022
90014023

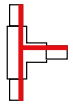
L-feed

GB35 (RIGHT)
90014026
90014027

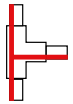
GB34 (LEFT)
90014024
90014025

= indicates ground

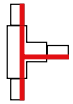
T-feed



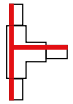
GB40
90014010
90014011



GB39
90014012
90014013



GB37
90014016
90014017

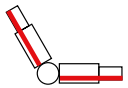


GB36
90014014
90014015

X-feed

GB38
90014049
90014050

Adjustable corner

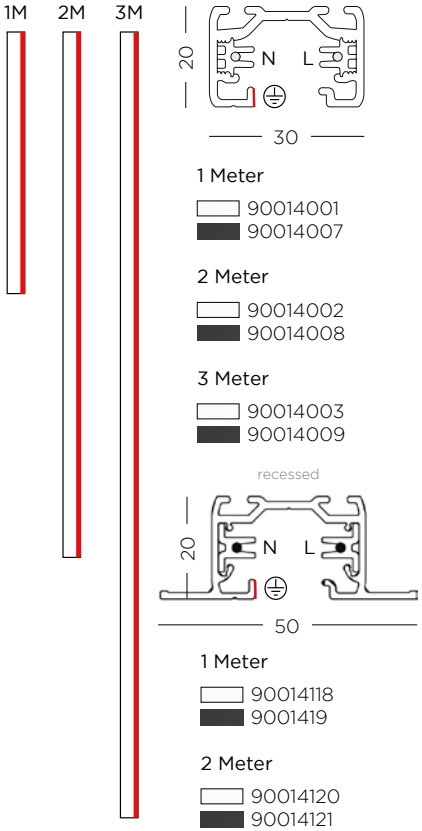


GB24
90014042
90014041

End cap

GB41
90014028
90014029

1-phase tracks



1 Meter
90014001
90014007

2 Meter
90014002
90014008

3 Meter
90014003
90014009

1 Meter
90014118
9001419

2 Meter
90014120
90014121

3 Meter
90014122
90014123

drawings are made in top view

Some components are applied as FEED with the sole purpose to provide power to the electrical circuit:

GB11 - END FEED LEFT
GB12 - END FEED RIGHT

Other components are applied as FEED and CONNECTOR at the same time, serving to provide power to the electrical circuit as well as mechanical junction part:

GB14 - MIDDLE FEED
GB34 - L-FEED LEFT
GB35 - L-FEED RIGHT
GB36 - T-FEED
GB37 - T-FEED
GB38 - X-FEED
GB39 - T-FEED
GB40 - T-FEED

Items that cannot be used as FEED:

GB41 - END CAP
GB 24 - ADJUSTABLE CORNER
GB 21 - STRAIGHT CONNECTOR

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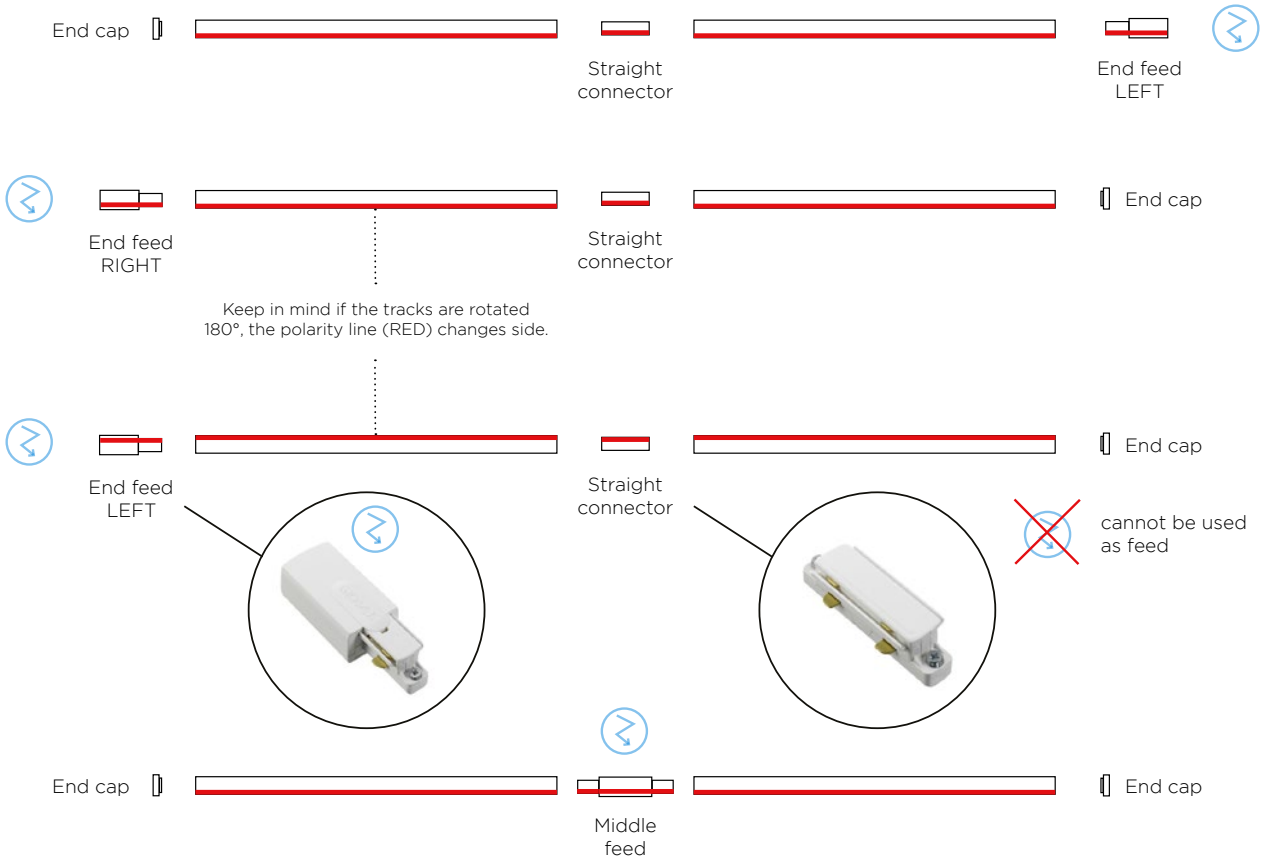
1-PHASE TRACKS

HOW TO MAKE A STRAIGHT LINE?

Depending on the polarity line of the tracks you have to choose between different types of connectors and feeds.



USED COMPONENTS

Middle feed

Straight connector

End feed

LEFT RIGHT

End cap

= indicates ground

= power connection (220-240VAC)

drawings are made in top view

Article codes on page 2

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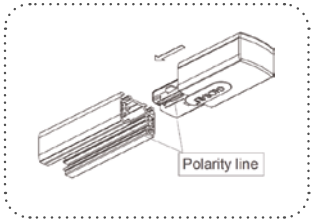
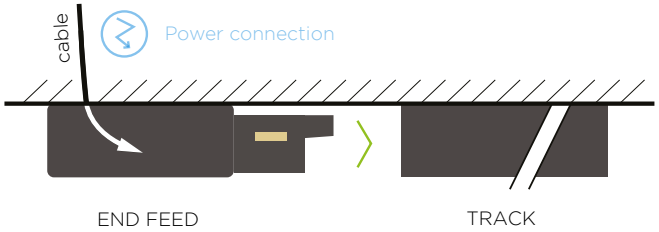
1-PHASE TRACKS

INSTALLATION GUIDE - ELECTRICAL CONNECTION TO THE TRACK (1/2)

Connecting the power cable to the feeder unit.





