

# Rod Suspension

# **Installation Instructions**



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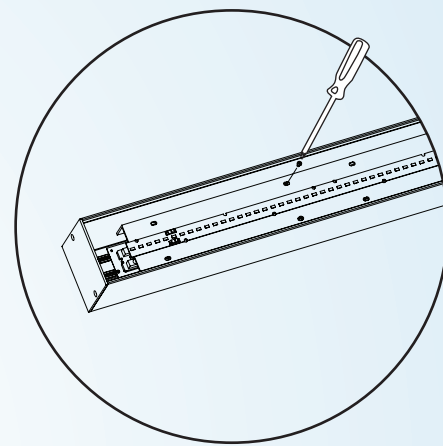
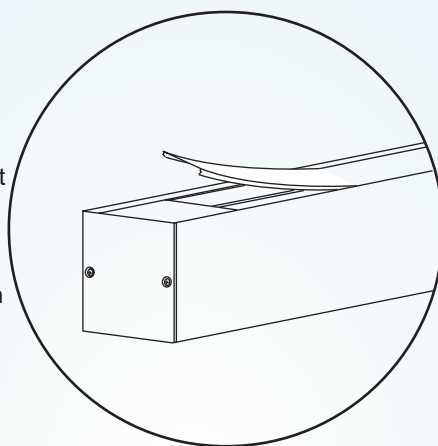
# Fixed Suspension Rods

## Step One

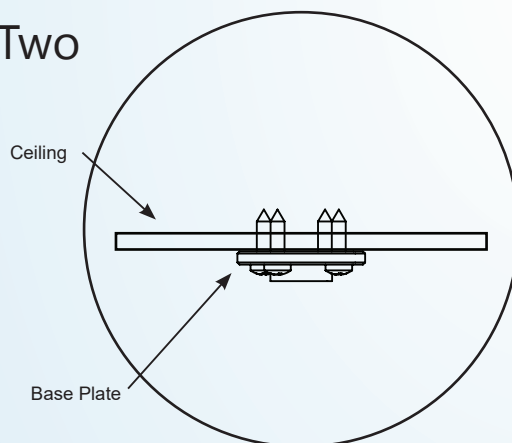
Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by Levering the end of diffuser by using a small flat head screwdriver.

Using a philips head screw driver locate and remove all four screw holding LED board tray in place to allow access underneath. If necessary disconnect white & black wires for full removal of tray.

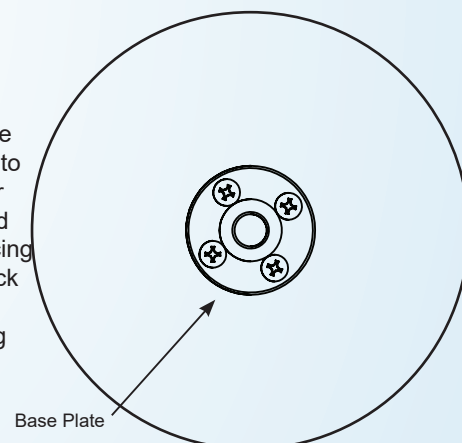
*Note. white cable positive  
black cable negative*



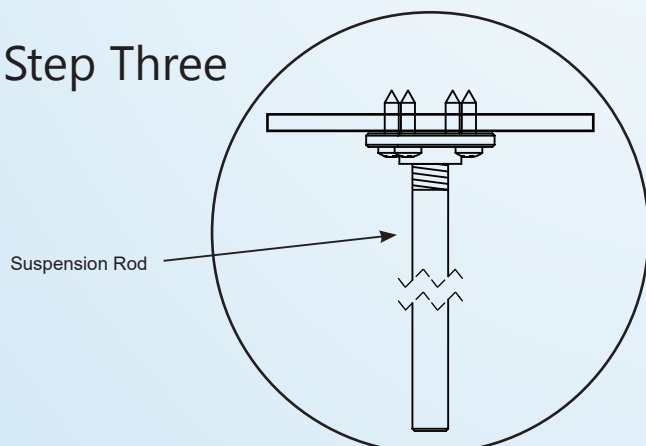
## Step Two



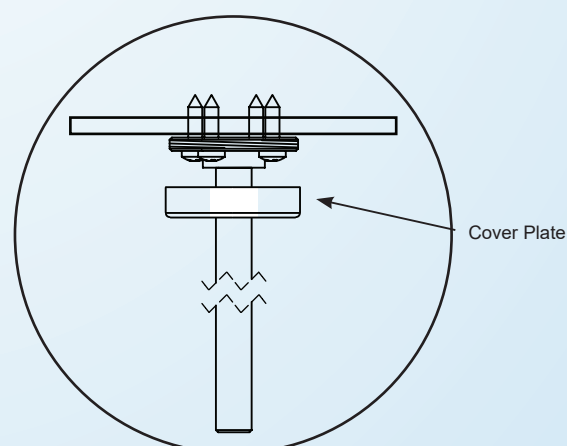
Fix four fasteners through the 6mm holes in base plate to the ceiling (It is up to the installer to decide the correct fastener for the material it is to be screwed into and the fitting weight placing tension on the fastener). Check location of pre-drilled holes in back of fitting before mounting plate to ceiling.



## Step Three

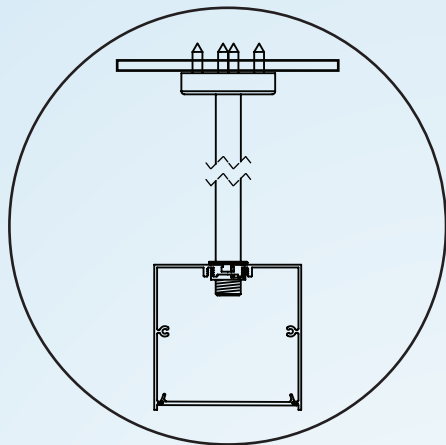


Screw rod into base plate until thread is hidden (Rod Length Max 4Mtrs).



