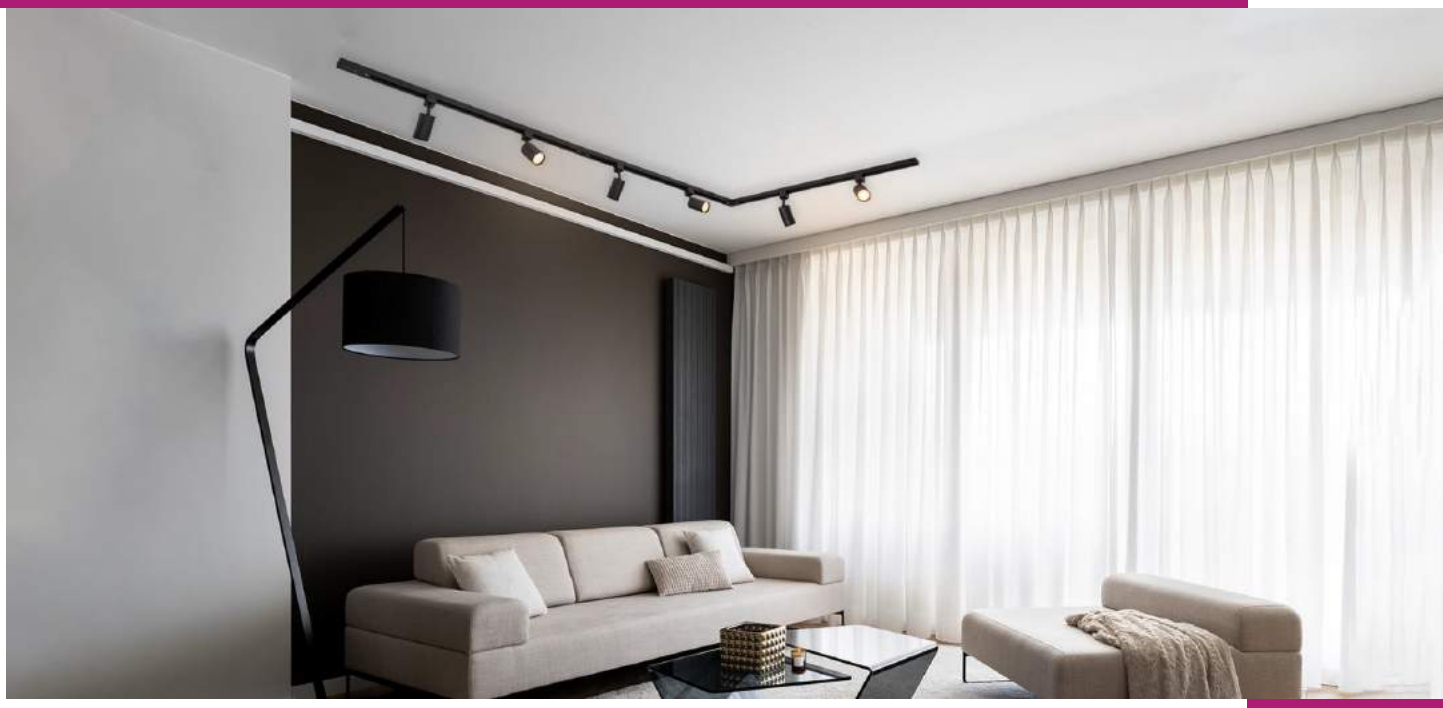
TRACK LIGHTING MANUAL



EN

lumenxl

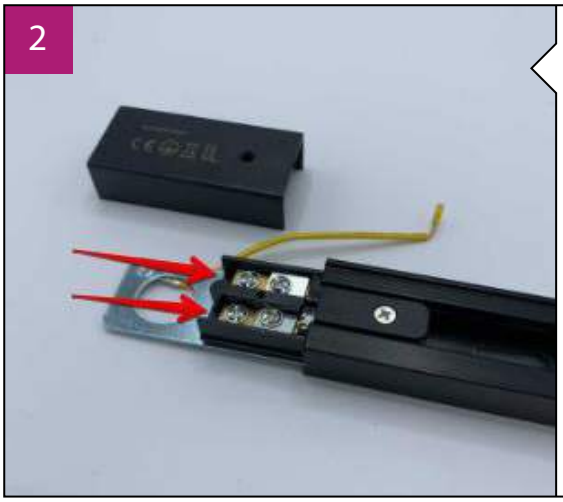
1. Connecting the track

1

Stap 1

Open the power supply cover
by unscrewing the screws.