Step 3

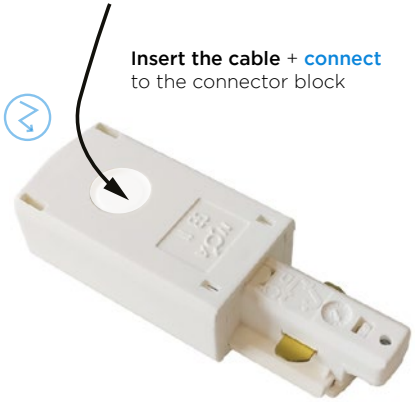
Connect both component
and the track to each other

Drill a hole in the back-side of the component (marked with a circle)

Step 1

3 wires*

Insert the cable + **connect** to the connector block



Step 2 (more info on page 5)

*A **1-phase track** enables you to make **1 electrical circuit only** into 1 track system. Therefor a **3 wired** cable is needed like shown below.

wire 1 > **L1**
wire 2 > **N**
wire 3 > **Ground** ⏚

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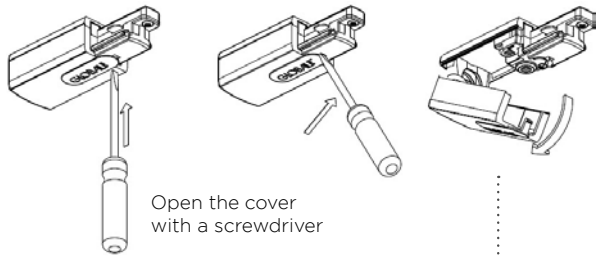
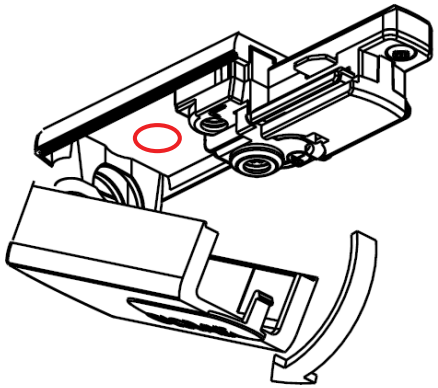
1-PHASE TRACKS

INSTALLATION GUIDE - ELECTRICAL CONNECTION TO THE TRACK (2/2)

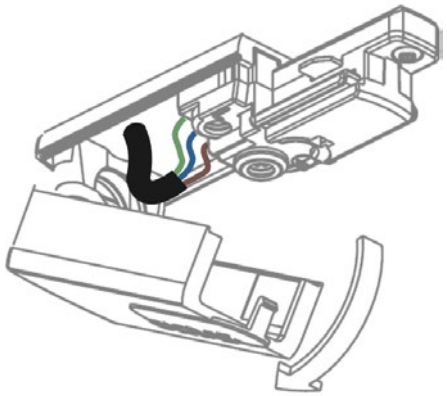
Connecting the power cable to the feeder unit.



Open the cover
with a screwdriver



> Make sure a hole is drilled in the backside
> Open the cover



> Put the cable through the hole
and connect to the electrical block

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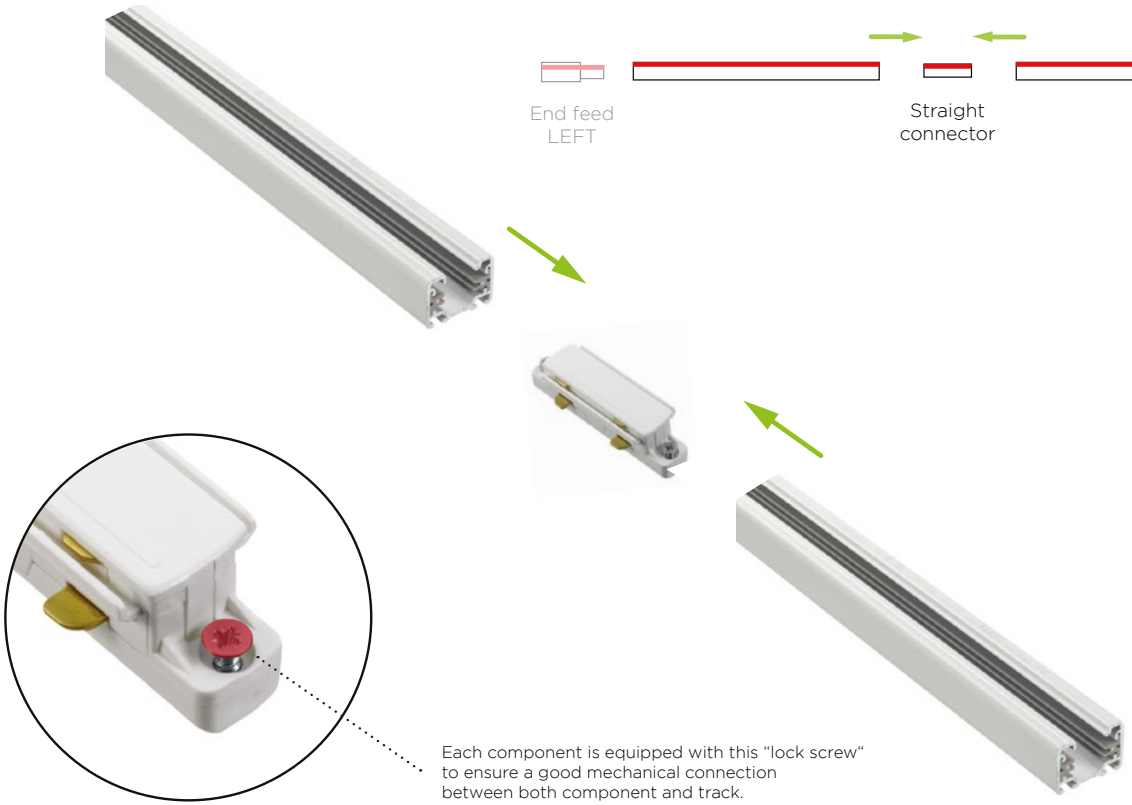
1-PHASE TRACKS

INSTALLATION GUIDE - CONNECT MULTIPLE TRACKS (MECHANICAL AND ELECTRICAL)

In order to make a **mechanical and electrical connection** between 2 or more tracks, a straight connector is needed.
This straight connector needs to slide inside both tracks until it is completely inside both tracks.

