Good to *know*

GLOBAL 1 PHASE TRACK COMPONENTS - OVERVIEW

With below components we can make a lot of different compositions.

End feed

GB11 (LEFT)
90014018
90014019

GB12 (RIGHT)
90014020
90014021

Middle feed

GB14
90014036
90014037

Straight connector

GB21
90014022
90014023

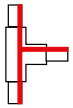
L-connector

GB35 (RIGHT)
90014026
90014027

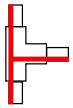
GB34 (LEFT)
90014024
90014025

= indicates ground

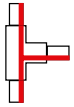
T-connector



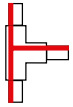
GB40
90014010
90014011



GB39
90014012
90014013



GB37
90014016
90014017

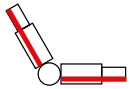


GB36
90014014
90014015

X-connector

GB38
90014049
90014050

Adjustable corner

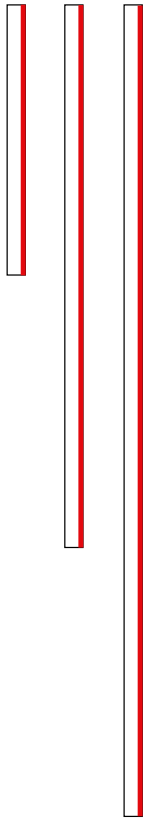


GB24
90014042
90014041

End cap

GB41
90014028
90014029

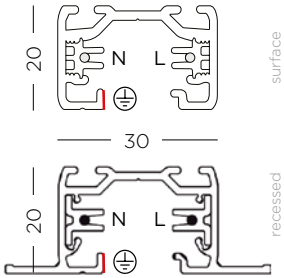
1 phase tracks



1 Meter (surface)
90014001
90014007

2 Meter (surface)
90014002
90014008

3 Meter (surface)
90014003
90014009



1 Meter (recessed)
90014118
9001419

2 Meter (recessed)
90014120
90014121

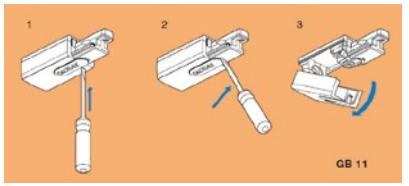
3 Meter (recessed)
90014122
90014123

drawings are made in top view

FEEDS

A FEED is a part upon which the power cable has to be connected to to provide the complete circuit with electricity.

GB11 - END FEED LEFT
GB12 - END FEED RIGHT
GB14 - MIDDLE FEED



CONNECTORS

A connector is a part that passes the electricity from one track to another.

All connectors can be used as FEED except for those marked with a *****

GB21 - STRAIGHT CONNECTOR *****
GB34 - L-CONNECTOR LEFT
GB35 - L-CONNECTOR RIGHT
GB36 - T-CONNECTOR
GB37 - T-CONNECTOR
GB39 - T-CONNECTOR
GB40 - T-CONNECTOR
GB38 - X-CONNECTOR
GB24 - ADJUSTABLE CORNER *****
GB41 - END CAP *****

COMPATIBILITY

The 1-phase track components are compatible with most of the 1-phase tracks in the market as this is a standard.

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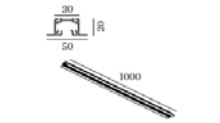
Good to *know*

GLOBAL 1 PHASE TRACK COMPONENTS - OVERVIEW (1/2)

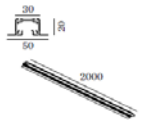
Where can these components been found in the catalogue?

TRACK PROFILE 1M
recessed



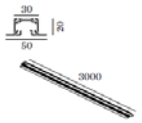
CODE
90014118
90014119

TRACK PROFILE 2M
recessed



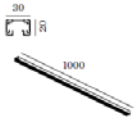
CODE
90014120
90014121

TRACK PROFILE 3M
recessed



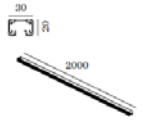
CODE
90014122
90014123

TRACK PROFILE 1M
surface



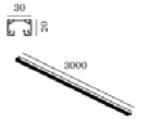
CODE
90014001
90014007

TRACK PROFILE 2M
surface



CODE
90014002
90014008

TRACK PROFILE 3M
surface



CODE
90014003
90014009

PAGE 602

COVERPLATE I/L/T/X
only use with recessed tracks

CODE
90014126
90014127

COVERPLATE END FEEDS
only use with recessed tracks

CODE
90014124
90014125

END FEED
left

CODE
90014018
90014019

END FEED
right

CODE
90014020
90014021

CONNECTOR
straight

CODE
90014022
90014023

L-CONNECTOR LEFT
can be used as feed

CODE
90014024
90014025

L-CONNECTOR RIGHT
can be used as feed

CODE
90014026
90014027

PAGE 603

Good to *know*

GLOBAL 1 PHASE TRACK COMPONENTS - OVERVIEW (2/2)

Where can these components been found in the catalogue?

MIDDLE FEED
straight

	CODE
	90014036
	90014037

END CAP LEFT/RIGHT

	CODE
	90014028
	90014029

TRACK ADAPTER
no space for driver
for suspension power cable
incl. strain relief

	CODE
	90014044
	90014043

T-CONNECTOR
can be used as feed

	CODE
	90014010
	90014011

T-CONNECTOR
can be used as feed

	CODE
	90014012
	90014013

T-CONNECTOR
can be used as feed

	CODE
	90014014
	90014015

T-CONNECTOR
can be used as feed

	CODE
	90014016
	90014017

X-CONNECTOR
can be used as feed

	CODE
	90014049
	90014050

FLEXIBLE CORNER

	CODE
	90014042
	90014041

HEIGHT ADJ. SLEEVE

	CODE
	90014040

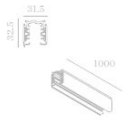
SUSPENSION CLAMP

	CODE
	90014038

PAGE 604

Page 605 represents the 3-phase tracks section but the "wire suspension" **(marked in green)** can also be used with the **1-phase tracks**

TRACK PROFILE 1M
surface

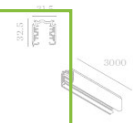


	CODE
	90014060
	90014061

TRACK PROFILE 2M
surface

	CODE
	90014062
	90014063

TRACK PROFILE 3M
surface



	CODE
	90014064
	90014065

SUSPENSION CLAMP
fast mounting

	CODE
	90014130
	90014128

HEIGHT ADJ. SLEEVE

	CODE
	90014040

WIRE SUSPENSION
incl. ceiling fixation bracket | suitable also for 1-phase track

1.5m	CODE
	90014047
	90014039

3.0m	CODE
	90014053
	90014082

TRACK ADAPTER
no space for driver
for suspension power cable
incl. strain relief

	CODE
	90014078
	90014079

COMPLETE SUSPENSION SET
incl. ceiling fixation

	CODE
	90014083

SUSPENSION WIRE SET
cable with loop | 3.0m

	CODE
	90014131
	90014129

PAGE 605

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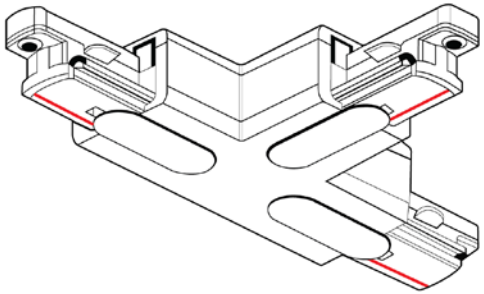
Good to *know*

HOW TO READ AND UNDERSTAND THE SYMBOLS?

All symbols are shown as top view

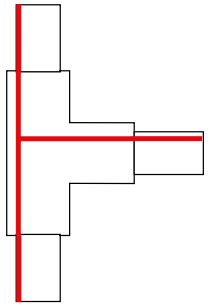
REAL VIEW

Realistic presentation

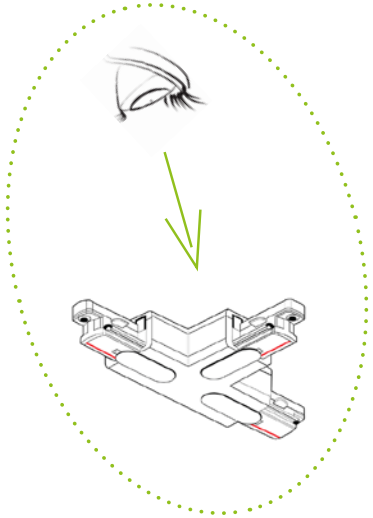


TOP VIEW

Schematic presentation



projected (top) view



= indicates ground

Simplified representation of the track components
with a clear view where the polarity lines are located.

TOP VIEW (also called FLOOR VIEW):
The line drawings are seen and interpreted from aboves point of view.

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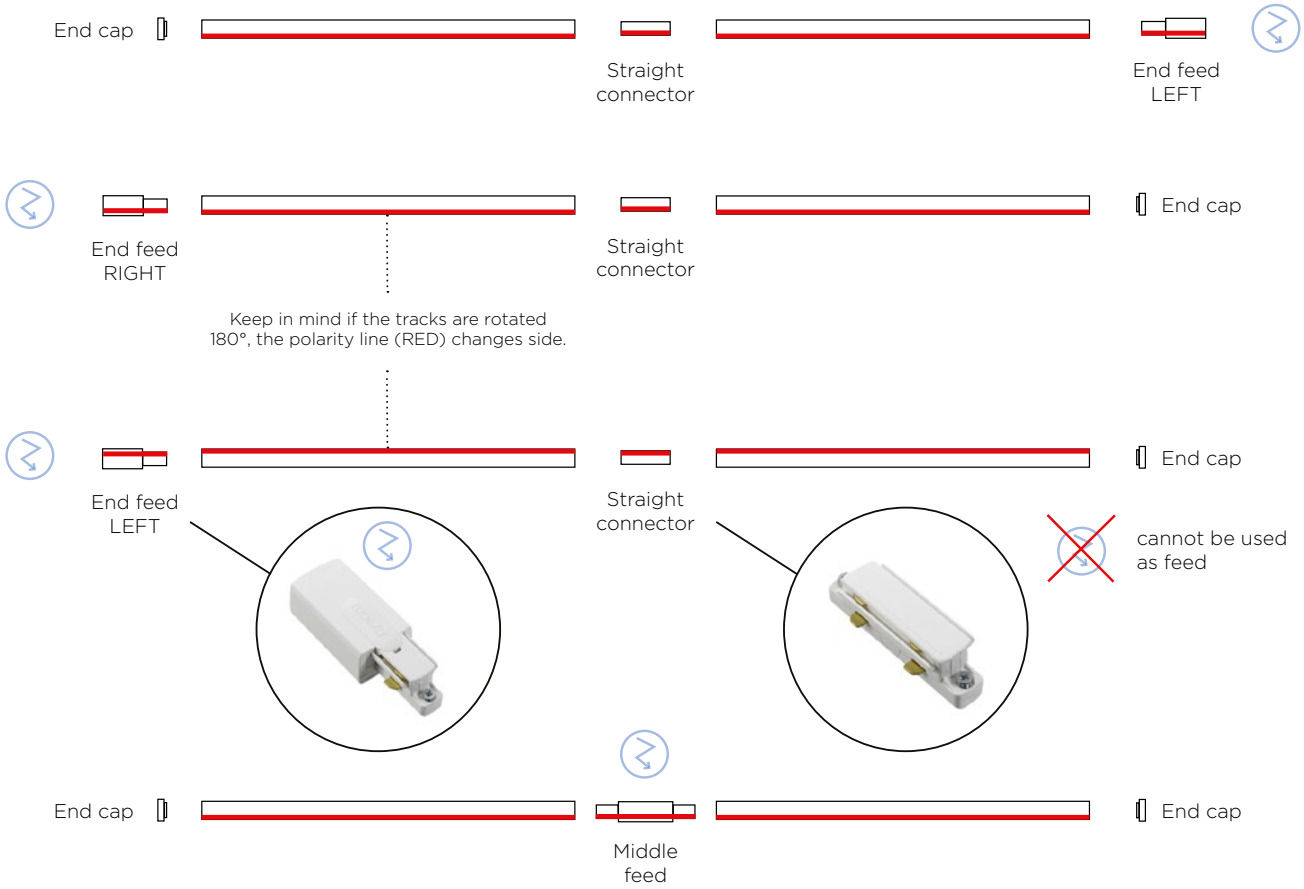
Good to *know*