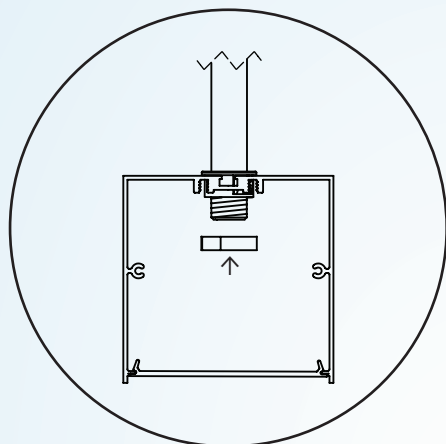
Screw base plate cover to base plate.

## Step Four



Push fitting up so that rods go through corresponding holes.

## Step Five

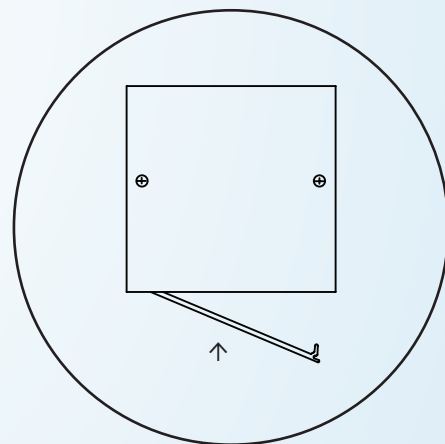
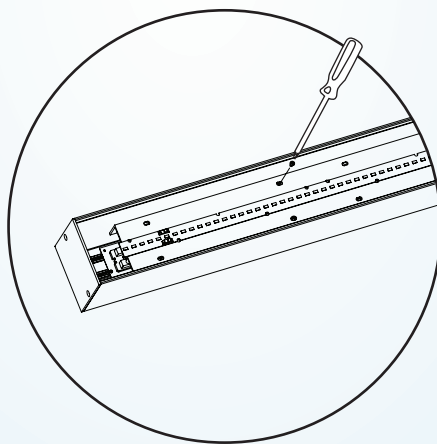


Once rod inside fitting, screw nut provided onto rod finger tight. Feed power cable down rod closest to terminal block to achieve hidden cable feed.

## Step Six

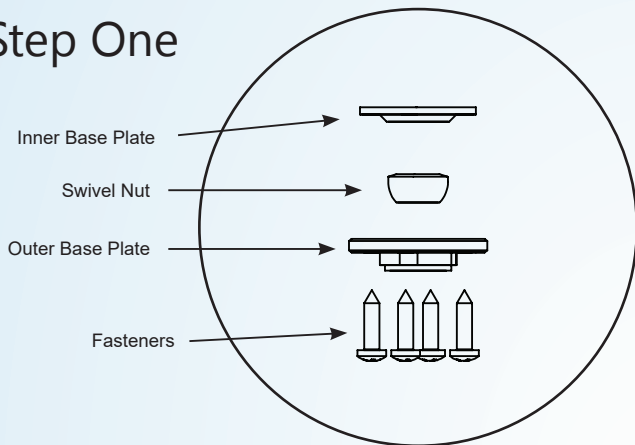
Re-install LED tray by screwing fasteners removed back into where removed from. Reconnect cable in correct place making sure not to mix positive and negative wiring (it will void LED boards if wired wrong) and clip diffuser back into place.

*Note. white cable positive  
black cable negative*



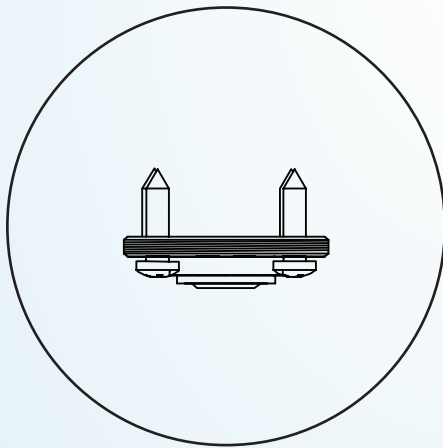
# Swivel Suspension Rods

## Step One



Mark out where the suspension rods need to be installed and put the base plate inner, swivel nut and outer base plate together. Please note direction that all three components are faced. The swivel nut will sit in between the inner and outer parts of the base plate.

## Step Two

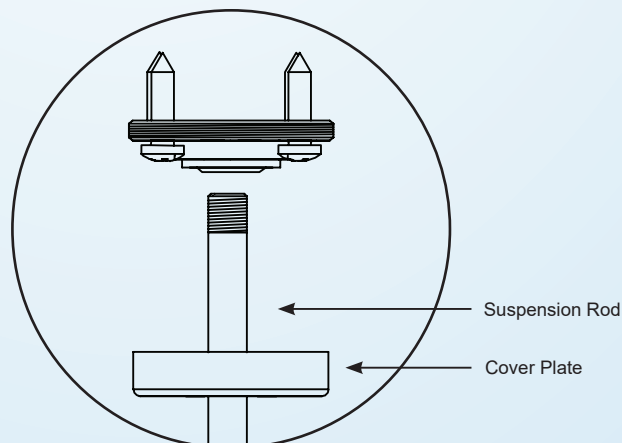


Once the inner base plate, outer base plate and swivel nut are together line up the holes of the inner and outer base plate parts. It is up to the installer to decide the correct fastener for the material it is to be screwed into and the fitting weight placing tension on the fastener. Do not completely tighten fasteners to allow swivel in

## Step Three

Before going any further make sure that the cover plate is around the rod.

Screw the rod into the swivel nut and then screw cover plate over the outer base plate.