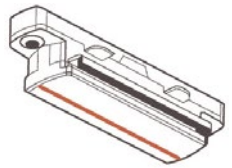


drawings are made in top view

USED COMPONENTS

Straight connector

GB21



cannot be used as
a feeder unit

= indicates ground

Article codes on page 2

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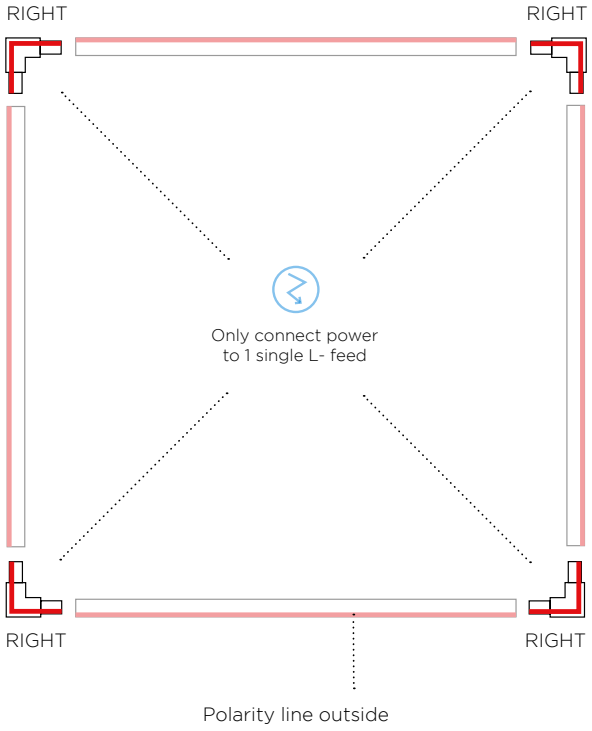
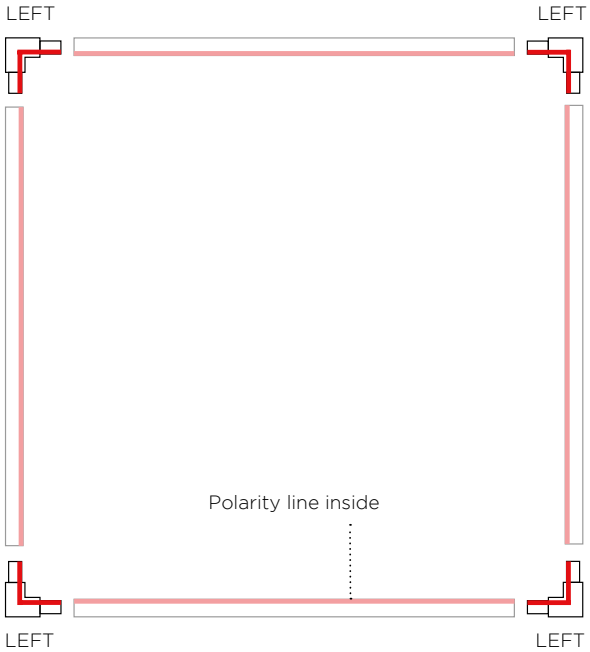
1-PHASE TRACKS

HOW TO MAKE A SQUARE? - WHEN THE POWER IS LOCATED IN ONE OF THE CORNERS

When you make a composition with multiple corners and each corner turns in the same way, you can keep using the same L-feed. In this composition each L-feed can be used as power feeder unit. **Only connect power to 1 single L-feed per circuit.** There is no need to electrically interrupt the circuit.

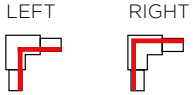




drawings are made in top view

USED COMPONENTS

L-feed



= indicates ground

= power connection
(220-240VAC)

Article codes on page 2

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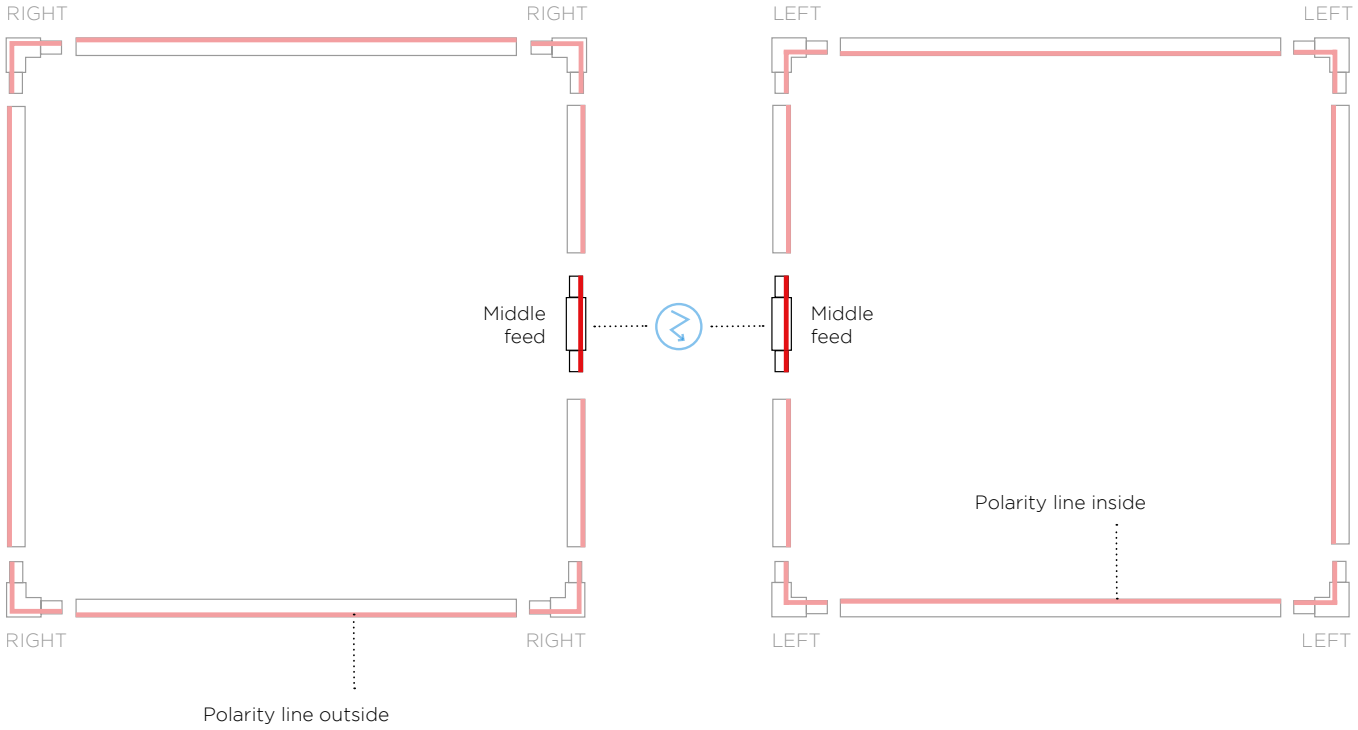
1-PHASE TRACKS

HOW TO MAKE A SQUARE? - WHEN THE POWER IS LOCATED AT RANDOM (NOT AT ONE OF THE CORNERS)

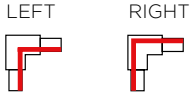
The power can also be connected by using a **middle feed** instead of an L- feed as feeder unit in case the power is located at a more random location. There is no need to electrically interrupt the circuit.