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.



drawings are made in top view

USED COMPONENTS

Middle feed

Straight connector

End feed

LEFT RIGHT

End cap

= indicates ground

= power connection (220-240VAC)

Article codes on page 1-3

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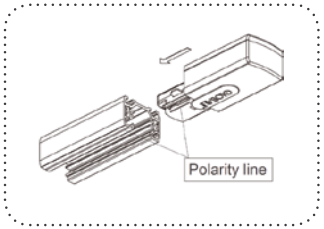
Good to *know*

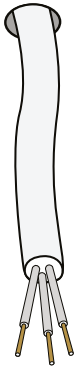


INSTALLATION GUIDE - electrical connection to the track (1/2)

Connecting the power cable to the feeder unit in a proper way.

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

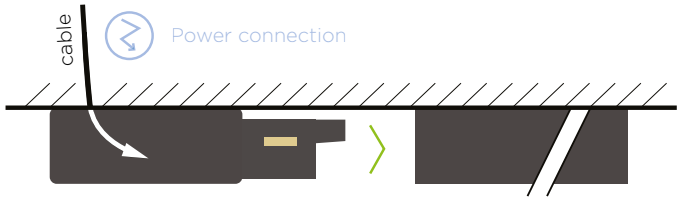
Step 1



3 wires*

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

Step 2 (more info on page 7)



Step 3

Connect both component and the track to each other

*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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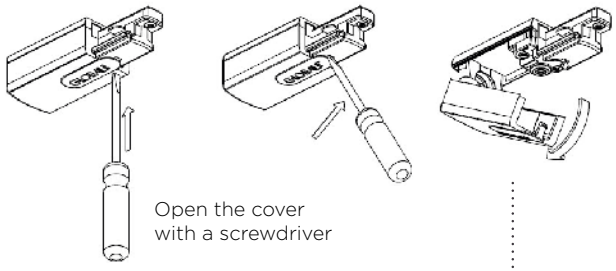
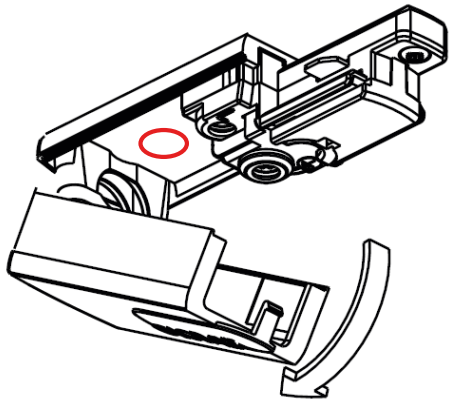
Good to *know*

INSTALLATION GUIDE - electrical connection to the track (2/2)

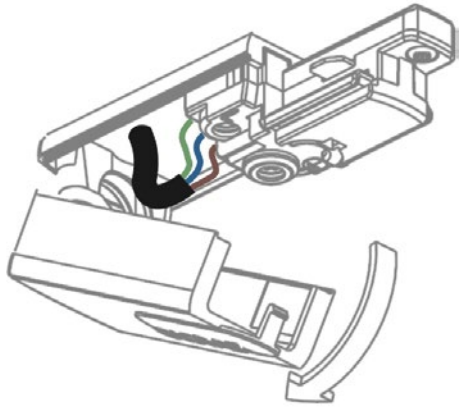
Connecting the power cable to the feeder unit in a proper way.



Open the cover
with a screwdriver



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

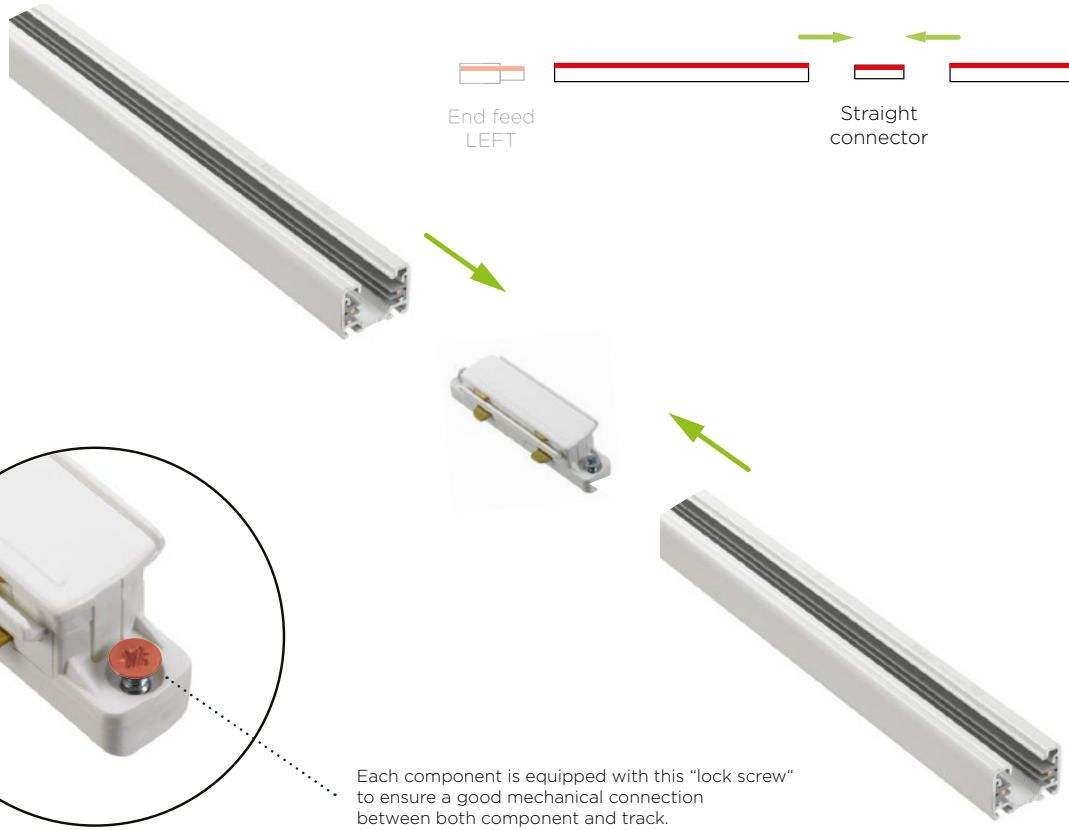


> Put the cable through the hole
and connect to the electrical block

Good to *know*

INSTALLATION GUIDE - connect multiple tracks to each other (mechanical & 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 untill it's completely inside both tracks.

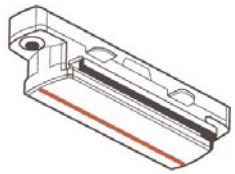


drawings are made in top view

USED COMPONENTS

Straight connector

GB21



cannot be used as
a feeder unit

= indicates ground

= power connection
(220-240VAC)

Article codes on page 1-3

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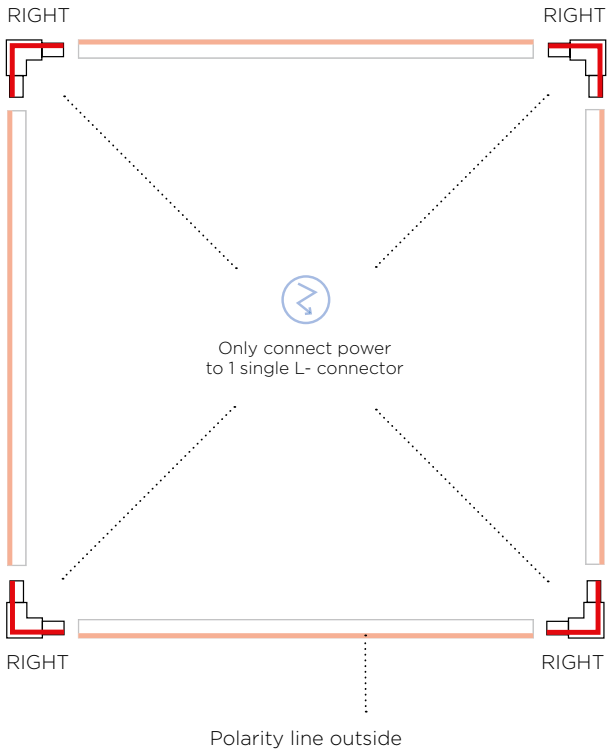
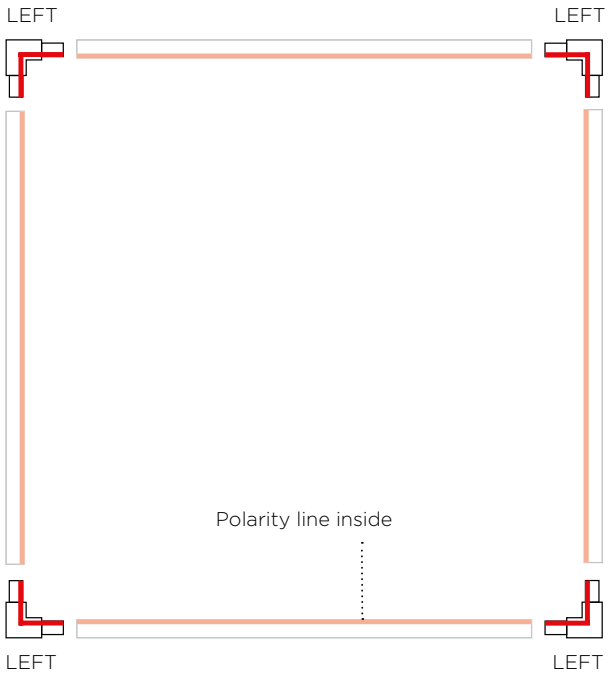
LIGHTING

Good to *know*

HOW TO MAKE A SQUARE? - when the power is located in one of the corners

When you make a composition of several corners and each corner turns in the same way like the ones before, you can keep using the same L-connector. In this composition each L-connector could be used as power feeder unit.
Only connect power to 1 single L-connector per circuit.