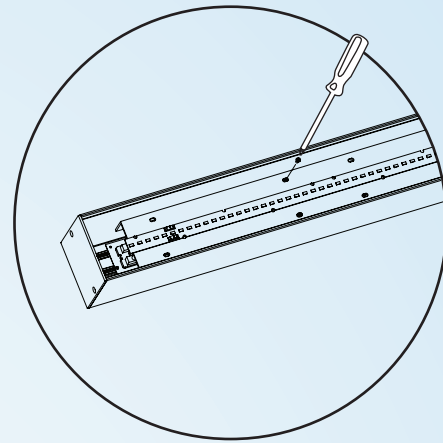
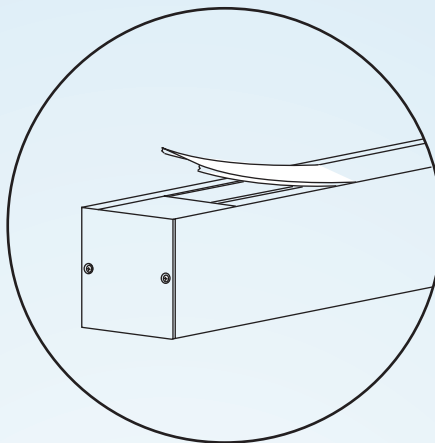


## Step Four

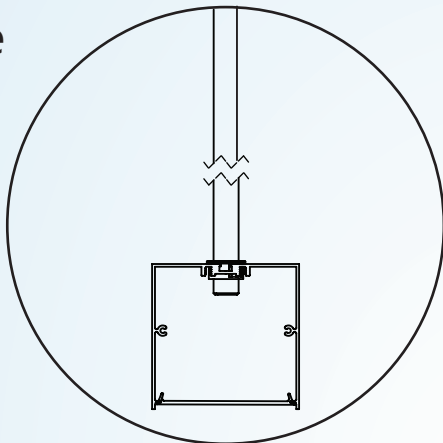
Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by Levering the end of diffuser by using a small flat head screwdriver.

Using a philips head screw driver locate and remove all four screw holding LED board tray in place to allow access underneath. If necessary disconnect white & black wires for full removal of tray.

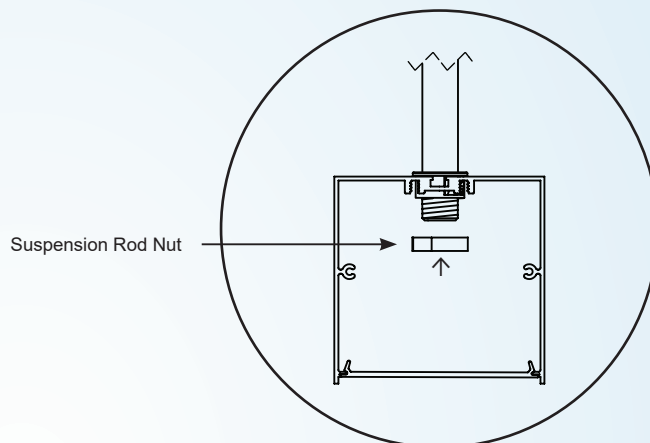
*Note. white cable positive  
black cable negative*



## Step Five

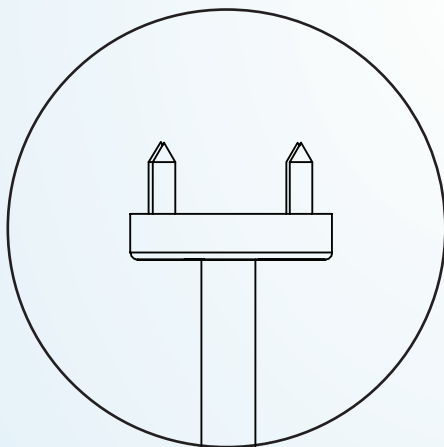


Push fitting up so that rods go through corresponding holes.



Once rod inside fitting, screw nut provided onto rod finger tight. Feed power cable down rod closest to terminal block to achieve hidden cable feed.

## Step Six



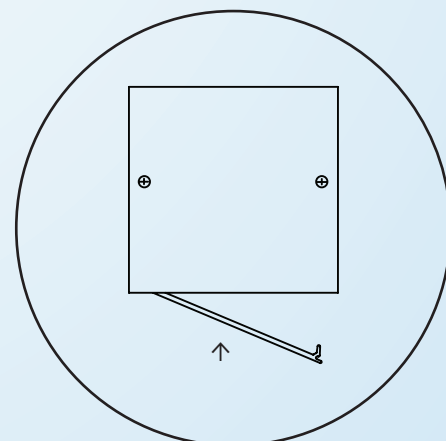
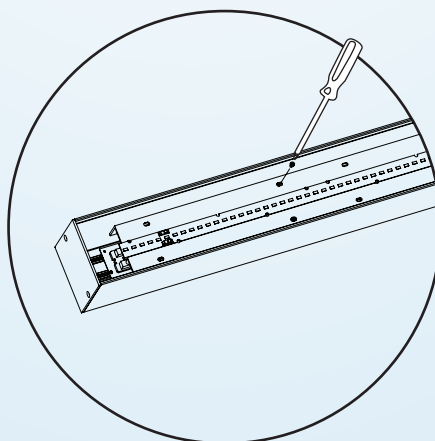
Once the rods are at the correct angle required tighten fasteners and screw cover plate to base plate outer.

**Note maximum swivel is 20 Degrees.**

## Step Seven

Re-install LED tray by screwing fasteners removed back into where removed from. Reconnect cable in correct place making sure not to mix positive and negative wiring (it will void LED boards if wired wrong) and clip diffuser back into place.

*Note. white cable positive  
black cable negative*

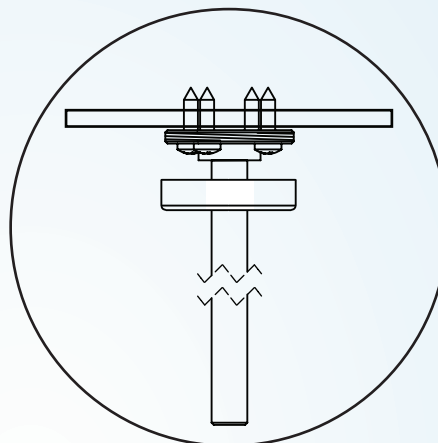


# Joist Rod Suspension

## Step One

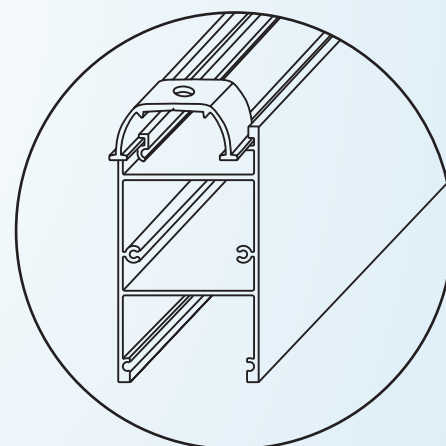
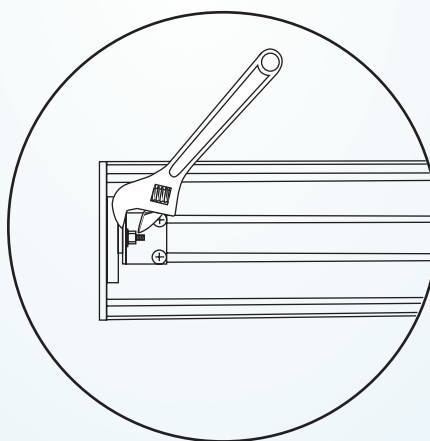
See steps 2 - 3 on Fixed Rod Suspension or steps 1 - 3 on Swivel Rod Suspension.