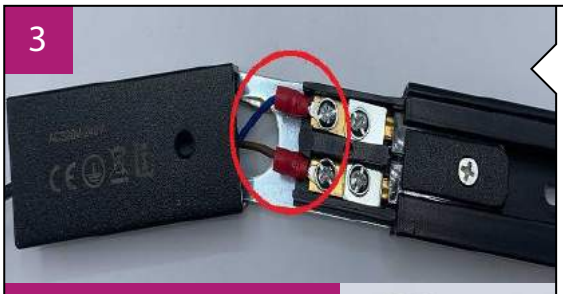
2



Stap 2

The connection points for the phase wire (brown) and the neutral wire (blue) become visible. Insert your wiring into the two connection points so that they make contact with the copper wires of the track. Tip: It is best to use ring cable shoes for this. These are included for free in your set.

3



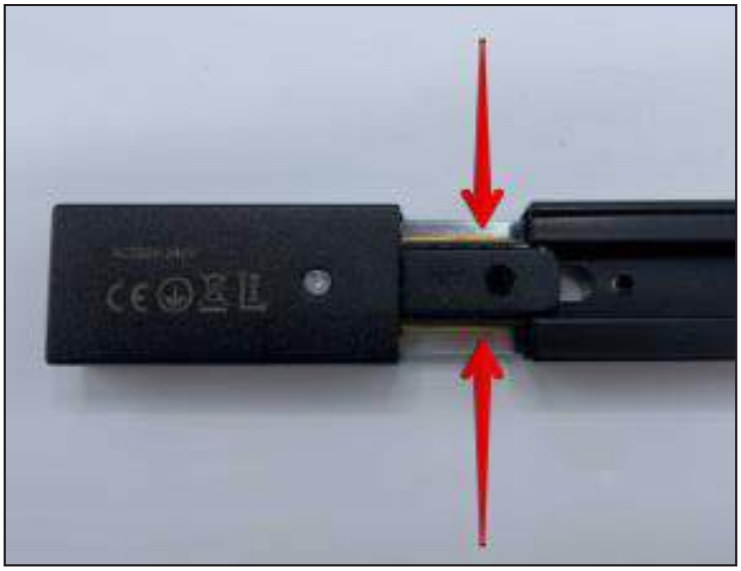
Tip
For step 2, use
a pair of crimping pliers.

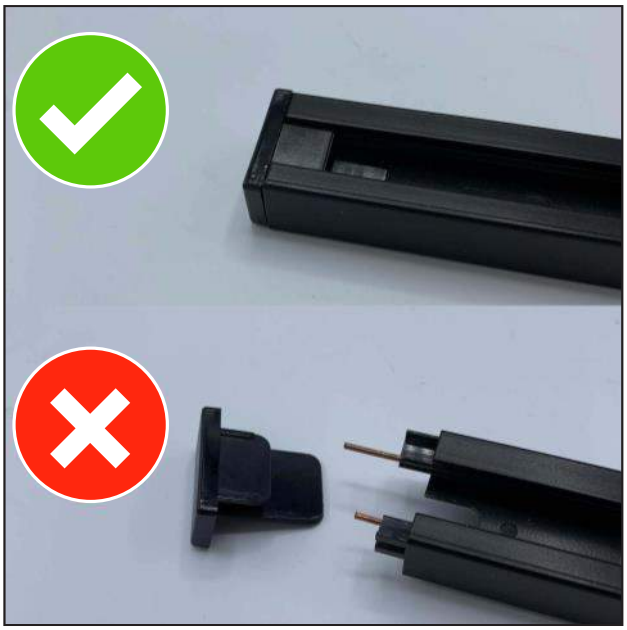
Stap 3

Close the fasteners and screw
the cover back on the power supply.

Extra information

Note: when removing the power supply from the track and then replacing it, always ensure that you keep the copper circuit boards pressed down. If not, the copper pieces will push against the copper conductors causing them to stick out the back.