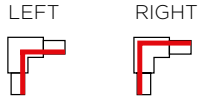




drawings are made in top view

USED COMPONENTS

L-connector



= indicates ground

= power connection
(220-240VAC)

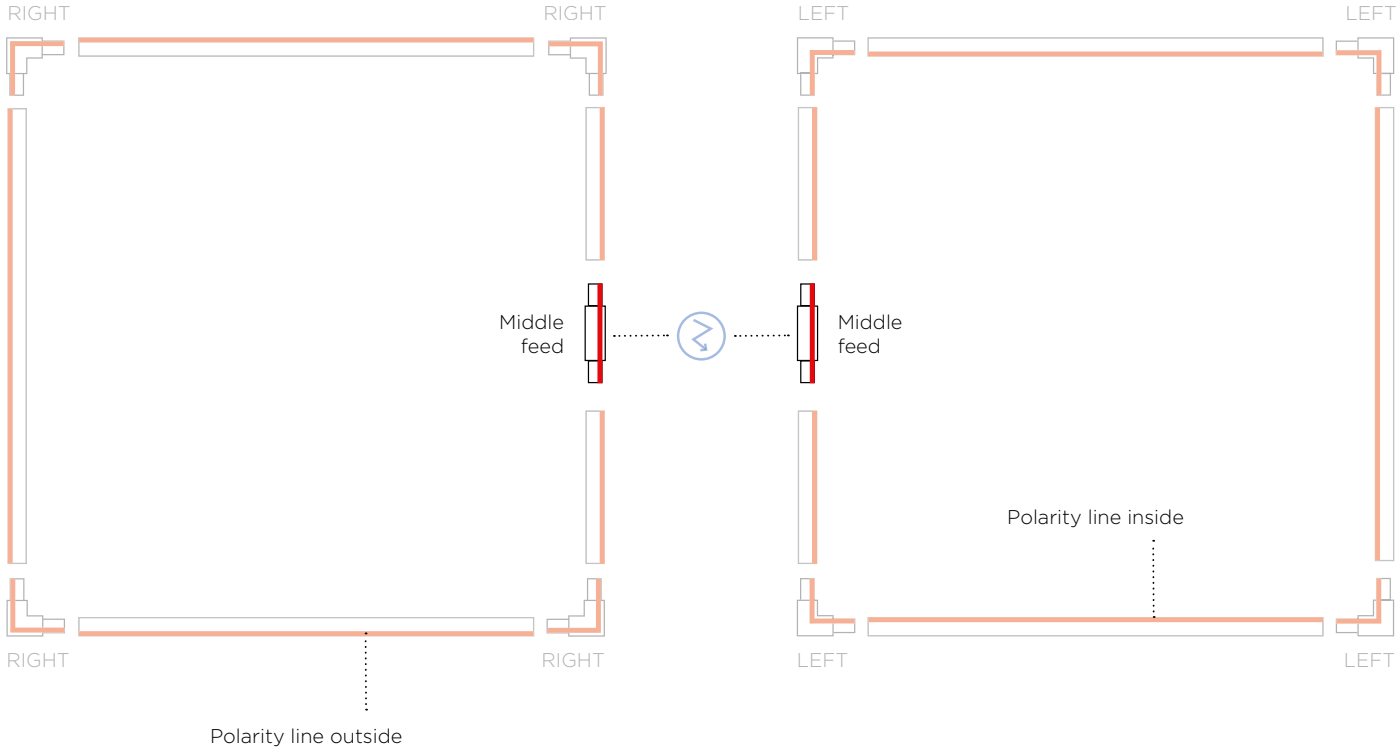
Article codes on page 1-3

WEVER & DUCRÉ
LIGHTING

Good to *know*

HOW TO MAKE A SQUARE? - when the power is located at random (not at one of the corners)

Power can also be connected by using a **middle feed** instead of an L- connector as feeder unit in case the power is located at a more random location.



drawings are made in top view

USED COMPONENTS

L-connector

LEFT RIGHT

Middle feed

= indicates ground

= power connection (220-240VAC)

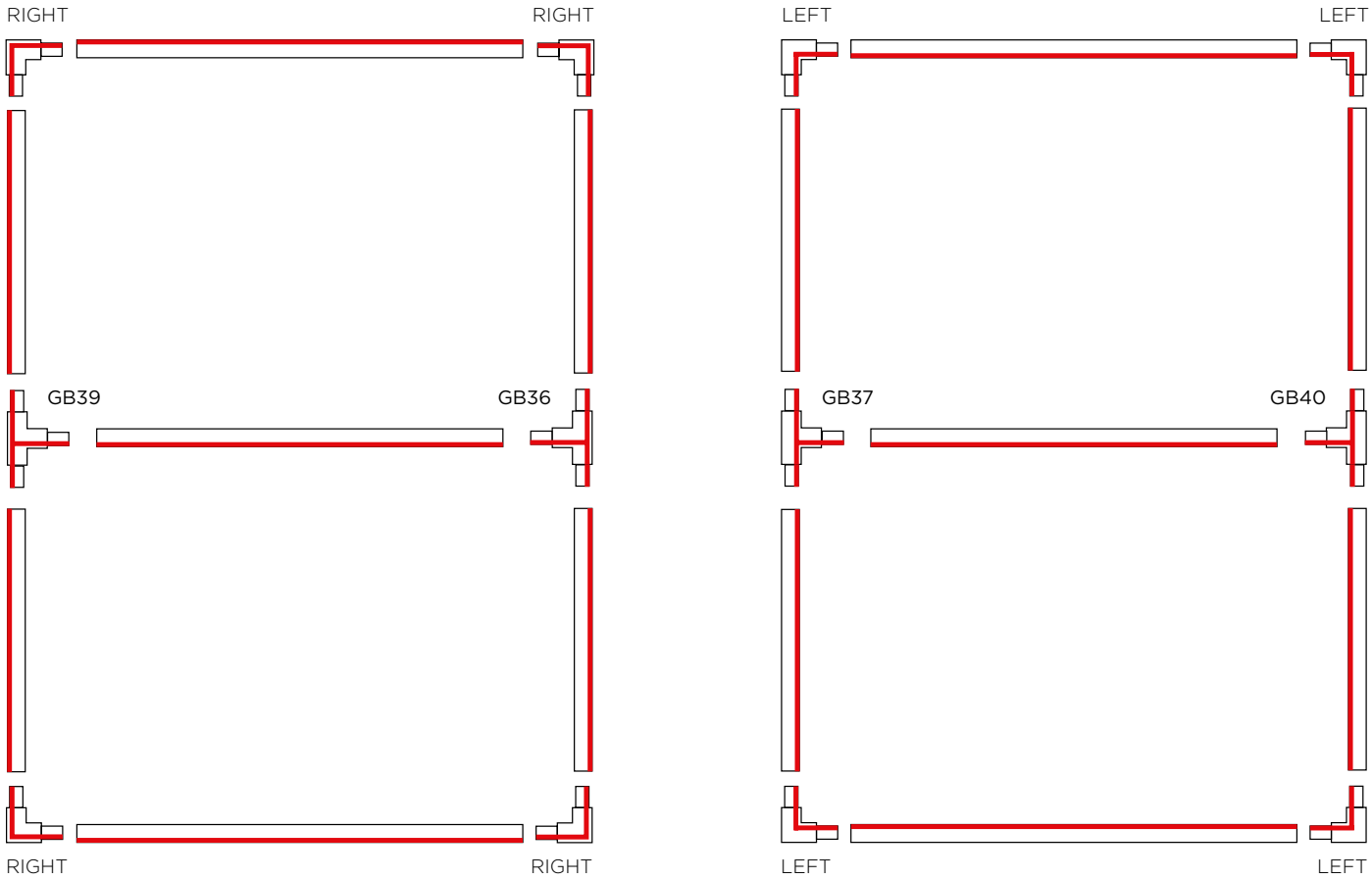
Article codes on page 1-3

WEVER & DUCRÉ
LIGHTING

Good to *know*

HOW TO MAKE A DOUBLE SQUARE?

In this composition each L-connector or T-connector can be used as power feeder unit.
Only connect power to 1 single L- or T- connector per circuit.

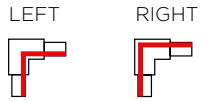


drawings are made in top view

USED COMPONENTS

T-connector

L-connector



= indicates ground

Article codes on page 1-3

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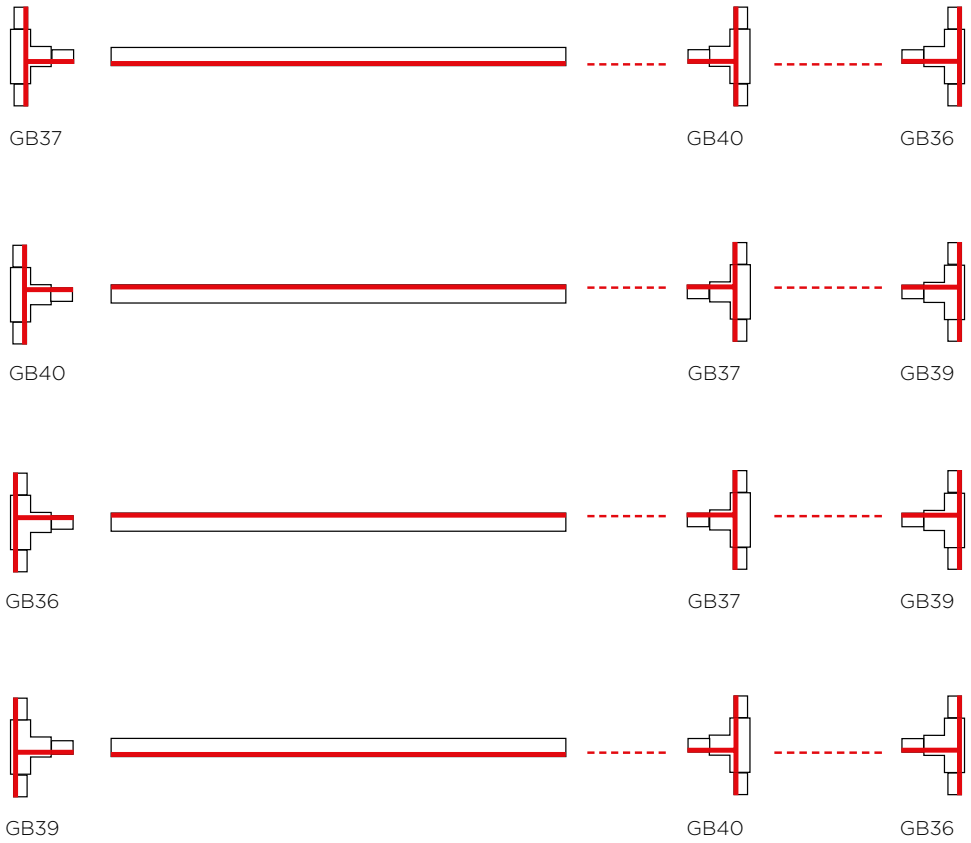
Good to *know*