As these rods can be placed anywhere it is Hawko's recommendation that rods are placed one every two metres plus one. This is also worked out for how many rods you will receive.



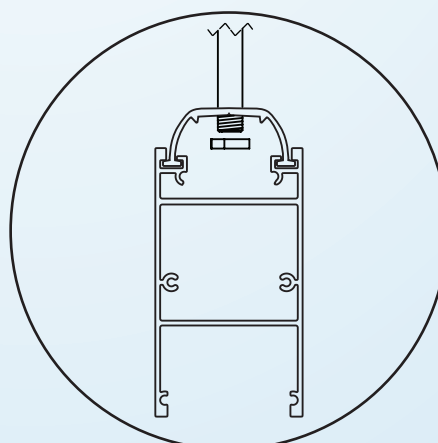
## Step Two

Remove end cap (see page 22) to slide the rod bracket along the fitting where required or if there is an open end for joining slide the bracket down the open end.



## Step Three

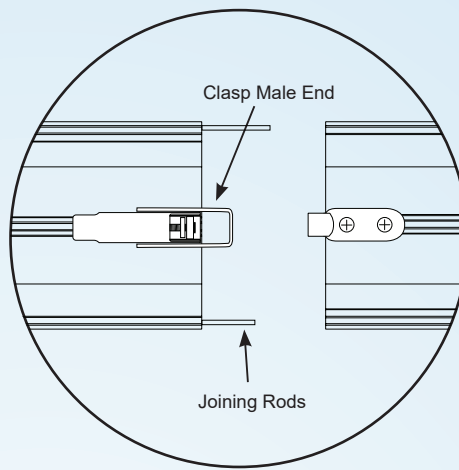
Once all brackets are in there location, push the fitting up so that the rod goes through the brackets and then screw the nut to the end of the rod. Repeat this until all rods are secure to the fitting and the fitting is self supported.





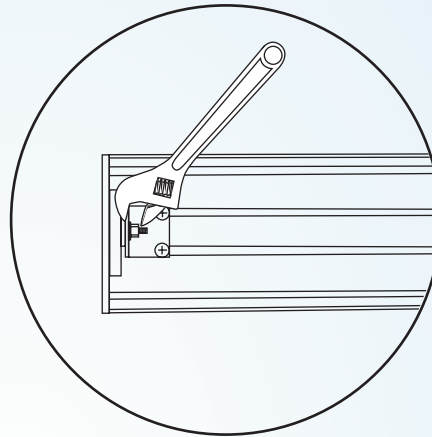
## Step Four

Join fitting if required  
(see joining method on page 11)



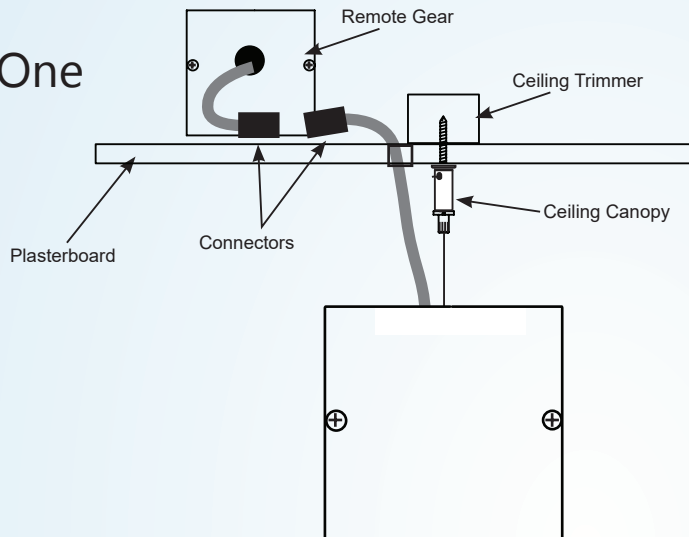
## Step Five

If end cap was removed place end cap back on to complete installation.



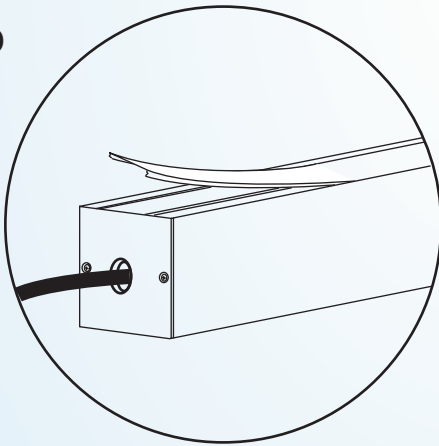
# Remote Gear

## Step One



Install fitting as required and place remote box inside wall or ceiling cavity. Plug EasConnect male and female connectors together to get power from remote box to fitting.

## Step Two

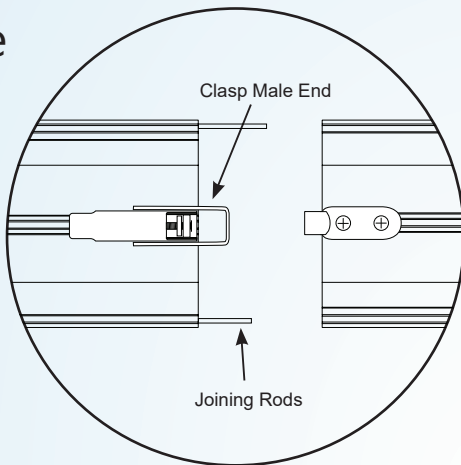


Remove diffuser by levering the end of diffuser with a small flat head screwdriver. Wire terminal block as per terminal wiring instructions (page 21).