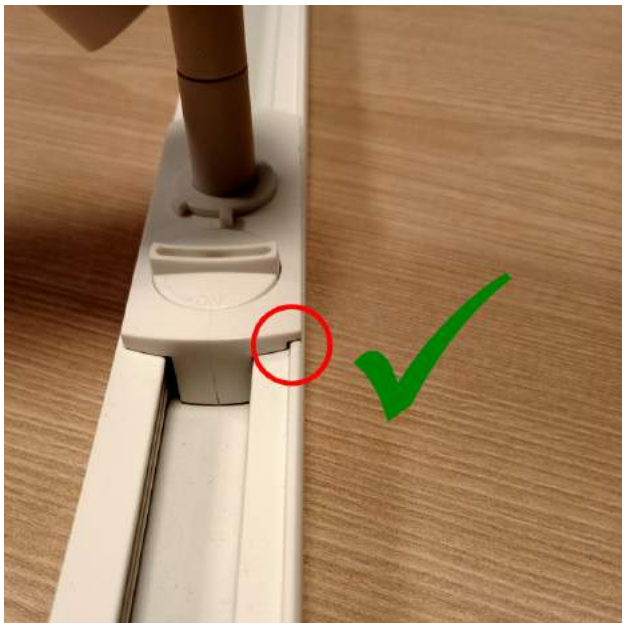


2. Connecting the spots to the track system

2.1 Track spots with a flat adapter and rotary knob

Track spots with the adapter below connect as follows. Make sure the rotary knob is vertical to the track when you want to fix the spot in the track.
This is shown below with the open lock icon. After inserting the spotlight into the track, you need to turn the knob a quarter turn so that the knob at right angles to the track. Now the spot is connected to the track.

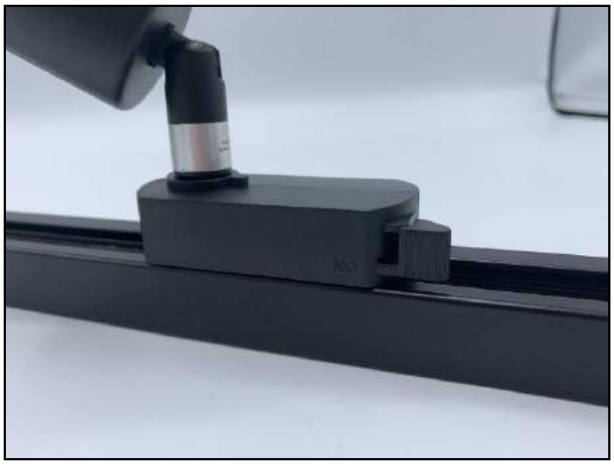
Please note that the adapter fits into the track only 1 way. This is due to a small raised edge on the side of the track. Below you can see the correct way of connecting the adapter. If the spot is not connected correctly, it will not not make contact with the track causing spots to not light up.



2. Connecting the spots to the track system

2.2 Track spots with a flat adapter and switch

Before inserting the spotlight into the track, make sure the switch is set to 'Off'. After, you can place the spotlight in the track and flip the switch to 'On'. This will clamp the spotlight into the track. The spotlights can be placed anywhere in the track and make contact automatically once they are fixed into the track.



2.3 Track spots with a square adapter

Pull the outer ring of the square adapter toward the spotlight and place the spotlight into the track with the copper terminals facing the track. Then turn the spotlight a quarter turn. The track spotlight now clicks into the rail. Release the outer ring.

3. Connecting the GU10 spot

Most track spots contain a GU10 socket. With most track spots, you first have to unscrew the outer ring before connecting the GU10 light source. Below is an explaination on how to place the GU10 spot in the Jill track spot.

1

2

Steps 1 & 2.
Loosen the outer ring counterclockwise.

3

Step 3
Connect the GU10 spot to the socket by turning it a quarter turn.

4

Step 4
Tighten the outer ring clockwise.

3. Connecting the GU10 spot

Please note that with some track spots, the ring you need to take off is on the inside of the spot. For example with track spot Juno.

1

2

Steps 1 & 2.
Loosen the inner ring counterclockwise.

3

Step 3
Connect the GU10 spot to the socket by turning it a quarter turn.