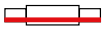
drawings are made in top view

USED COMPONENTS

L-feed



Middle feed



= indicates ground

= power connection (220-240VAC)

Article codes on page 2

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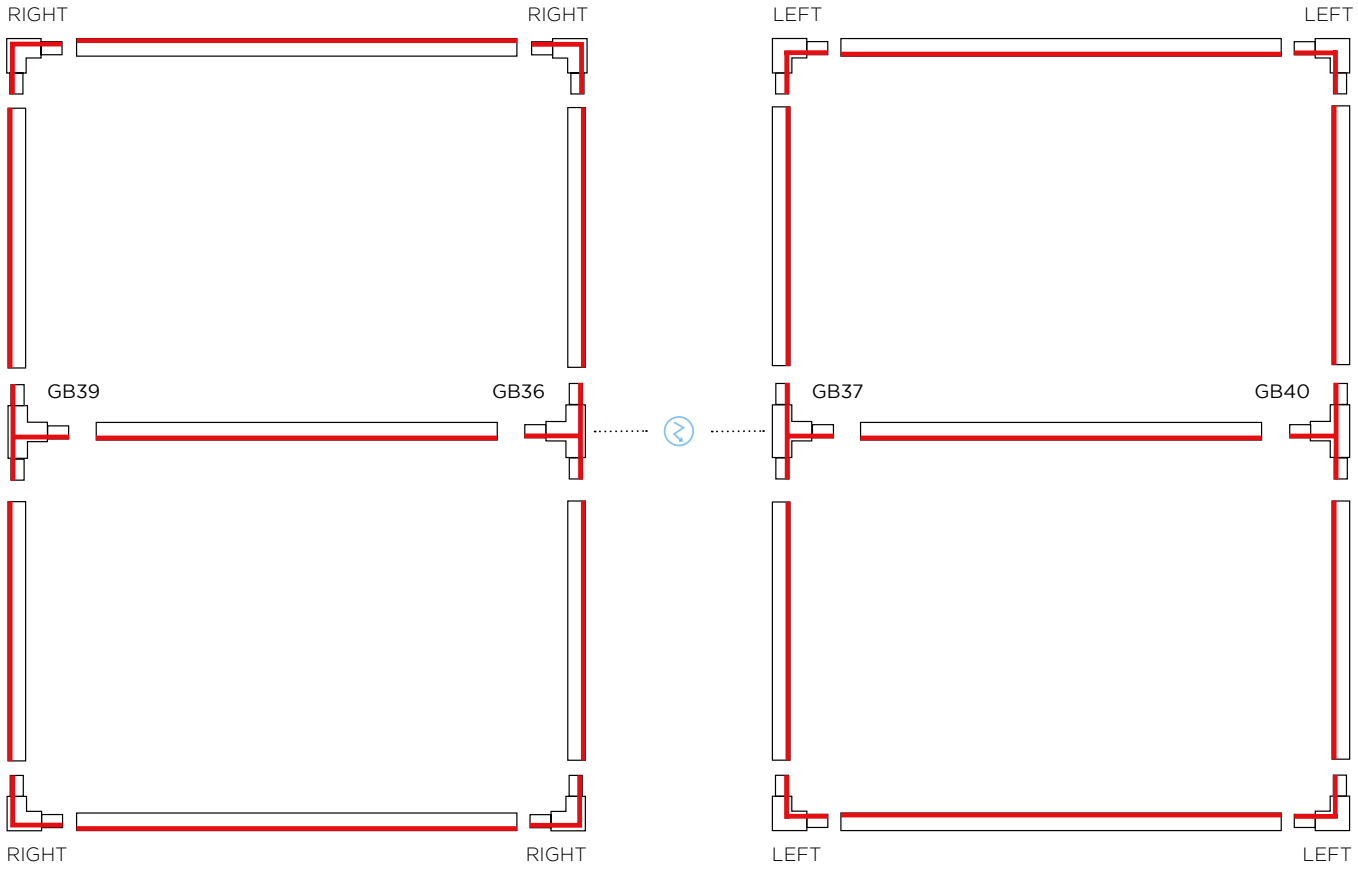
1-PHASE TRACKS

HOW TO MAKE A DOUBLE SQUARE?

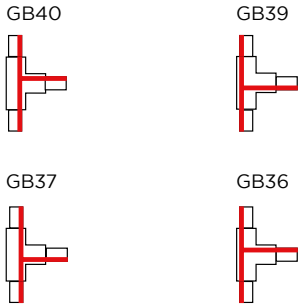
In this composition each L-feed or T-feed can be used as power feeder unit. **Only connect power to 1 single L- or T- feed per circuit.** There is no need to electrically interrupt the circuit.



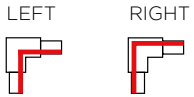
drawings are made in top view

USED COMPONENTS

T-feed



L-feed



= indicates ground

= power connection (220-240VAC)

Article codes on page 2

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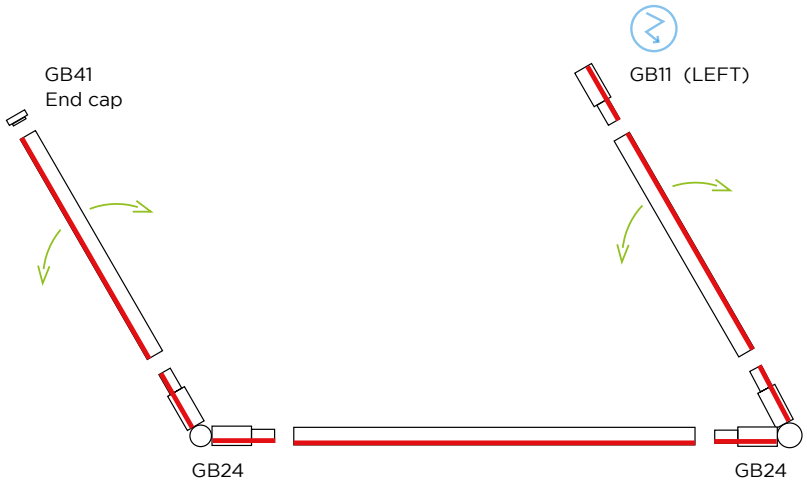
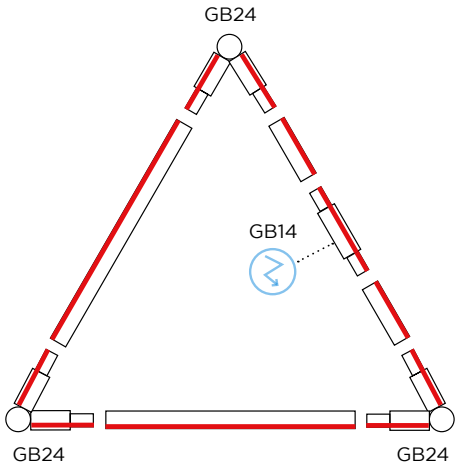
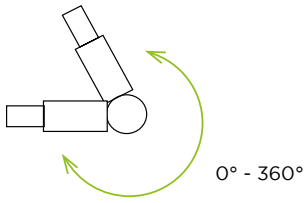
1-PHASE TRACKS

HOW TO MAKE A COMPOSITION WITH VARIABLE ANGLES? - ADJUSTABLE CORNER

Thanks to the adjustable corner it is possible to make compositions with a wide variety of different angles. (0° - 360°)



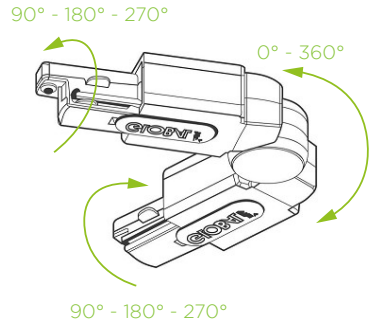




drawings are made in top view

IMPORTANT

As the adjustable corner cannot be used as a power feeder, another feeder unit will be needed; for example an end feed or middle feed to provide electricity.



cannot be used as a feeder unit

= indicates ground

= power connection (220-240VAC)