CORRESPONDING T-CONNECTORS

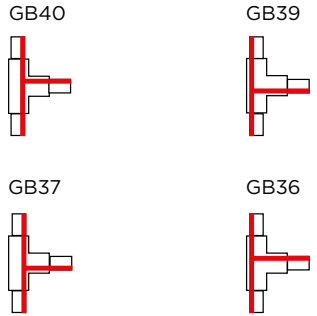
Which different T-connectors can be used with each other (when mirrored)?



drawings are made in top view

USED COMPONENTS

T-connector



= indicates ground

= power connection (220-240VAC)

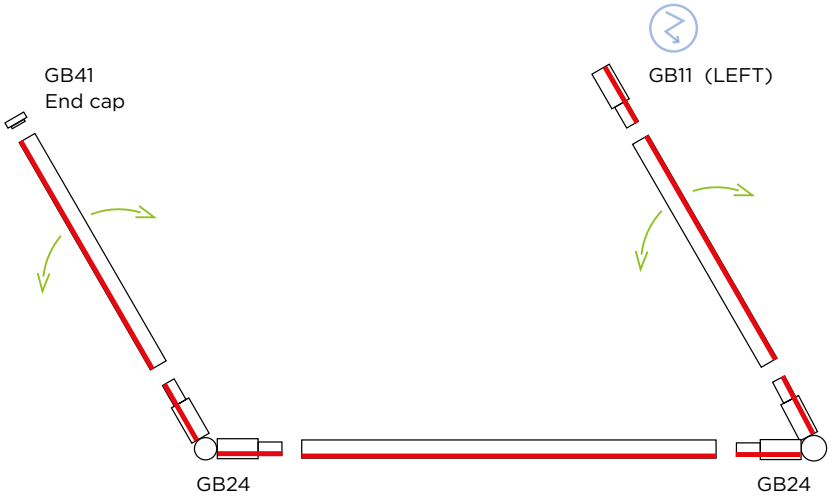
Article codes on page 1-3

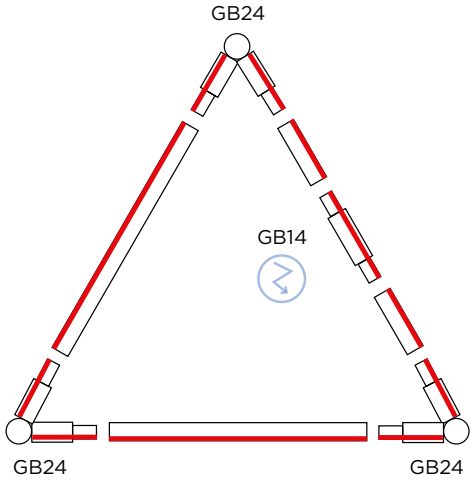
WEVER & DUCRÉ
LIGHTING

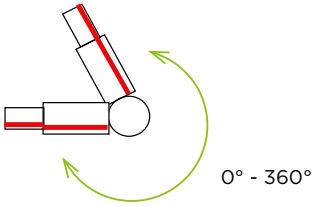
Good to *know*

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

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



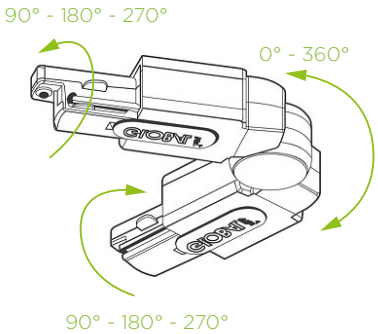




drawings are made in top view

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 1-3

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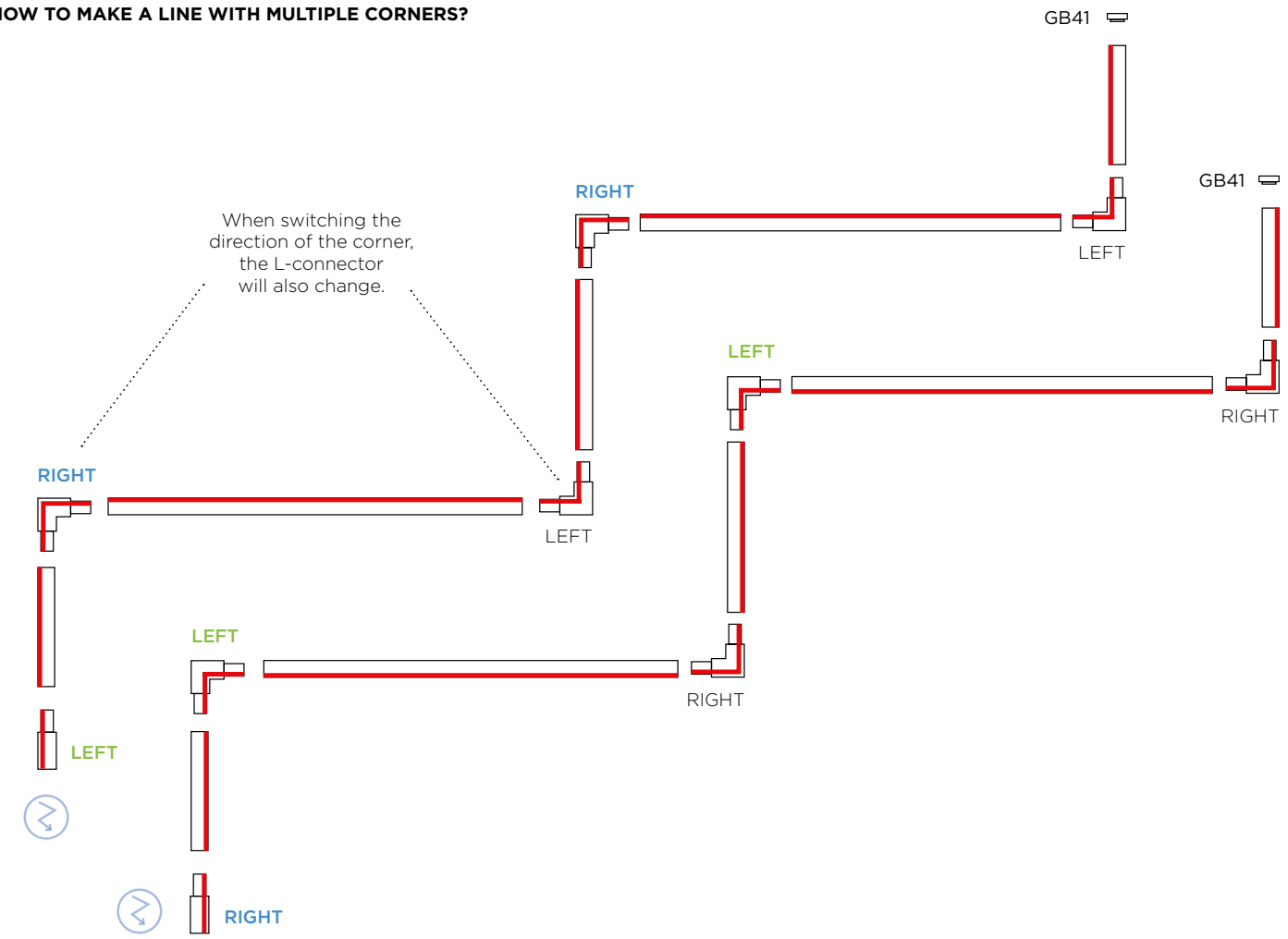
Good to *know*

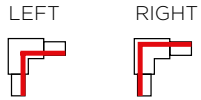
HOW TO MAKE A LINE WITH MULTIPLE CORNERS?



drawings are made in top view

USED COMPONENTS

L-connector



End feed

End cap

= indicates ground

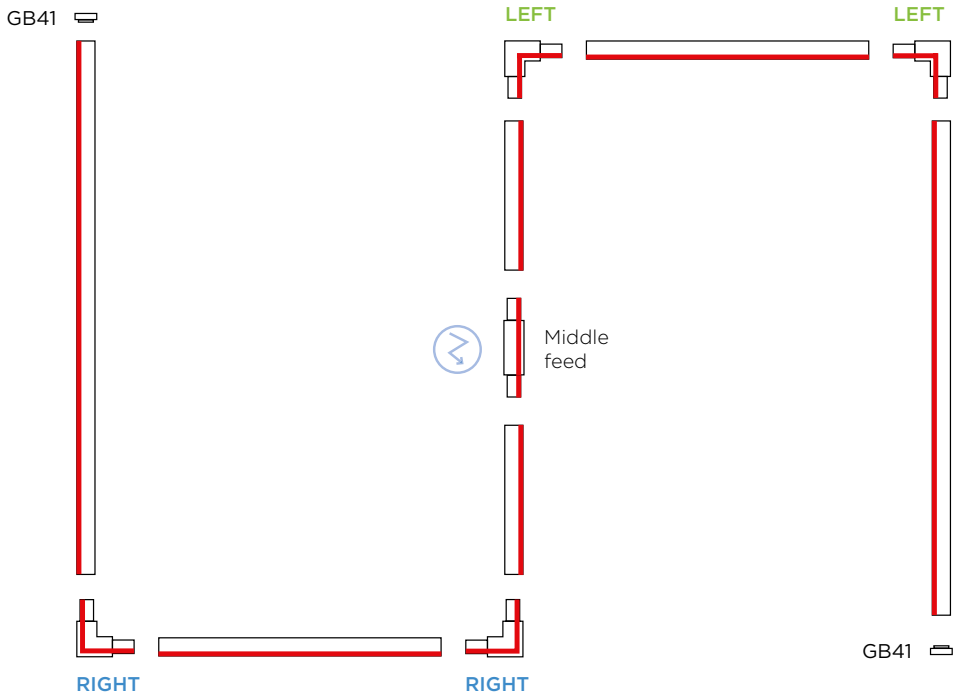
= power connection (220-240VAC)

Article codes on page 1-3

WEVER & DUCRÉ
LIGHTING

Good to *know*

MAKING AN "S-COMPOSITION" WITH A MIDDLE FEED

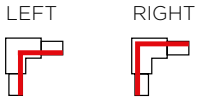


Making a corner in the same direction results in using the same L-connector.