4

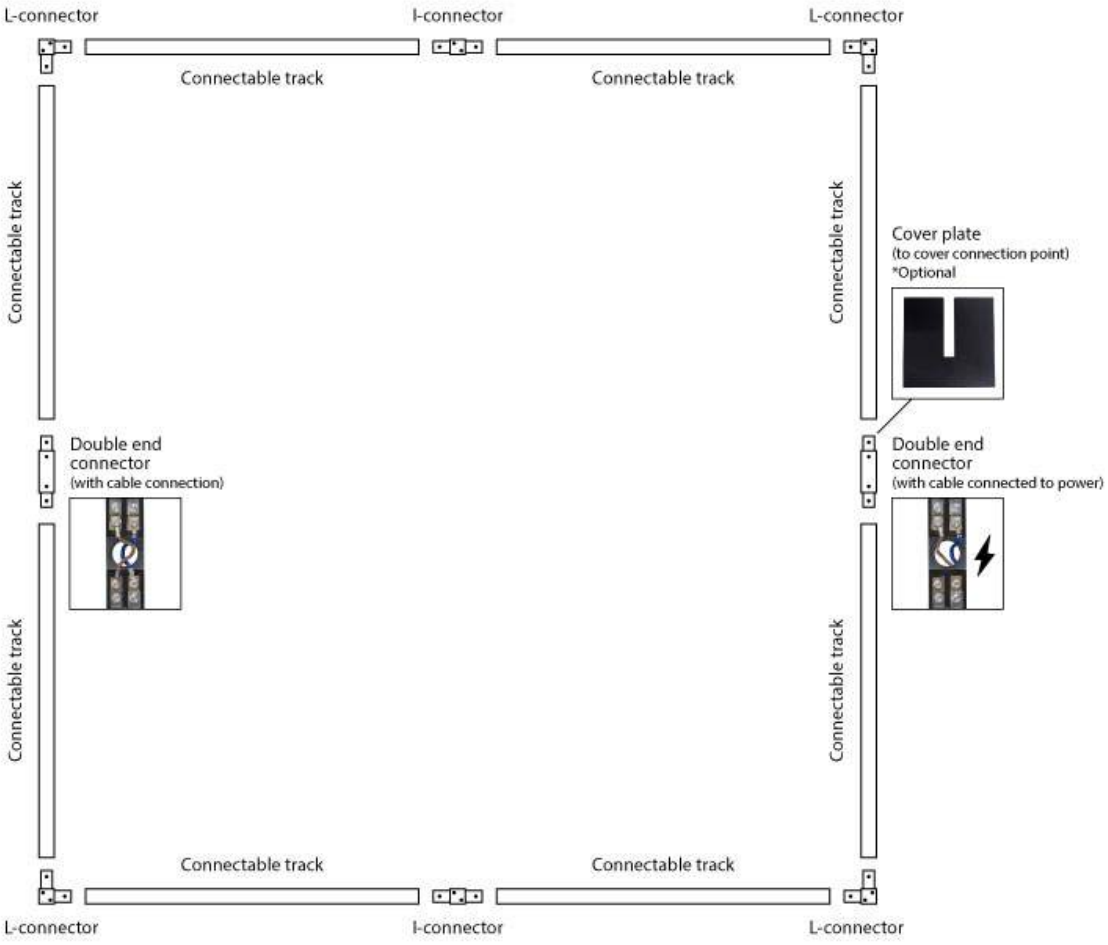
Step 4
Tighten the inner ring clockwise.

4. Making a square, rectangle or U-shape

Our track lighting is a modular system. You can connect the spotlights anywhere on the track. Through the many connectors you can create different shapes other than a straight line. Below we explain some common shapes.

4.1 Square

The image below shows a sketch of a square layout. On the right side, you can see a double-sided connector. This comes standard with a short blue and brown wire connecting the two sides. You need to take these off to prevent short circuits. The 220V wiring from the ceiling should connect to one side only. It doesn't matter which side it is. On the left connector you have to leave the short blue and brown wire to connect to the sides.