Place one side of diffuser into place and push to clip other side into place.

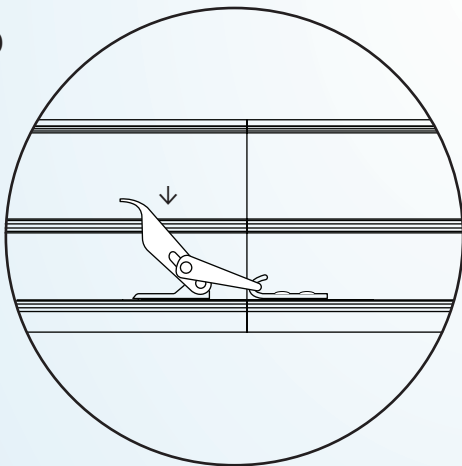
# Small Joining Clasp

## Step One



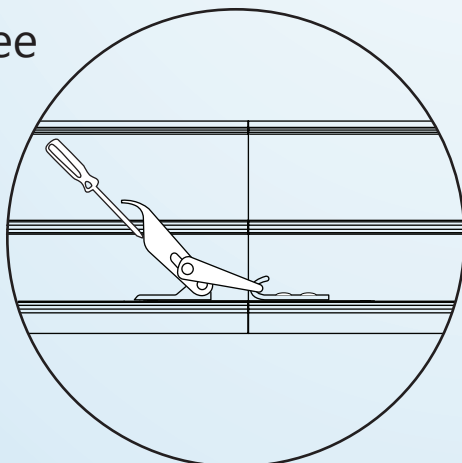
Remove diffuser or infill and LED tray to get access to joining clasp on the male end. Slide joining rods into their corresponding holes in extrusion.

## Step Two



Push down on clasp lever to lock into place.

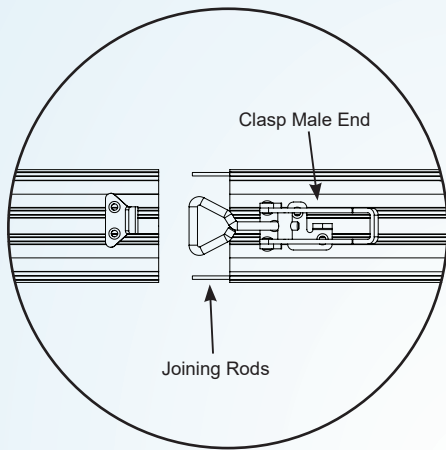
## Step Three



If there is a gap or too much tension and will not lock-in, get a small flat head screw driver and turn bolt clockwise or anti-clockwise depending if tightening or easing of tension is required.

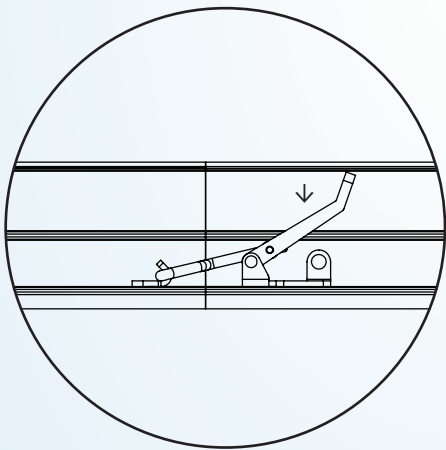
# Joining Clasp

## Step One



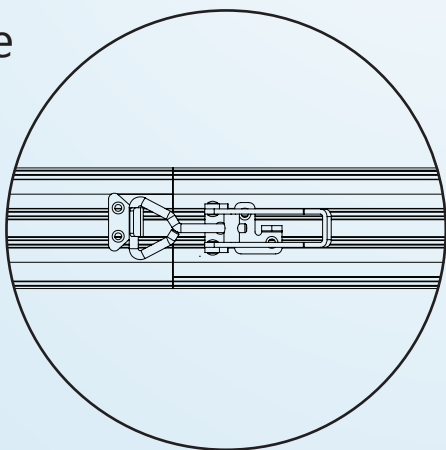
Remove diffuser or infill and LED tray to get access to joining clasp on the male end. Slide joining rods into their corresponding holes in extrusion.

## Step Two



Push down on clasp lever to lock into place.

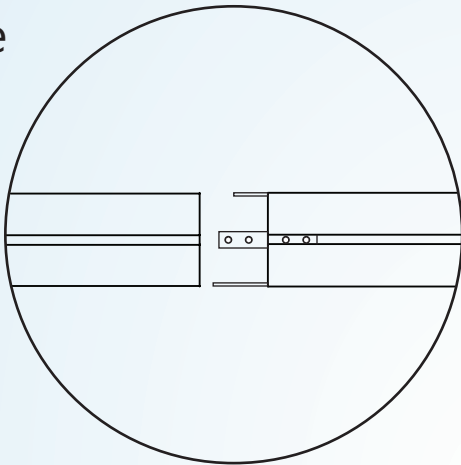
## Step Three



If there is a gap or too much tension and will not lock-in, turn triangle shape head of male end clockwise or anti-clockwise depending if pulling in or easing tension is required.

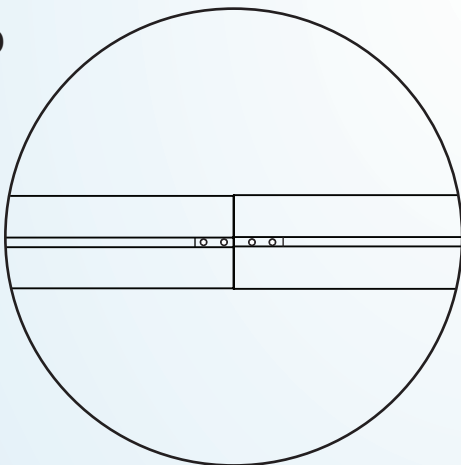
# Joining Plate In Back Channel

## Step One



Line up joining rods with the corresponding holes. whilst lineing joining rods line up joining plate at the back with corresponding channel and slide profiles lengths together.