Article codes on page 2

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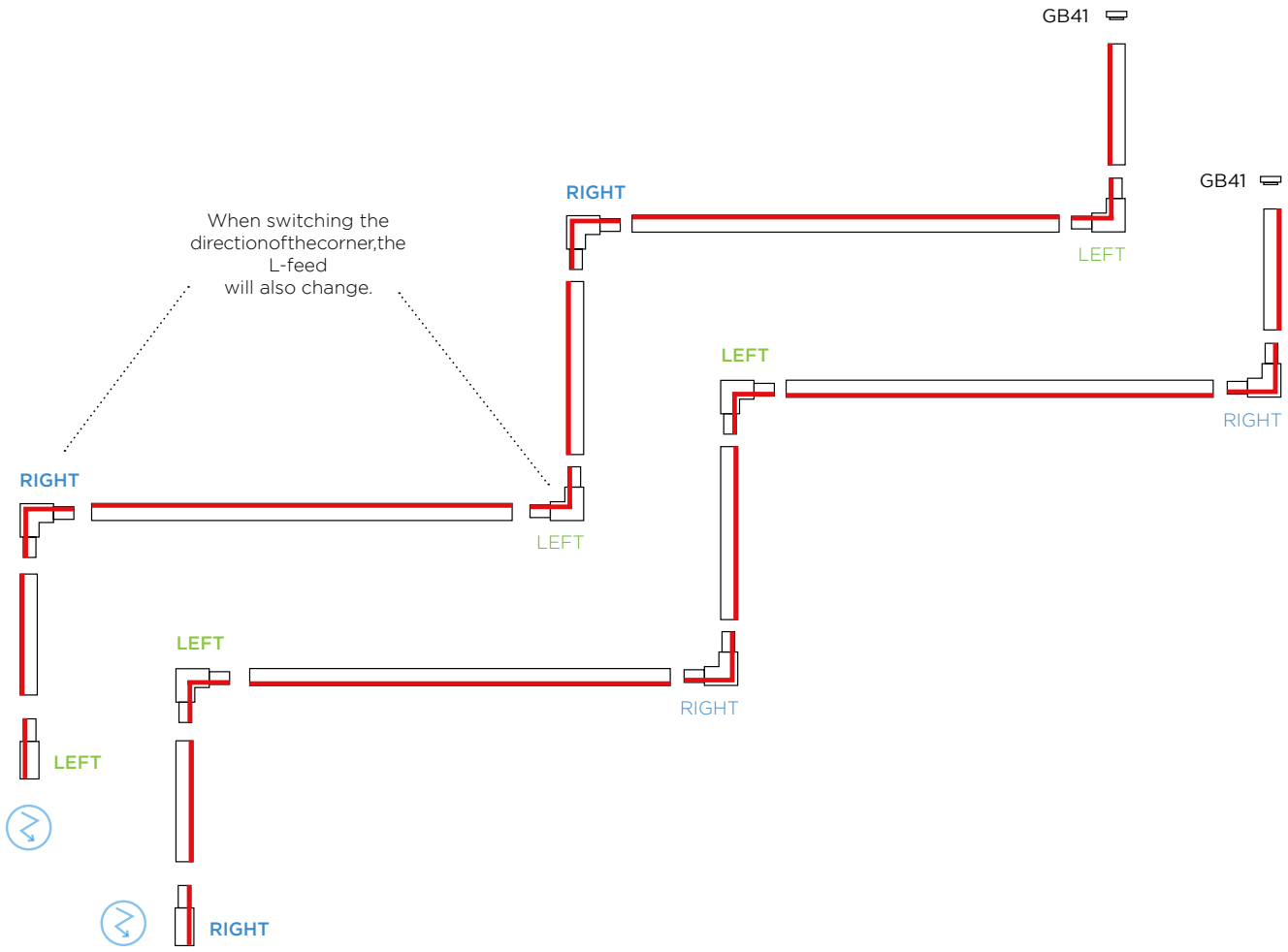
1-PHASE TRACKS

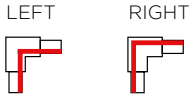
HOW TO MAKE A LINE WITH MULTIPLE CORNERS?



drawings are made in top view

USED COMPONENTS

L-feed



End feed

End cap

= indicates ground

= power connection (220-240VAC)

Article codes on page 2

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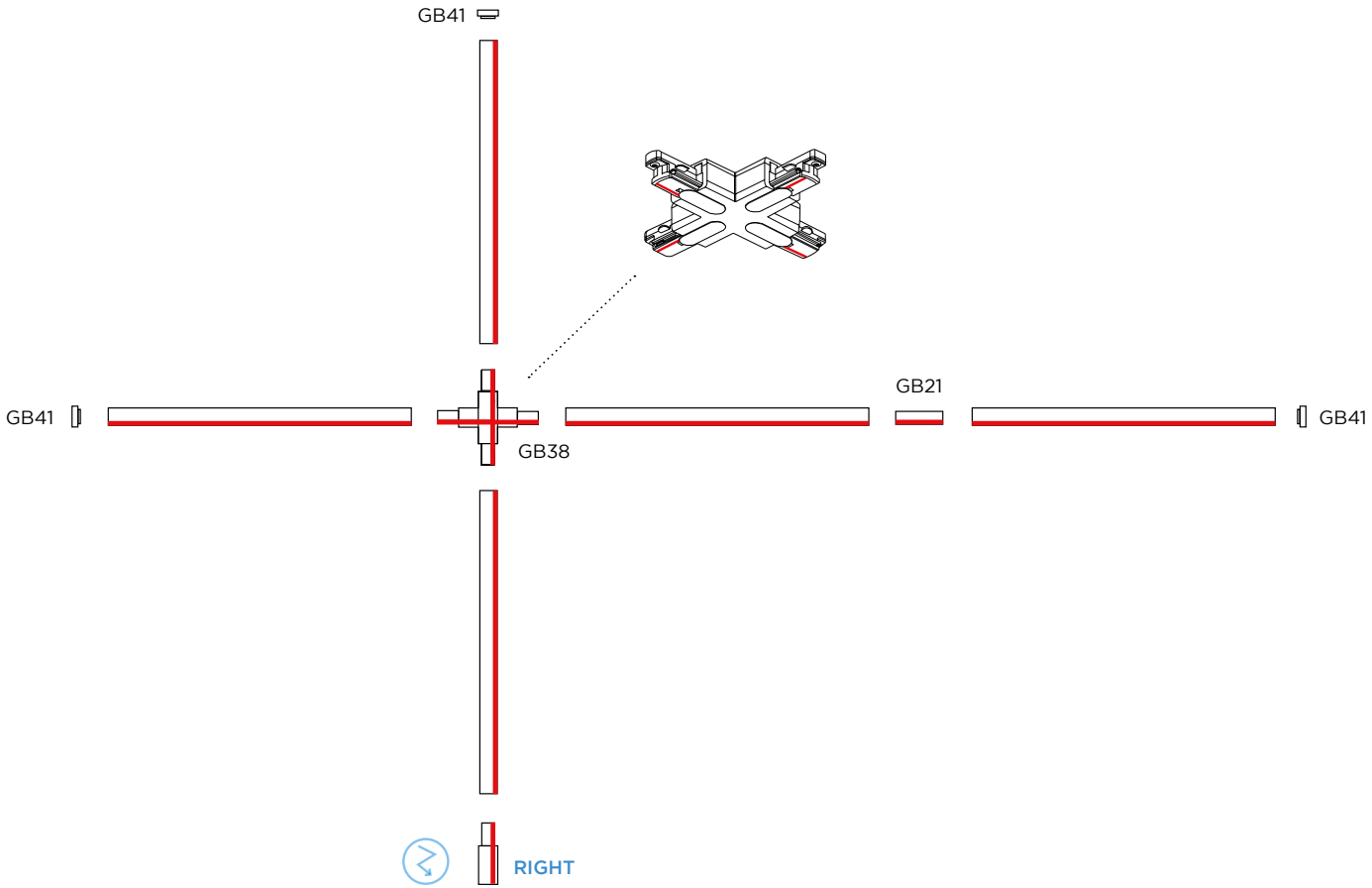
1-PHASE TRACKS