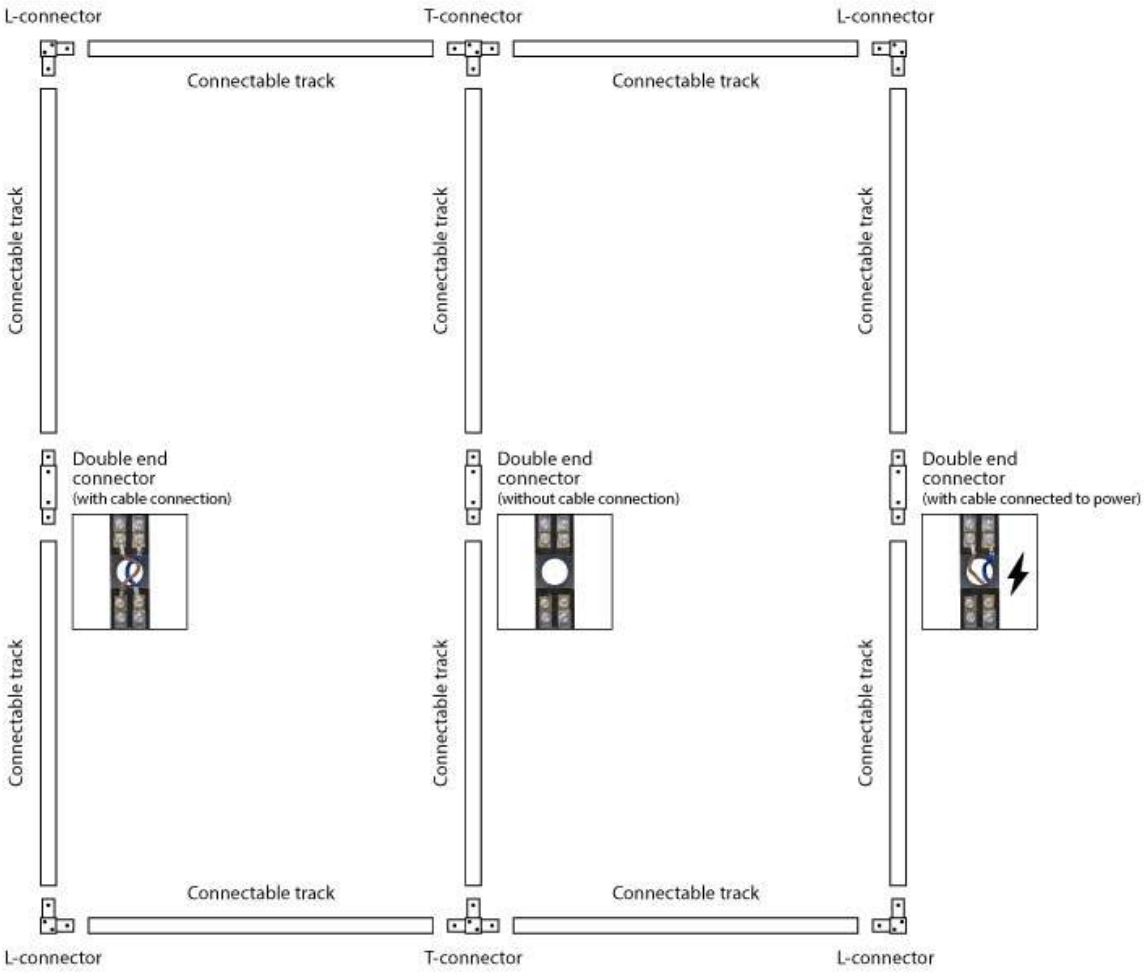
You can make the above layout bigger or smaller as you wish. For the square shape as shown above, you will need the following components:

8 x Track without terminal block and end cap
2 x Double-sided connector
4 x 90 degree angle L-connector
2 x Straight I-connector
Optional: square cover plate to cover the electrical outlet

4. Making a square, rectangle or U-shape

4.2 Rectangle

The image below shows a sketch of a (double) rectangle layout. On the right side, you can see a double-sided connector. This comes standard supplied with a short blue and brown wire connecting the two sides. You need to take these off to avoid short circuits. The 220V wiring from the ceiling should only be connected to one side. Which side that is doesn't matter. You also need to remove the short wires on the middle two-sided connector. On the left connector, you should leave the short blue and brown wire to connect the two sides.