drawings are made in top view

USED COMPONENTS

L-connector



Middle feed

End cap

= indicates ground

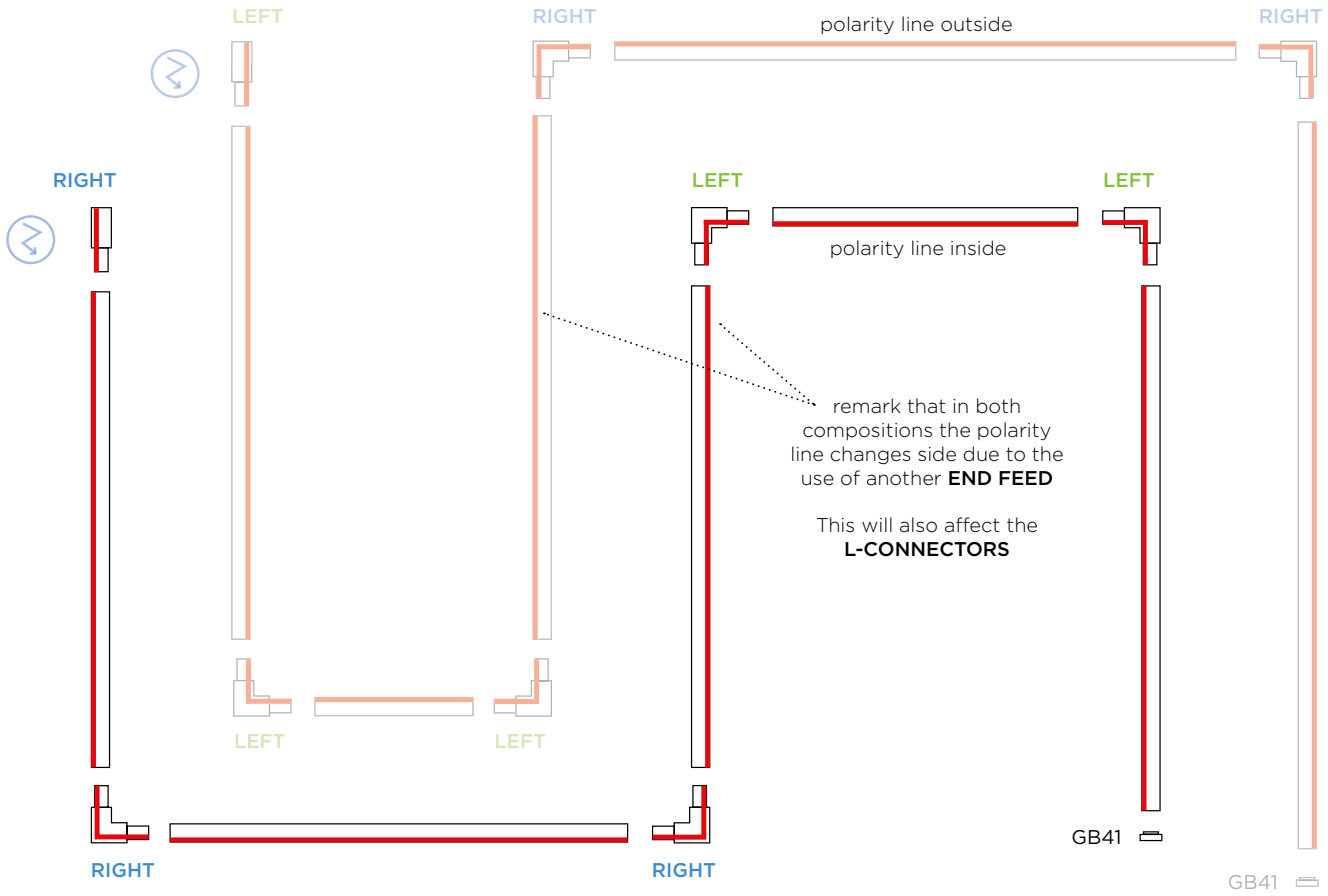
= power connection (220-240VAC)

Article codes on page 1-3

WEVER & DUCRÉ
LIGHTING

Good to *know*

MAKING AN "S-COMPOSITION" COMPARED WITH 2 DIFFERENT END FEEDS



drawings are made in top view

IMPORTANT

In this example we want to show that the same composition can be made in different ways (by using different connectors / feeder units).

Always keep good in mind that this will affect the position of the polarity line like shown in the example.

This will also affect the use of different connectors / feeder units.

L-connector

LEFT RIGHT

End feed

RIGHT LEFT

End cap

= indicates ground

= power connection (220-240VAC)

Article codes on page 1-3

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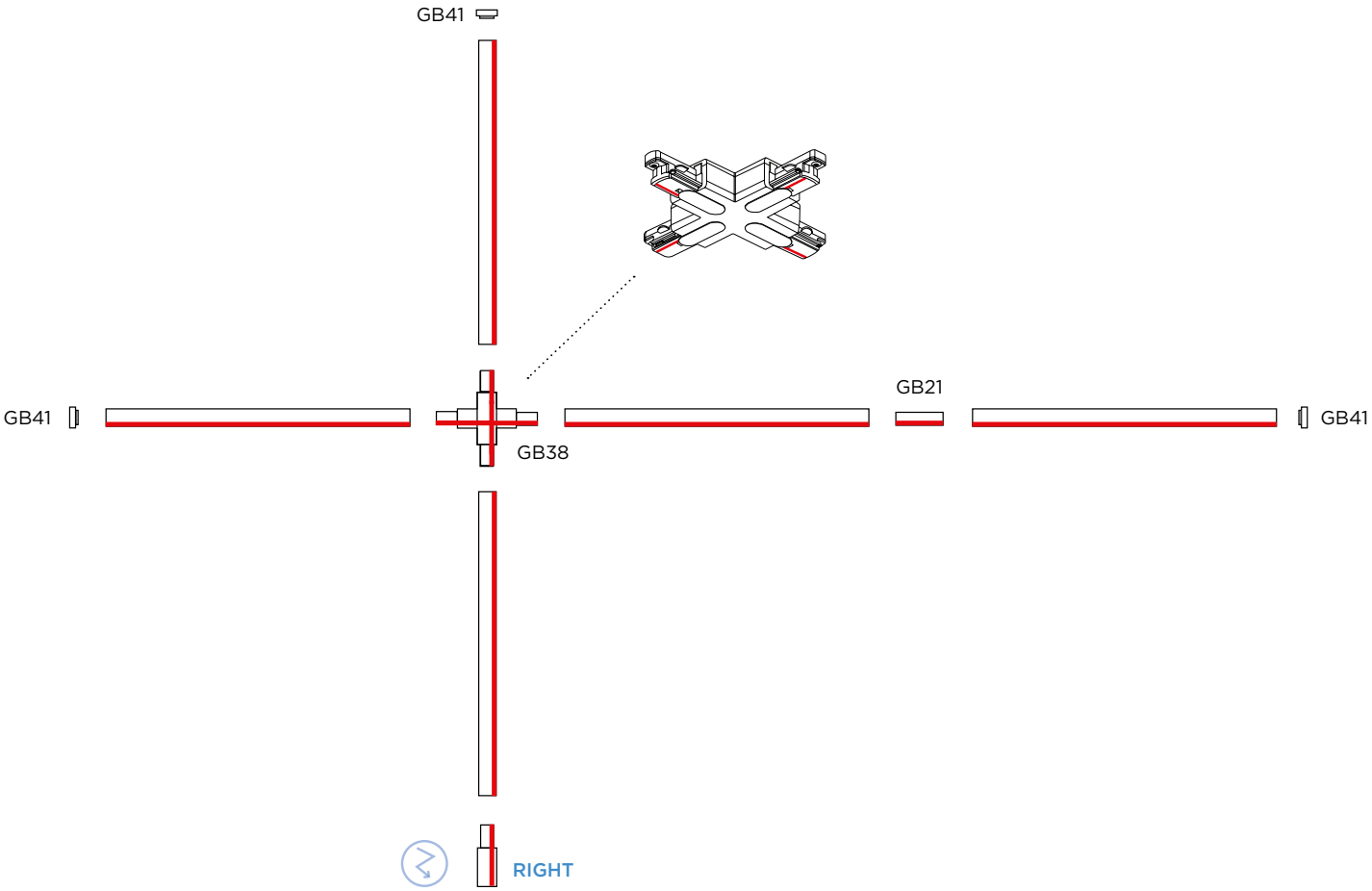
LIGHTING

Good to *know*

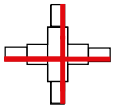
HOW TO MAKE A CROSS COMPOSITION?



drawings are made in top view

USED COMPONENTS

X-connector



GB38

End feed

RIGHT

Straight connector

GB21

End cap

GB41

= indicates ground

= power connection
(220-240VAC)

Article codes on page 1-3

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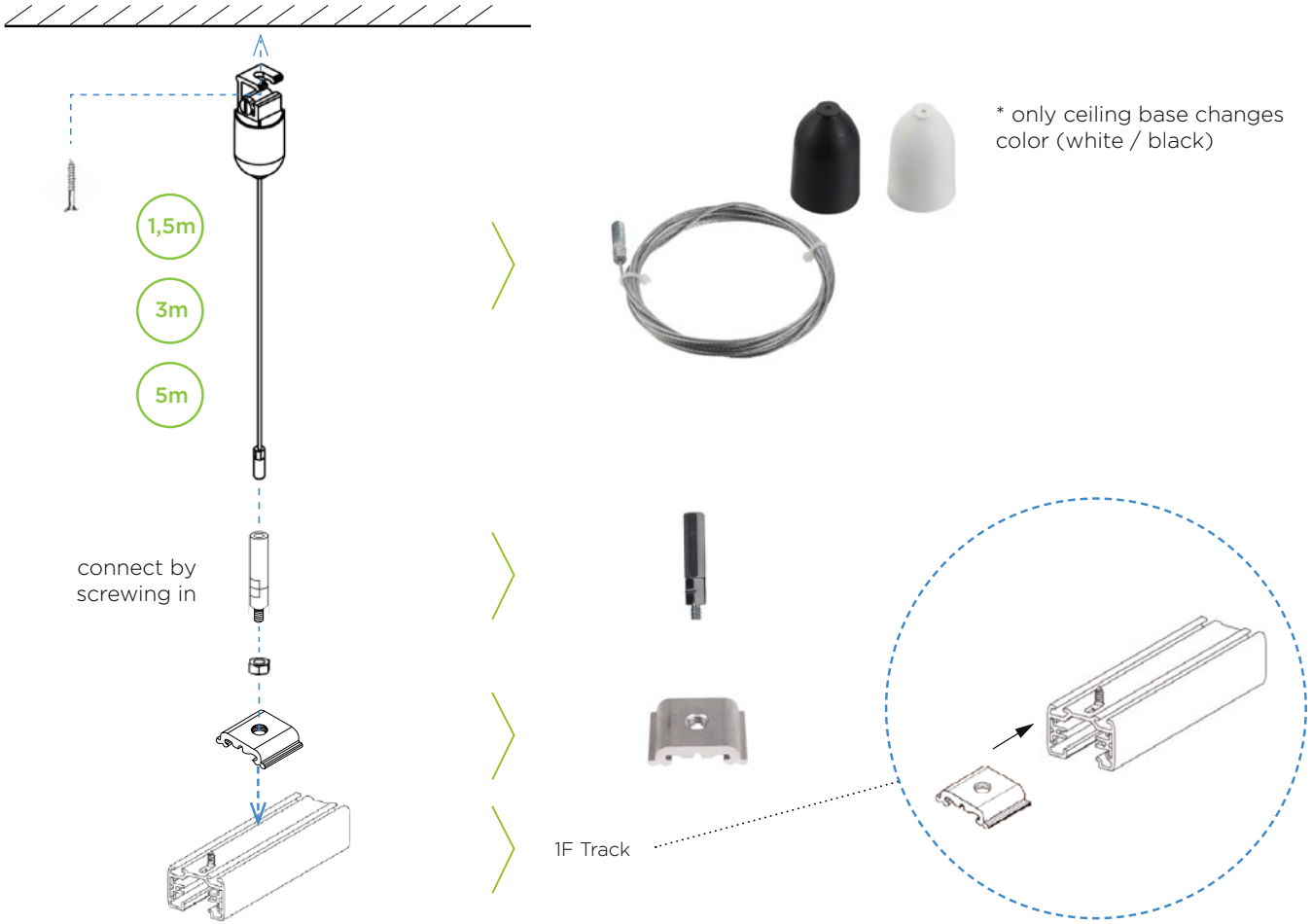
Good to *know*