HOW TO MAKE A CROSS COMPOSITION?



drawings are made in top view

USED COMPONENTS

X-feed

GB38

End feed

RIGHT

Straight connector

GB21

End cap

GB41

= indicates ground

= power connection (220-240VAC)

Article codes on page 2

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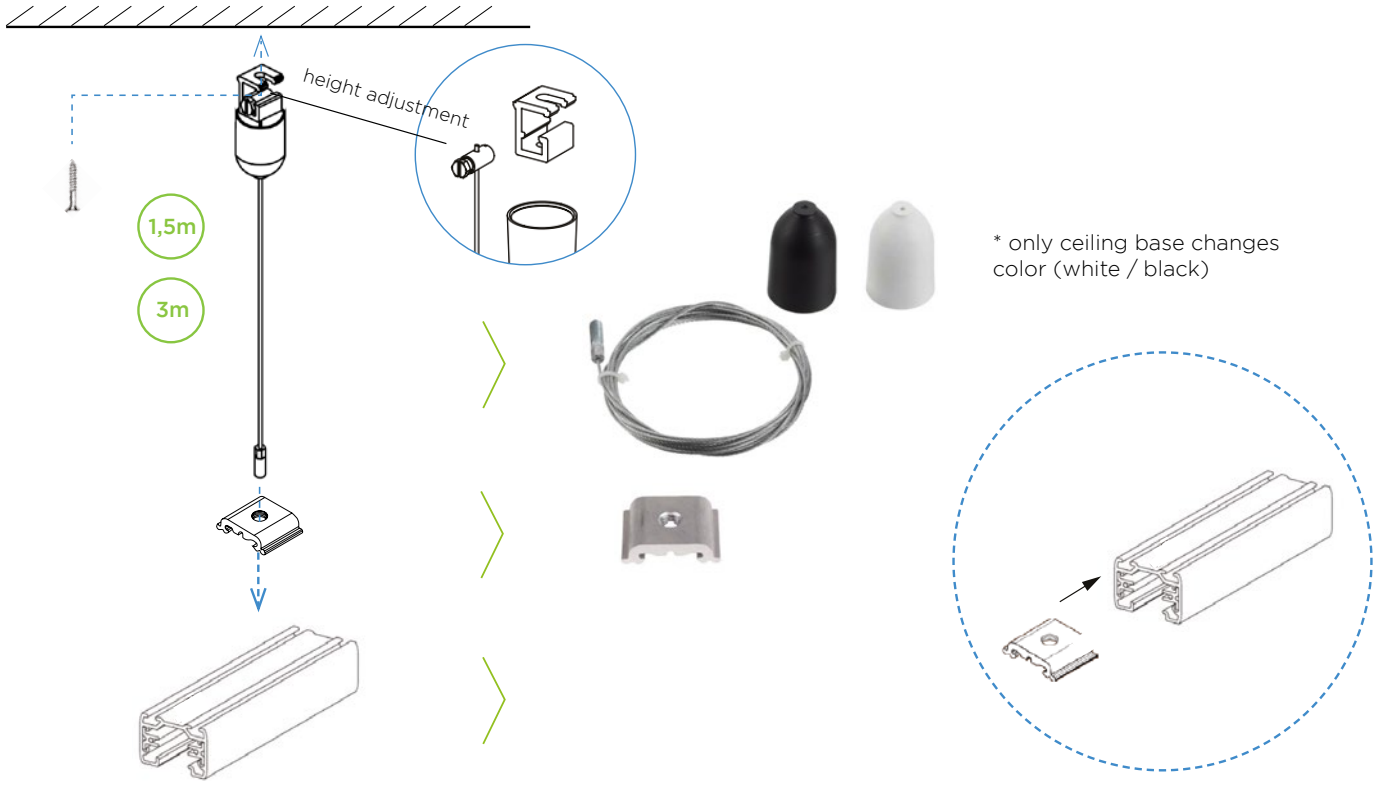
1-PHASE TRACKS

HOW TO SUSPEND A 1-PHASE TRACK?



* only ceiling base changes color (white / black)

drawings are made in top view

USED COMPONENTS

Wire suspension

1,5 meter cable set:

- 90014101
- 90014102

OR

3 meter cable set:

- 90014103
- 90014104

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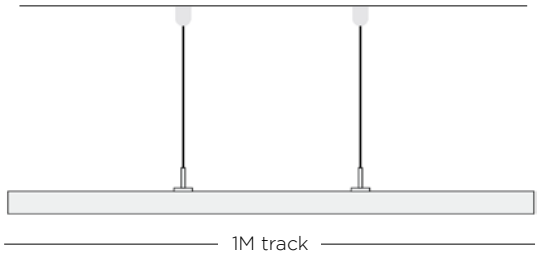
1-PHASE TRACKS

HOW TO SUSPEND A 1-PHASE TRACK?



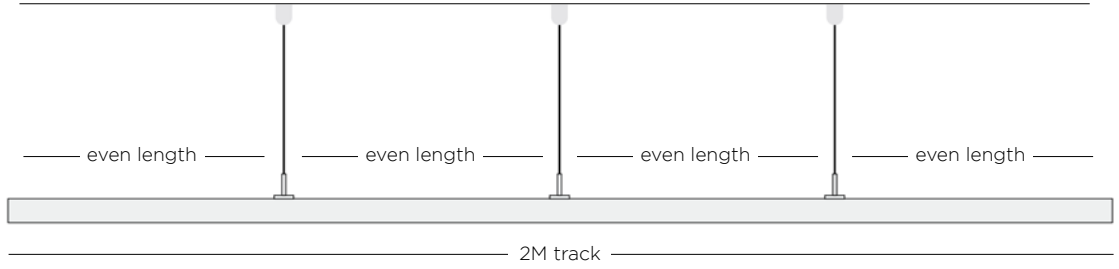
- GENERAL RULE -

 # meter track + 1 = # suspensions

1M track = 2 suspensions
2M track = 3 suspensions
3M track = 4 suspensions

1M track uses 2 suspensions which devides the track in 3 even distances. 1M / 3 = 33cm between the suspensions.

2M track uses 3 suspensions which devides the track in 4 even distances. 2M / 4 = 50cm between the suspensions.