## Step Two

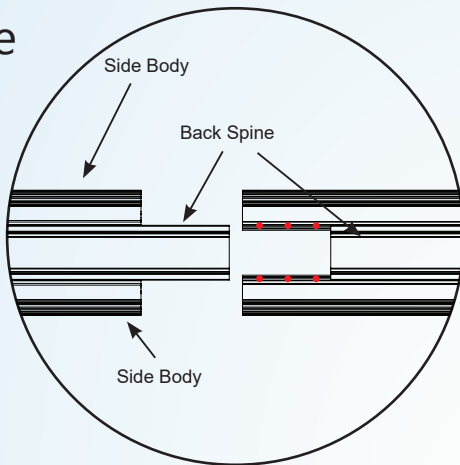


Lock profile lengths together by firmly butting profile lengths together tightening the two M4 grub screws with a allen key.

# Back Spine

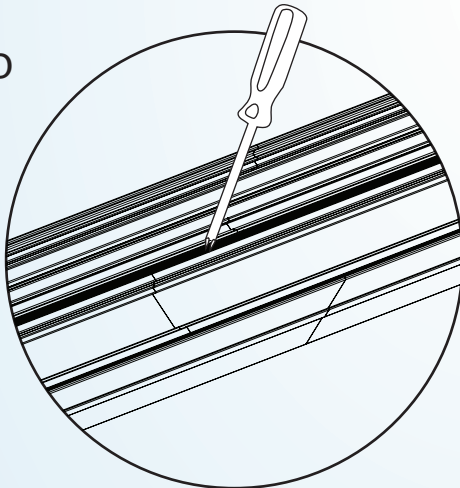
Currently available in our 70 Rectangle & 100 Rectangle only

## Step One



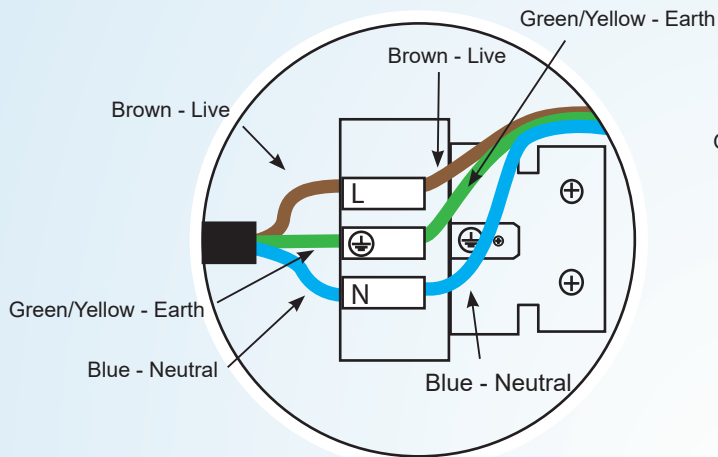
Remove the fasteners where side-body is not attached to back-spine. Slide extrusion together making sure side-body and back-spine is flush with each other and joining rods are in correct position.

## Step Two

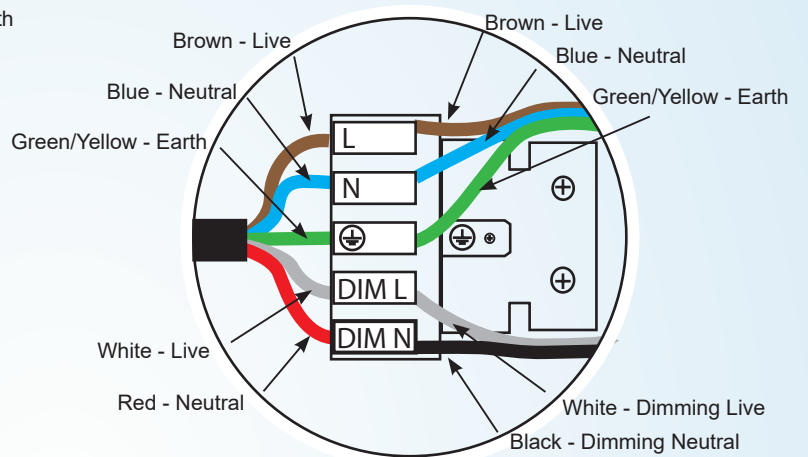


Tighten the fasteners that were removed back into where they were removed from to connect fitting joins together.