HOW TO SUSPEND A 1 PHASE TRACK?



USED COMPONENTS

Wire Suspension

1,5 meter cable set:

90014047
90014039

OR

3 meter cable set:

90014053
90014082

OR

5 meter cable set:

90014092
90014093

Height Adj. Sleeve

90014040
*metal color

Suspension Clamp

90014038
*metal color

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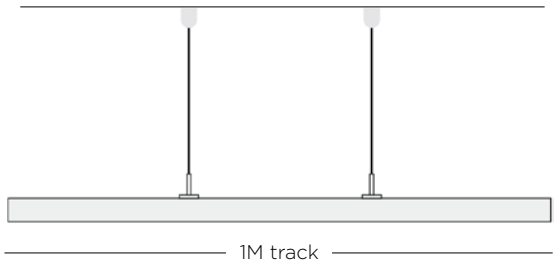
Good to *know*

HOW TO SUSPEND A 1 PHASE TRACK?

In order to remain well balanced



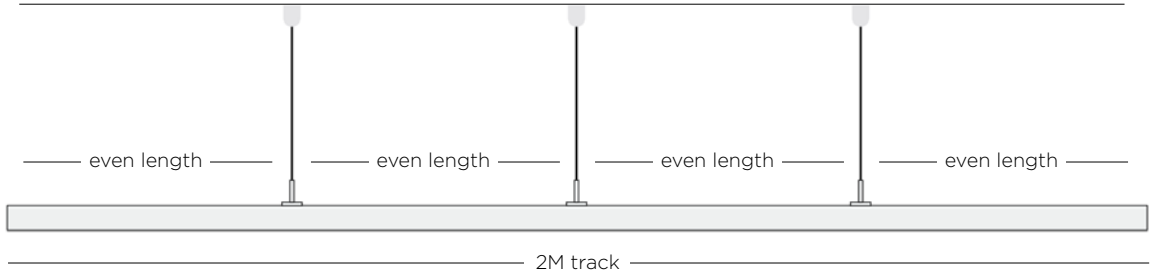
- GENERAL RULE -

 # meter track + 1 = # suspensions

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

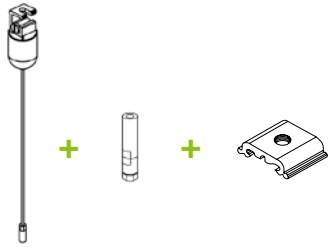
1M track uses 2 suspensions which devides the track in 3 even distances. 1M / 3 = 33cm between the suspensions.

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



USED COMPONENTS

Suspension set



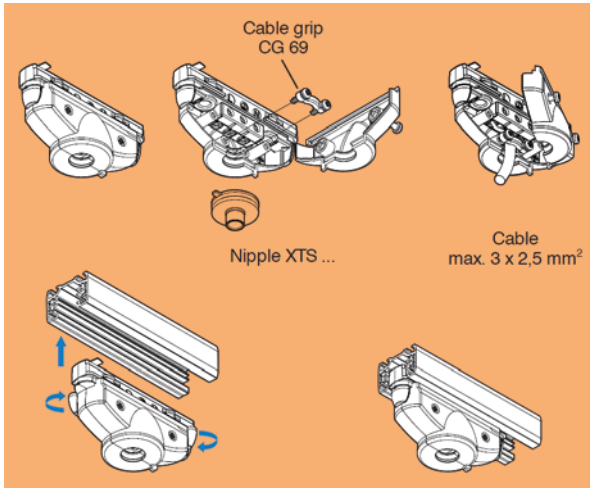
> feeder unit
> end cap
> straight connector (between 2 tracks)

Article codes on page 1 & 18

WEVER & DUCRÉ
LIGHTING

Good to *know*

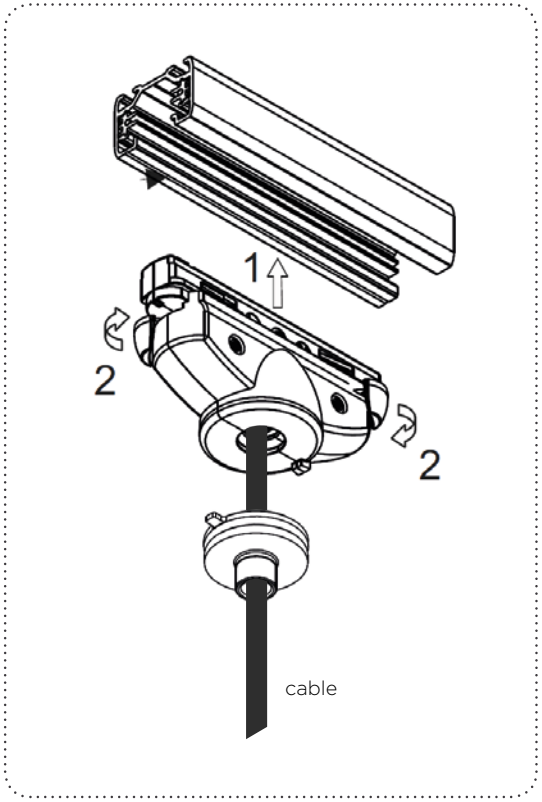
GLOBAL 1 PHASE TRACK ADAPTERS - INSTALLATION



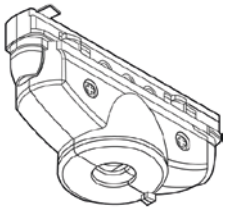
Can only be used to mount suspended fixtures on a 1-phase track which don't need a power supply or where the power supply is mounted inside the fixture and not in the ceiling base.

Features:

> **Max** pull strength 100N (approx. **10kg**)
> Screw terminals for conductor max 2,5mm²
> Protection class 1



Track adapter
for 1-phase track |
no space for driver



90014044
90014043

Article codes on page 3

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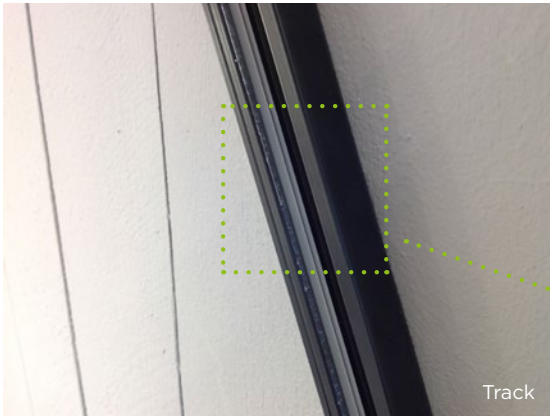
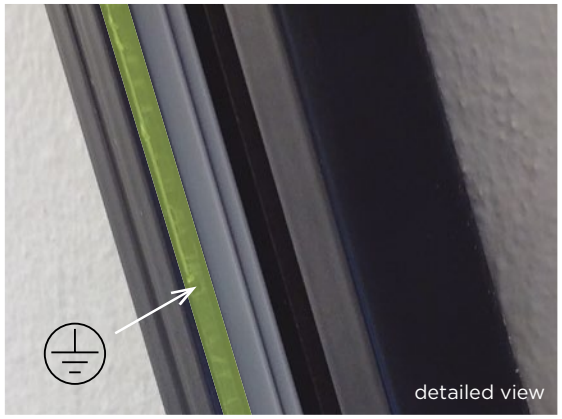
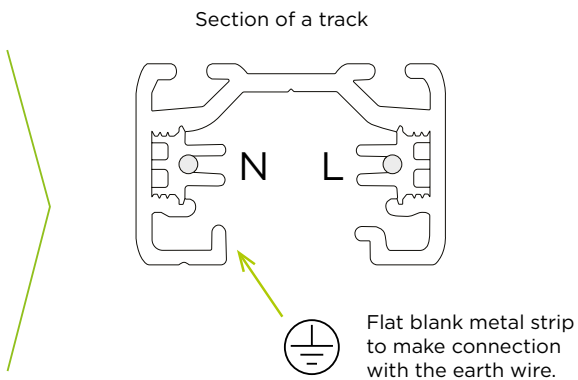
LIGHTING

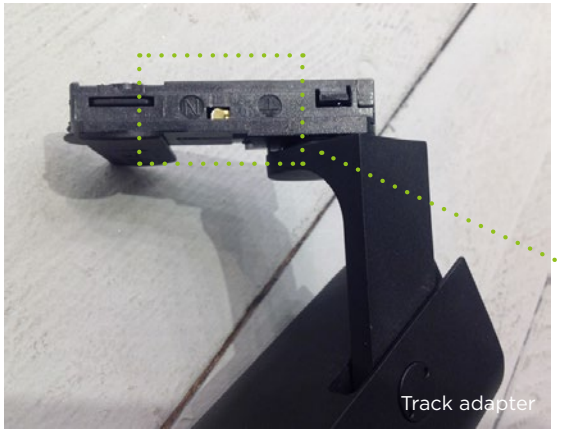
Good to *know*

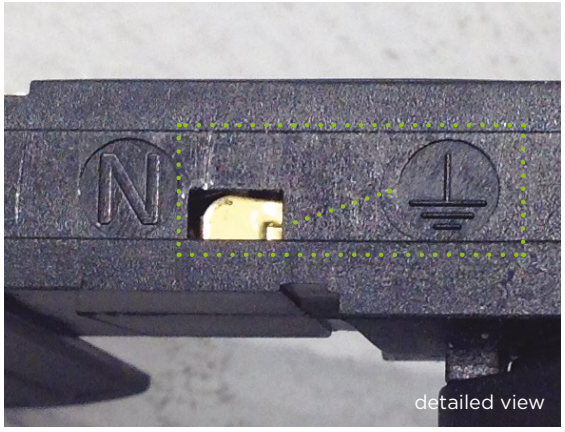
HOW TO FIX A 1 PHASE TRACK ADAPTER INTO A 1 PHASE TRACK?