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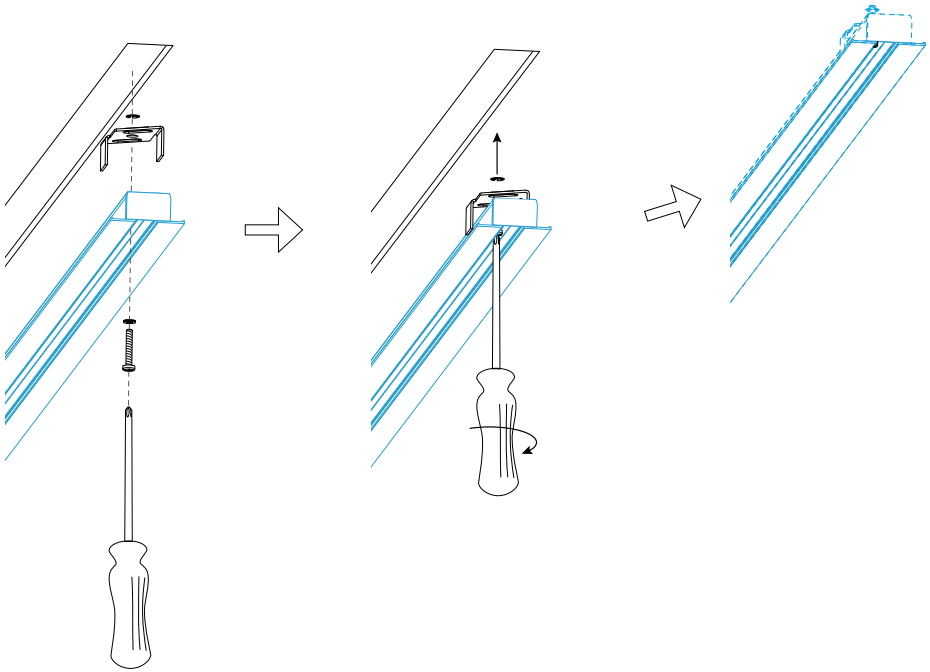
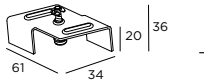
1-PHASE TRACKS

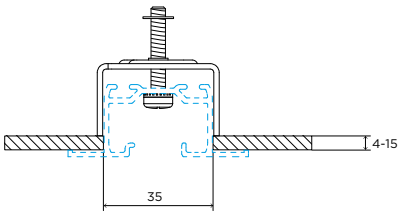


Track length	brackets
1.0m	333 333
2.0m	500 500 500 500
3.0m	600 600 600 600 600

DIMENSIONS



ceiling depth
min 45



PB19-010-774-00_v0

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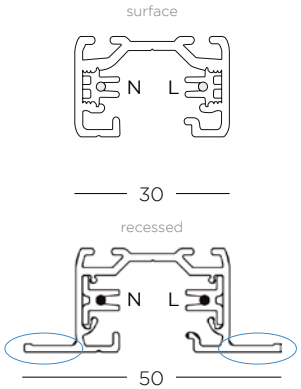
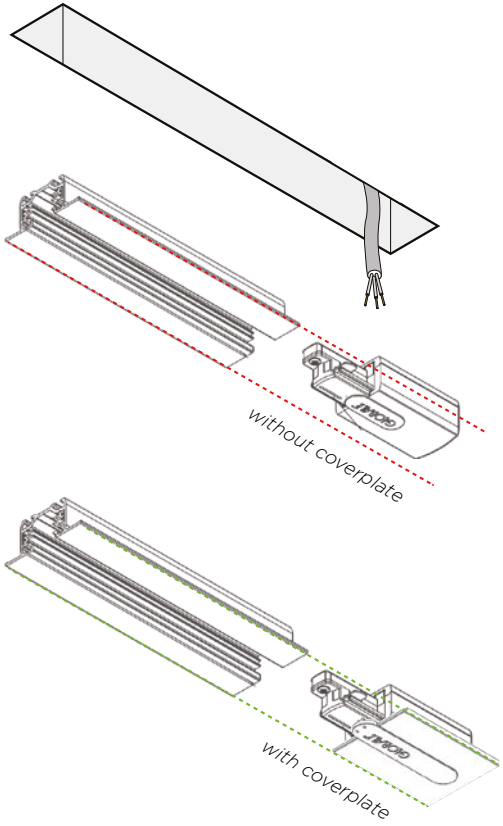
1-PHASE TRACKS

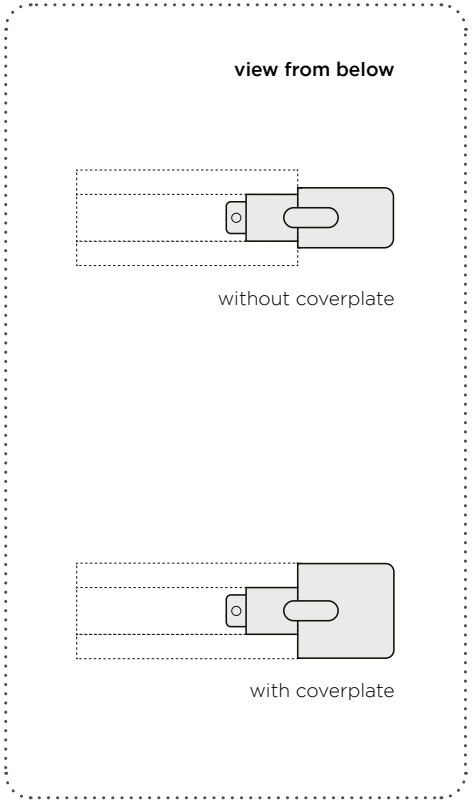
RECESSED TRACKS - COVERPLATES

Coverplates are optionally offered to align the wider trim of recessed tracks with the smaller components such as end feeds, L-feeds etc. The width of these components is the same as the width of the surface mounted track, therefore this accessory is recommended to visually straighten the track configuration when using recessed tracks.



wider edges compared to surface mounted tracks





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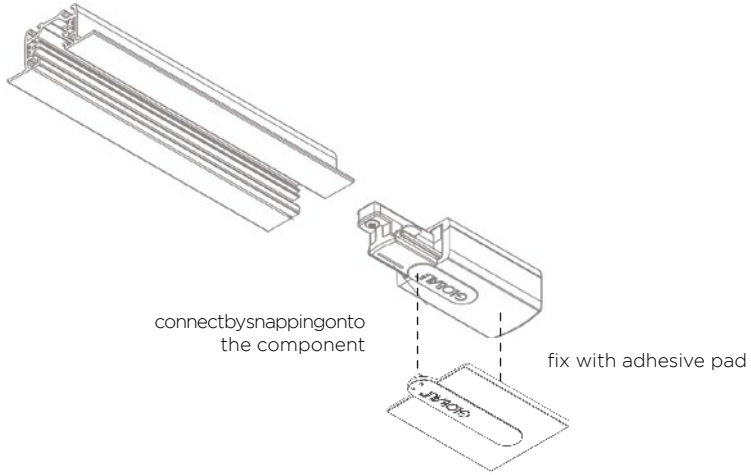
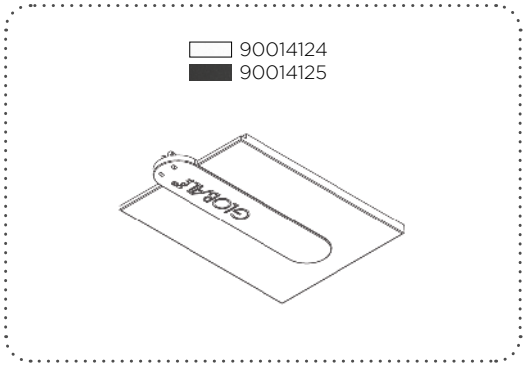
1-PHASE TRACKS