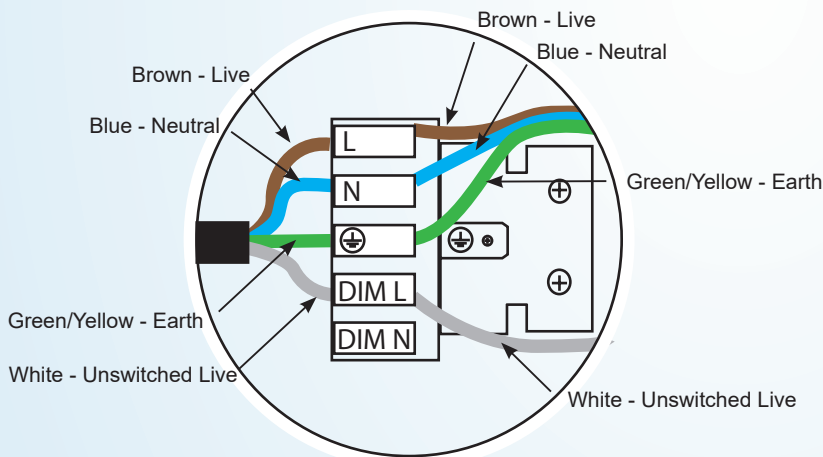
# Terminal Block



Non Dim



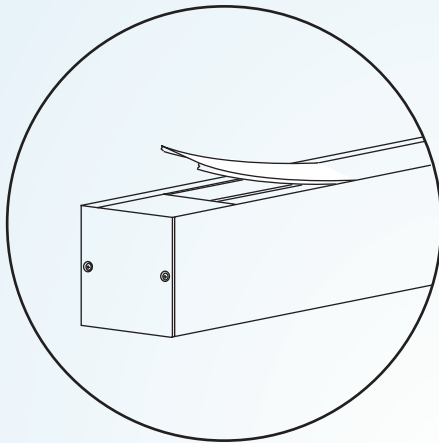
Dimmable



Non Dim - Unswitched Live

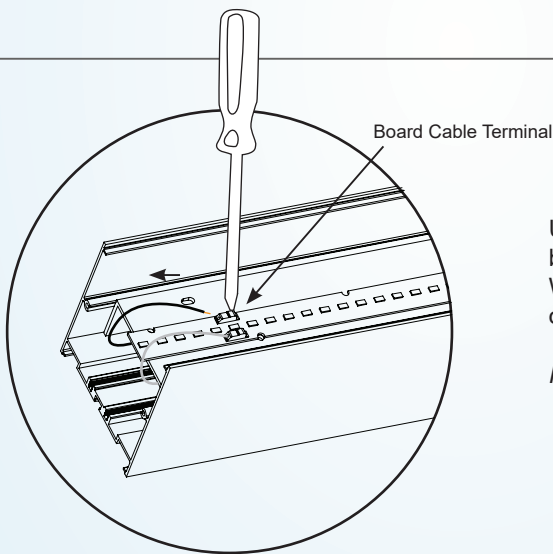
# Remove LED Tray (Aluminium Block)

## Step One



Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using a small flat head screwdriver.

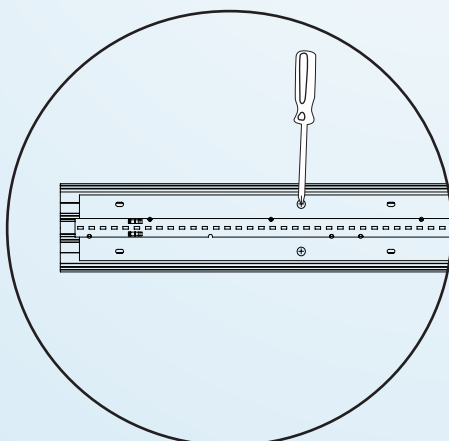
## Step Two



Using a small screw driver push down on the LED board cable terminals tab keeping the cables in. When pressure is applied to the tabs pull cables out to release cable.

*Note. white cable positive  
black cable negative*

## Step Three



Remove the four philips head screws to remove LED board tray and gain access underneath LED tray.

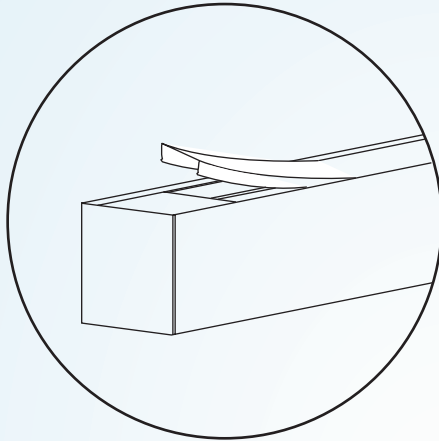
Remember where removed fasteners from place new tray in place and screw the fasteners removed back into location removed from. Push cables into LED board tabs making sure positive and negative are in correct place and push clip into place. Place one side of diffuser into place and push to clip other side into place.

*Note. white cable positive  
black cable negative*

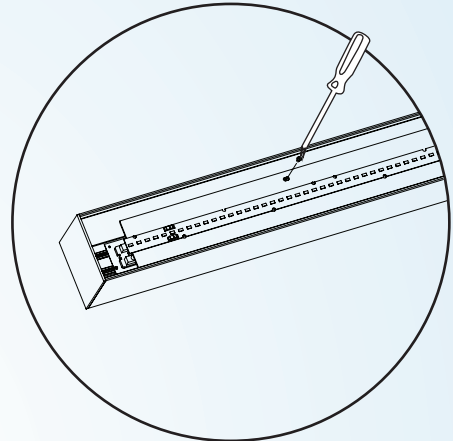


# Remove LED Tray (Hinged)

## Step One

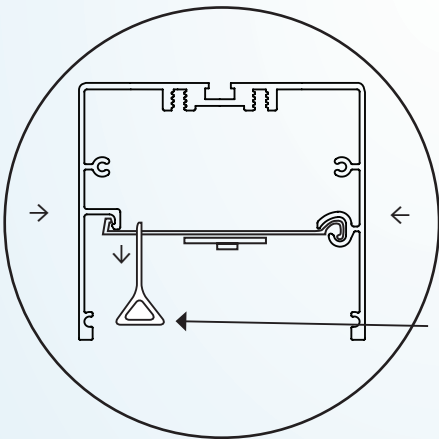


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using small flat head screwdriver.

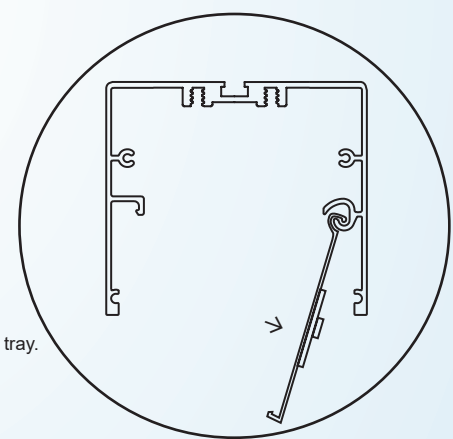


Unscrew Fasteners located in the one side of tray (fasteners spacings and amount will change depending on tray size).

## Step Two



Squeeze sides of profile to release clipped in side of tray from wall of profile (the side that had screws removed).