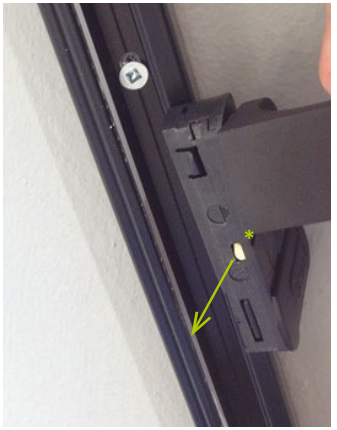












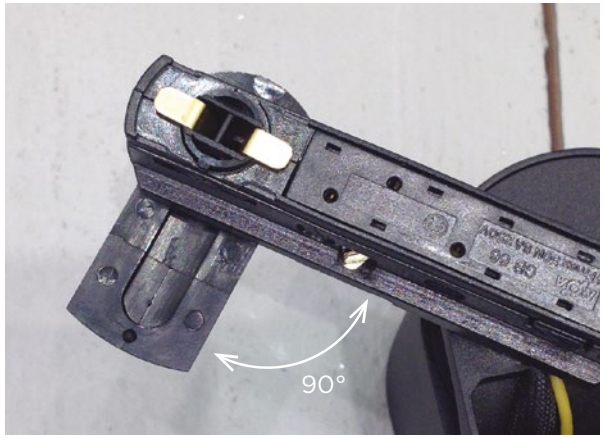
IMPORTANT

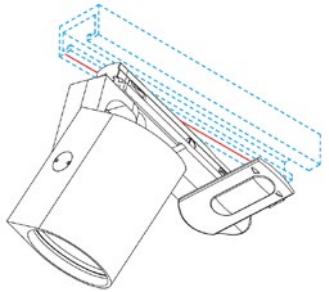
Make sure this metal part from the adapter * makes connection to this side of the track (earth wire) in order to mount the track adapter in the correct direction.

When inserting the track adapter in the wrong direction (turned 180°) this will damage the connections of the track adapter.

Good to *know*

HOW TO FIX A 1 PHASE TRACK ADAPTER INTO A 1 PHASE TRACK?

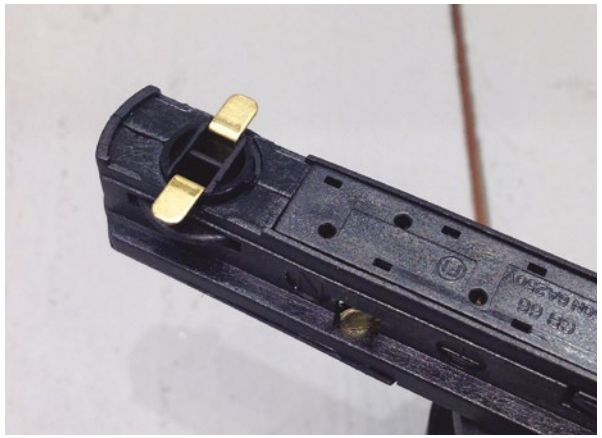


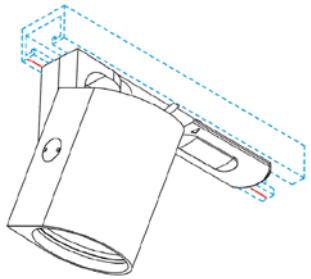


Turn the handle, which is mounted on the adaptor, 90°.

Push the fixture (adaptor) into the track. Make sure the ⏚ icon on the side of the adaptor is faced towards the track side with the black metal strip (small line carved in it)

Make sure that the metal pins are aligned with the track adapter when inserting the adapter into the tracks to avoid damage to these pins (turn handle 90°).





Turn the handle back in its original position. Now both metal pins will make electrical connection to the track and the light will lit up.

When removing the fixture you need to turn the handle again.

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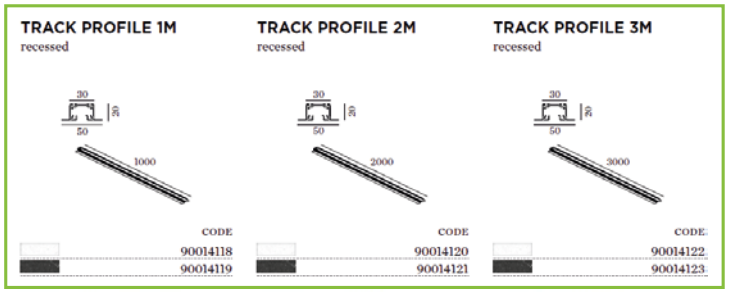
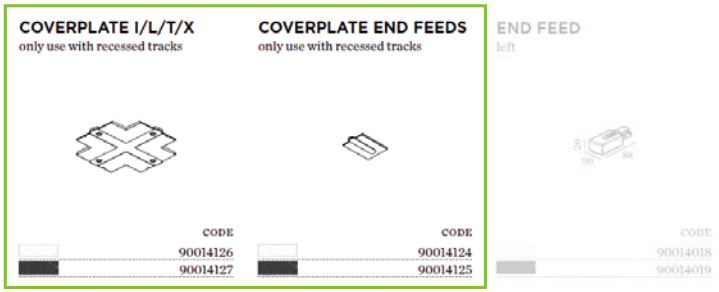
Good to *know*

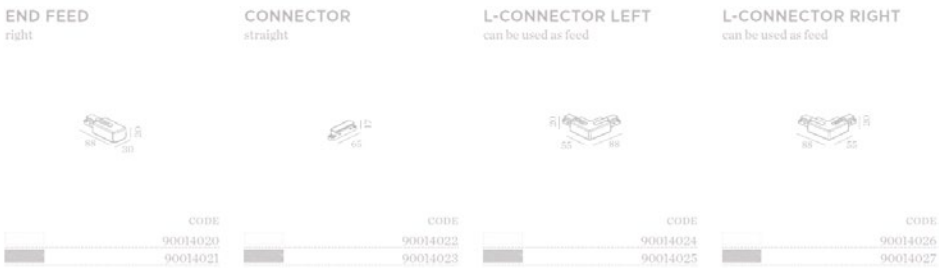
RECESSED TRACKS - OVERVIEW / WHERE TO FIND

Recessed tracks **(marked in green)** uses exactly the same components as used with the surface mounted tracks.
The only difference here is that afterwards coverplates **(marked in green)** needs to be applied to these components in order to.
Recessed tracks are wider than surface mounted tracks due to their trim edge. Using these coverplates will make these components as wide as the track itself.



PAGE 602



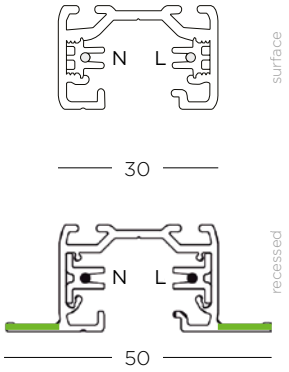


PAGE 603

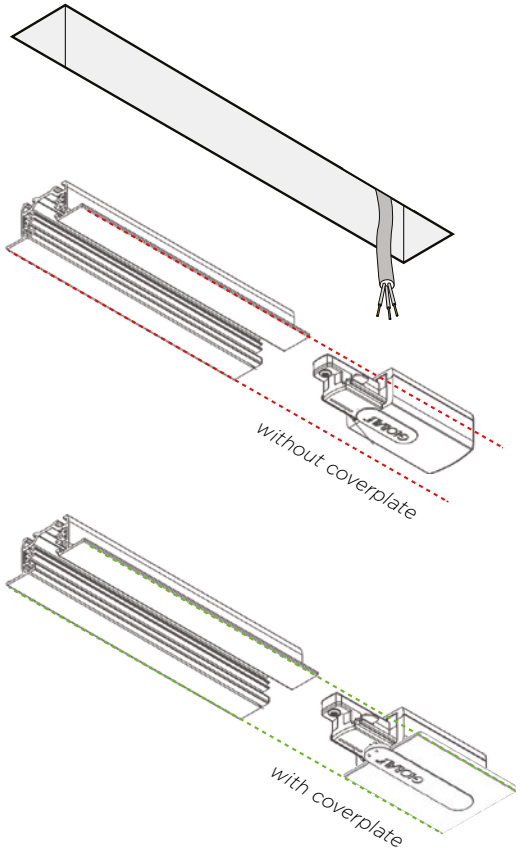
Good to *know*

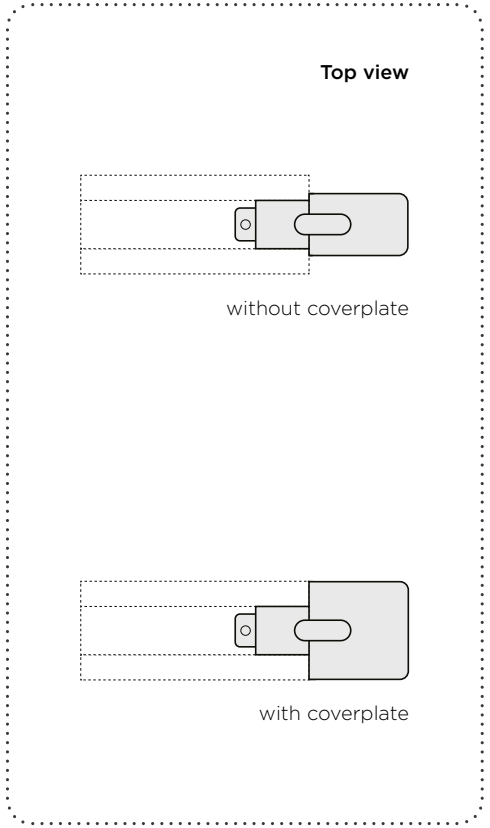
RECESSED TRACKS - COVERPLATES

Coverplates are used to allign the (wider) edges from recessed tracks compared to surface mounted tracks, with the standard (small) components (feeders, connectors, etc...)
All track components have a standard width which allings perfectly with surface mounted tracks. In order to make them visually as wide as the recessed tracks, coverplates needs to be applied.