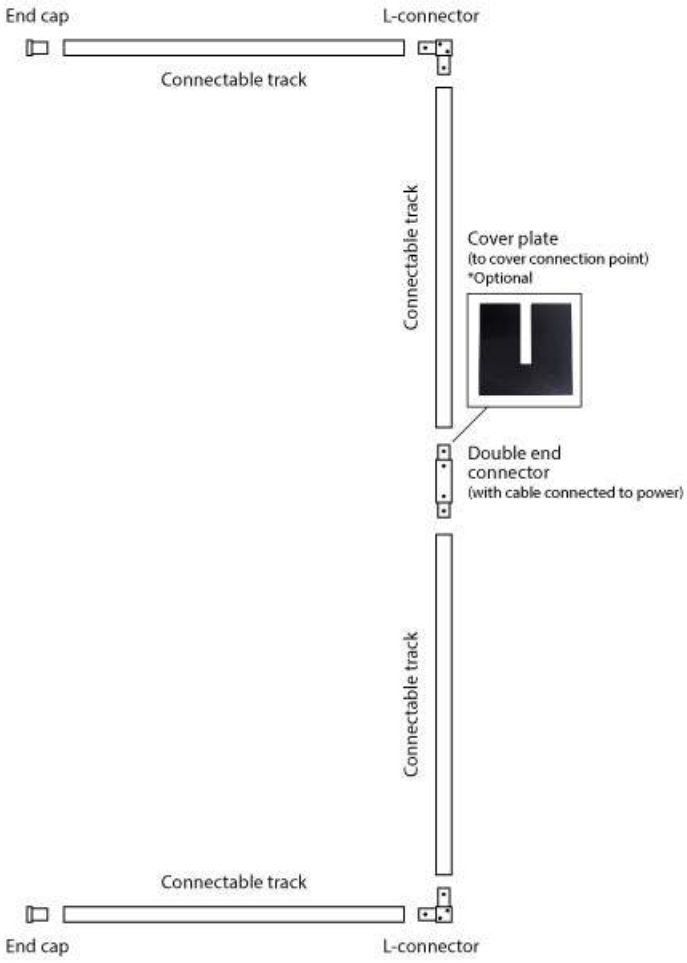
You can make the above layout bigger or smaller as you wish. For the shape as shown above, you will need the following components:

10 x Rail without terminal block and end cap
3 x Double-sided connector
4 x 90 degree L-angle connector
2 x T-connector
Optional: square cover plate to cover the electrical outlet

4. Making a square, rectangle or U-shape

4.3 U-shape

The image below shows a sketch of a U-shape layout. On the right side, you can see a double-sided connector. This comes standard with a short blue and brown wire connecting the two sides. In the setup as shown below, you should leave these wires on the connector. You only need to connect the 220V wiring from the ceiling to one side. Which side that is does not matter.



You can make the above layout bigger or smaller as you wish. For the shape as shown above, you will need the following components:

4 x Rail without terminal block and end cap
1 x Double-sided connector
2 x 90 degree angle L-connector
2 x End cap
Optional: square cover plate to cover the electrical outlet

5. Shortening the track

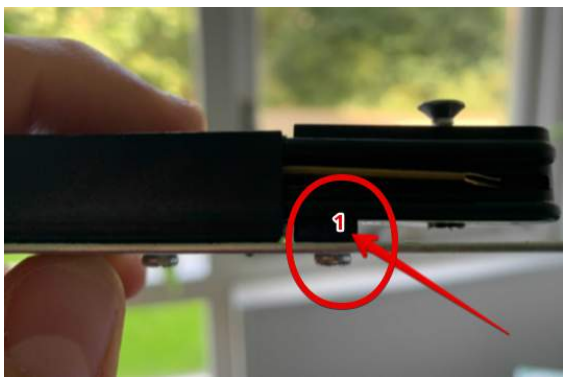
Shortening the track is very easy. You will need the following supplies:

- Miter box
- Miter saw (suitable for metal)
- Metal file
- Optional: electrical drill with metal drill 8 mm

Steps

1. Place the track in the miter box
2. Saw the track to the desired length with the miter saw
3. File off the edges of the track so that they are no longer sharp
4. Remove the end cap from the sawn-off section and replace it on the shortened track

Please note that on the end of the track there is a small U-shaped recess (number 2 in the photo) for the connectors. This is because on each connector there is a protruding pin for support (number 1 in the photo). When shortening the track, you cut off this U-shaped recess. Replacing the end cap is then no problem, but a connector will no longer fit. To make a connector fit, use an 8-mm metal drill to make the recess in the track again.



6. FAQ

1. How do I connect the two-sided terminal block to 220V?

The double-sided terminal block comes with 2 free ring cable lugs. To attach the 220V wiring to the terminal block more easily, attach the ring cable lugs to the 220V wiring from the ceiling. The terminal block contains a brown and blue wire connecting the 2 sides. Unscrew this on 1 side and connect the wiring from the ceiling to it. Through the connecting wires, both sides are now powered.

2. Can I use a single-sided terminal block if I do not connect it to 220V?

Yes, you can use the single-sided terminal block to terminate the track. If necessary, you can use a separate end cap for this. This can be ordered from our webshop.

3. What is the maximum length and wattage of the track?

We recommend making the track no longer than 15 metres with a total output or power of 1000W.