RECESSED TRACKS - COVERPLATES



Compatible with:

> **End** feed (both)



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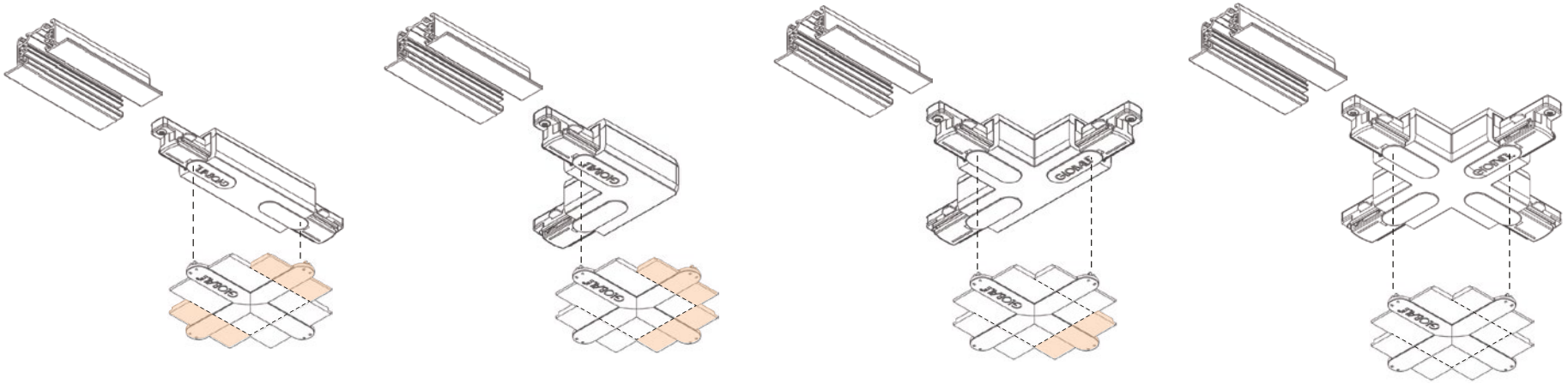
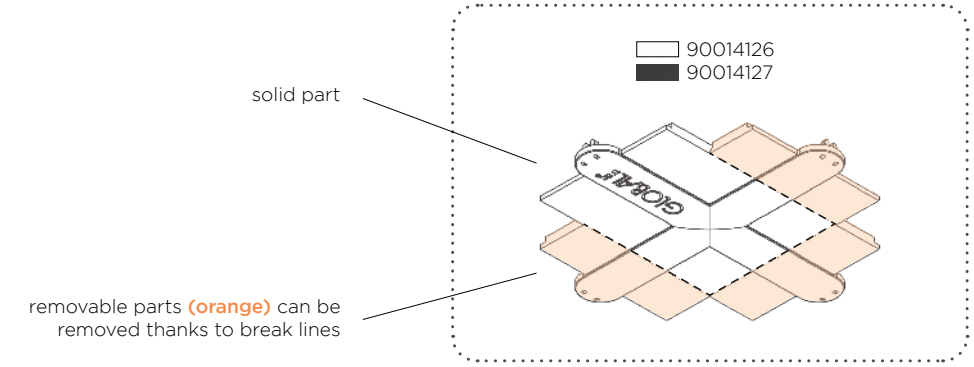
1-PHASE TRACKS

RECESSED TRACKS - COVERPLATES





Compatible with:

> **Middle** feed
> **T** - feed
> **L** - feed
> **X** - feed

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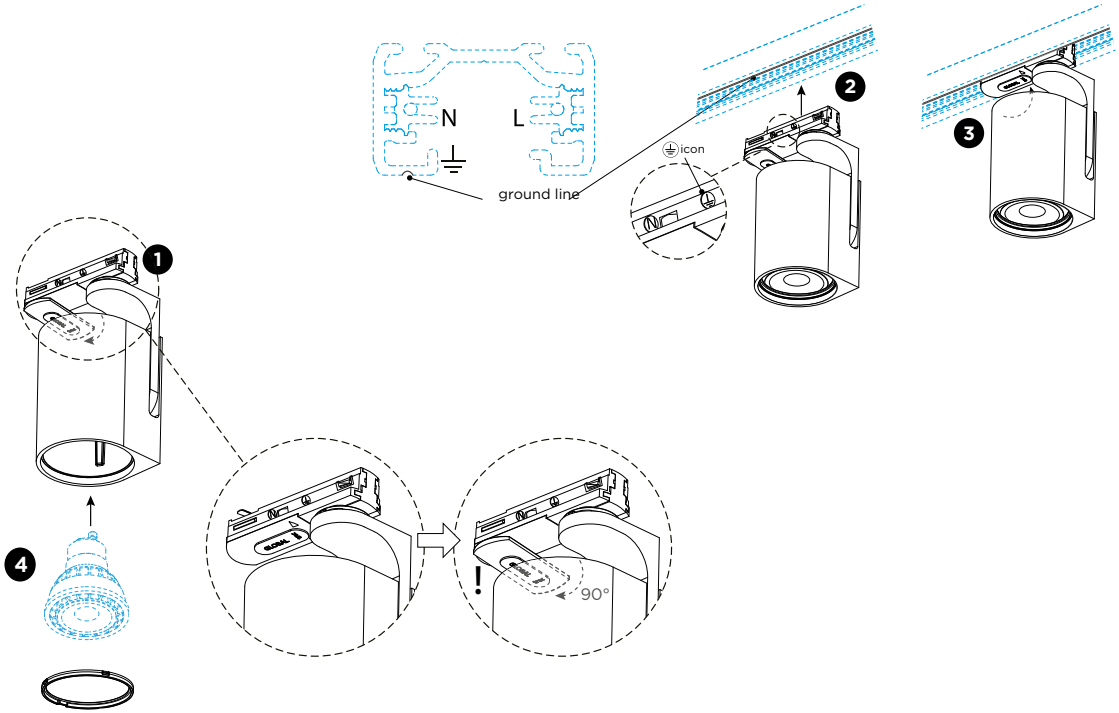
1-PHASE TRACKS

HOW TO FIX A 1-PHASE TRACK ADAPTER INTO A 1-PHASE TRACK - EXAMPLE: SQUBE 1.0 PAR16

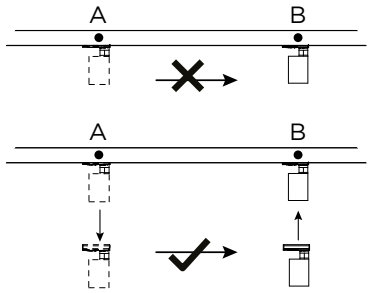


MOUNTING INSTRUCTION

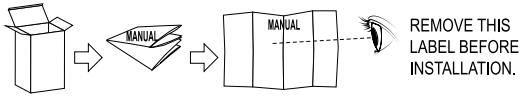
1. Turn the adapter's handle 90° as illustrated.
2. Push the adapter into the track. Make sure the ? icon on the inside of the adapter is faced towards the track side with the ground line craved in it.
3. Turn the handle back into the original position to lock the adapter in the track.
4. For PAR16: mount the lamp into the fixture.

WARNING

Note: the fixture is not allowed to slide in the track. If you want to change location of the fixture in the track, please unlock the fixture from the track and install it on the correct position.



To make sure the installer is aware of the correct installation process we add a paper tag around the luminaire's adapter.



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