wider edges compared to surface mounted tracks





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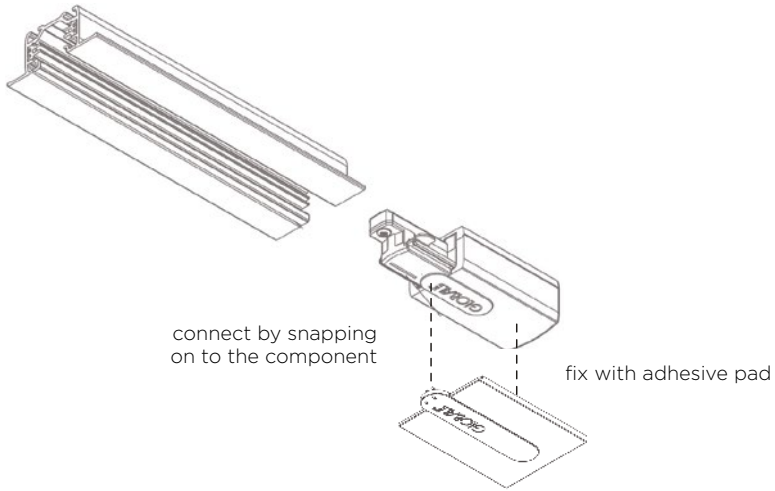
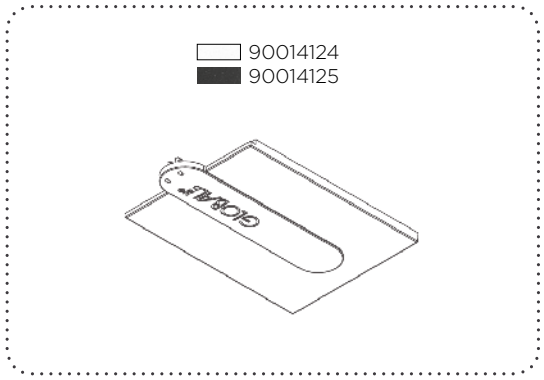
Good to *know*

RECESSED TRACKS - COVERPLATES



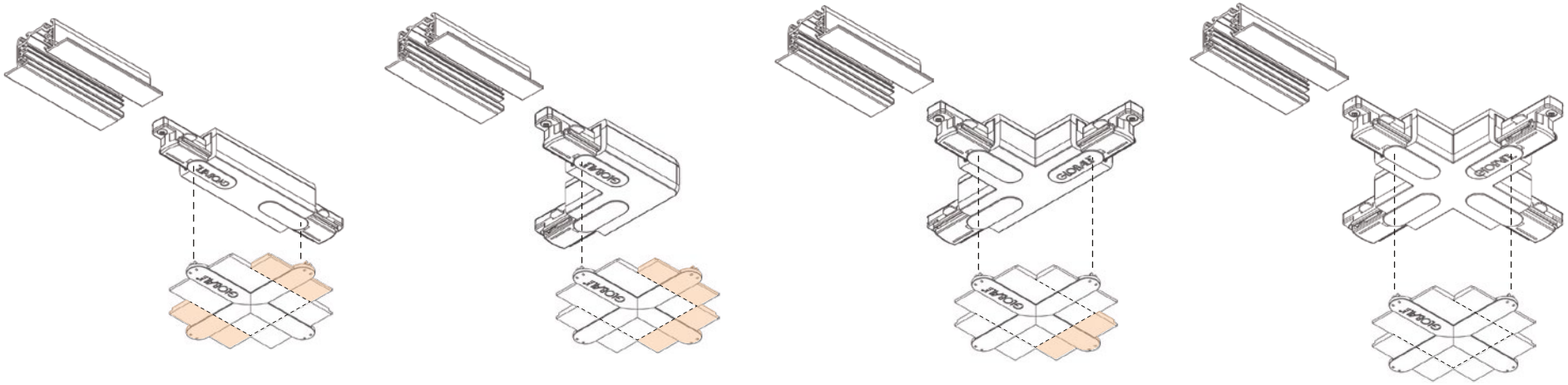
Compatible with:

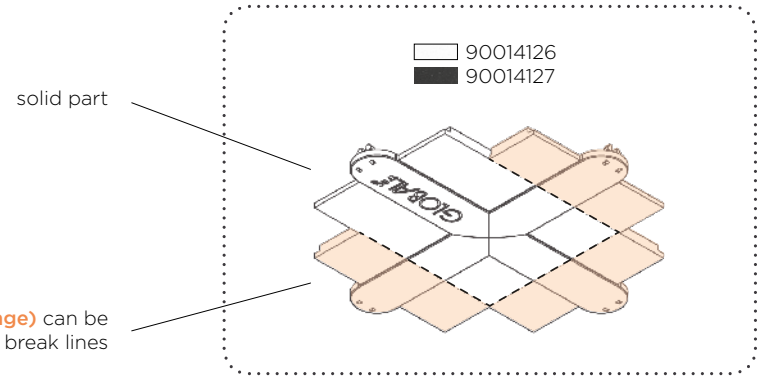
> **End** feed (both)



Good to *know*

RECESSED TRACKS - COVERPLATES





Compatible with:

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

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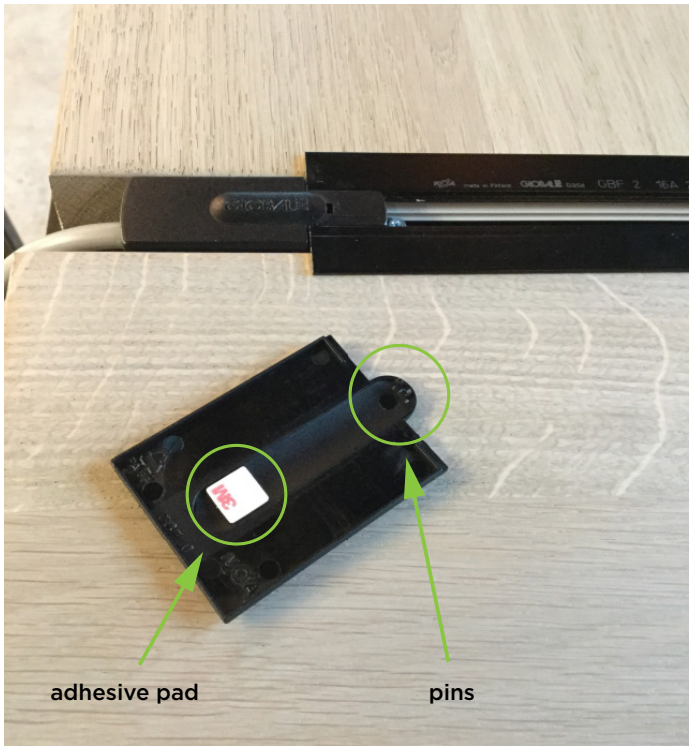
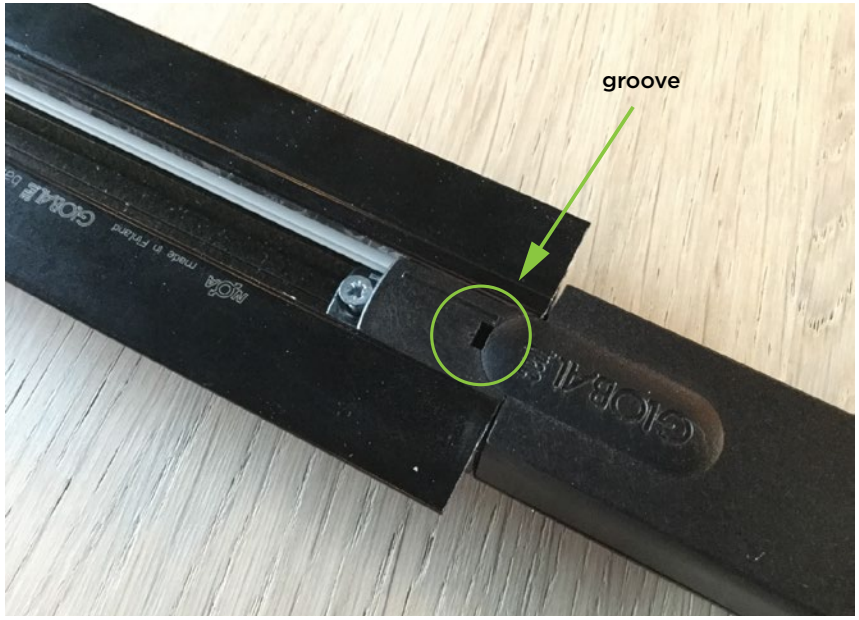
Good to *know*

RECESSED TRACKS - INSTALLATION



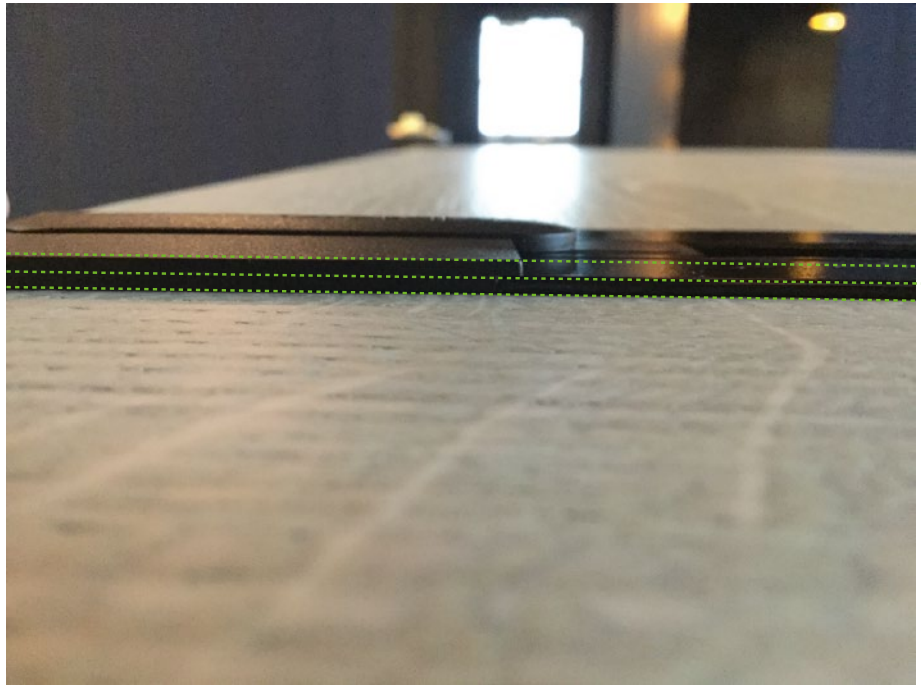
Installation - Coverplate:

In order to make the standard components as wide as the recessed tracks (for a nicer visual finish), coverplates need to be fixed to the components. Each coverplate is equipped with small **pins** which fit inside a small **groove** of the component. As you can see on the left picture below, each coverplate is also equipped with an **adhesive pad** for a better and secure fixation.



Good to *know*

RECESSED TRACKS - INSTALLATION



Good to know:

As the picture shows, the coverplate is positioned **on top of** the component / track and can be seen as an extra layer