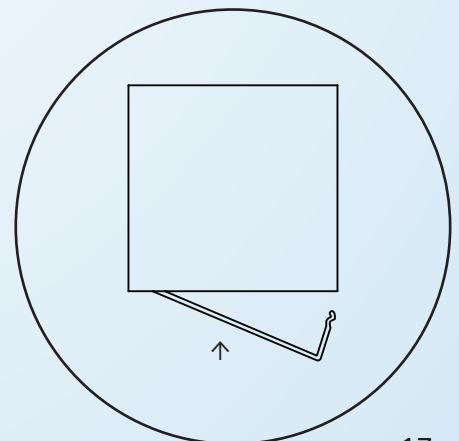
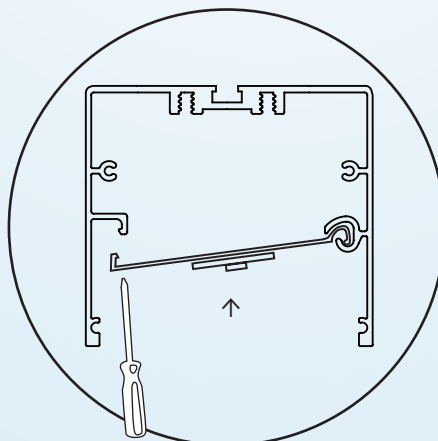
Use paint tin opener supplied to lever tray loose at either end of tray.

Once side of tray is released from profile the tray is able to hang without assistance by hinge design.

## Step Three

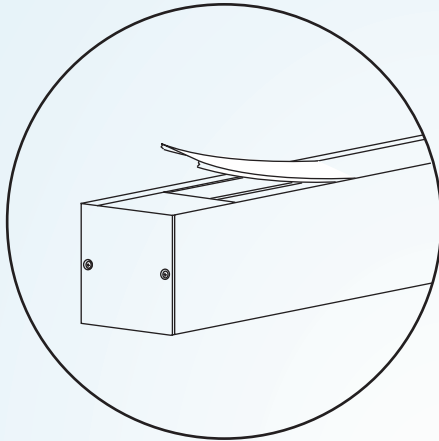
Push tray back into place by applying pressure to trays clip in system in the side of profile. Once clipped-in screw fasteners taken out back into holes where came from.

Once tray is installed correctly place one side of diffuser into place and push to clip other side in.

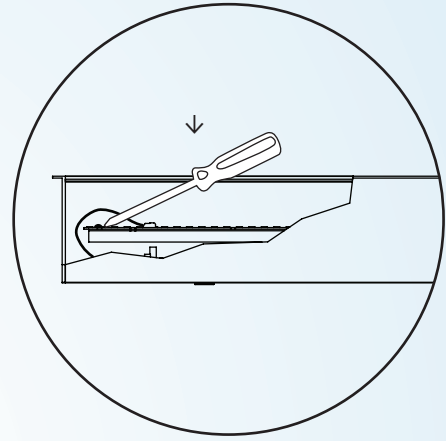


# Replace LED Board

## Step One

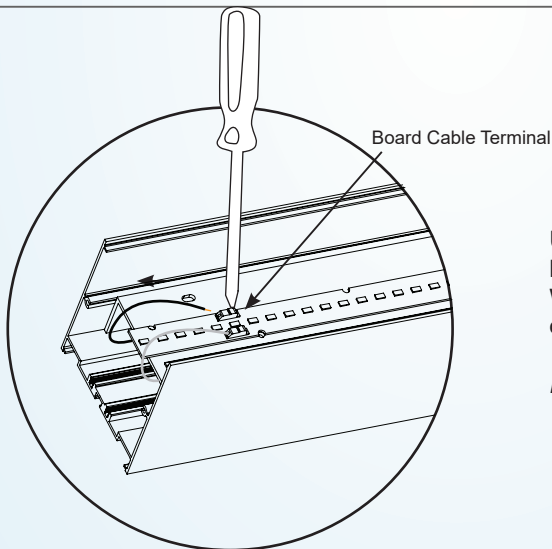


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using a small flat head screwdriver.



Get a flat head screw driver and lever the button head fastener out. Once center pins are removed lever board/s from tray.

## Step Two



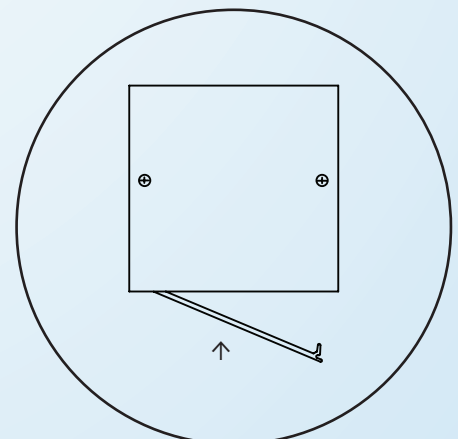
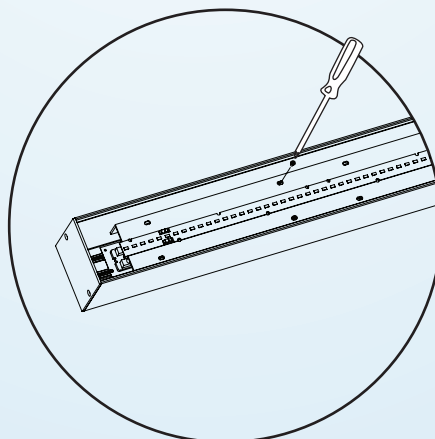
Using a small screw driver push down on the LED board cable terminals tab keeping the cables in. When pressure is applied to the tabs pull cables out to release cable.

*Note. white cable positive  
black cable negative*

## Step Three

Push the button head fasteners back in where removed from. Reconnect cable in correct place making sure not to mix positive and negative wiring (it will void LED boards if wired wrong) and place one side of diffuser into place and push to clip other side into place.

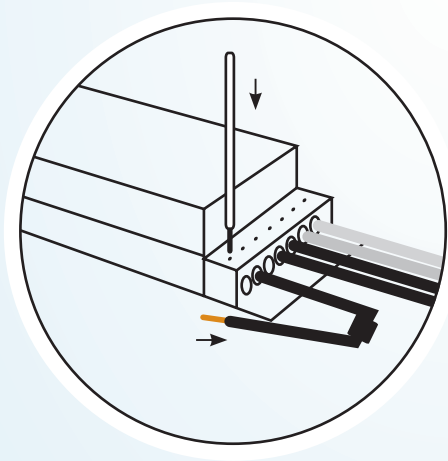
*Note. white cable positive  
black cable negative*



# Replace Resistor

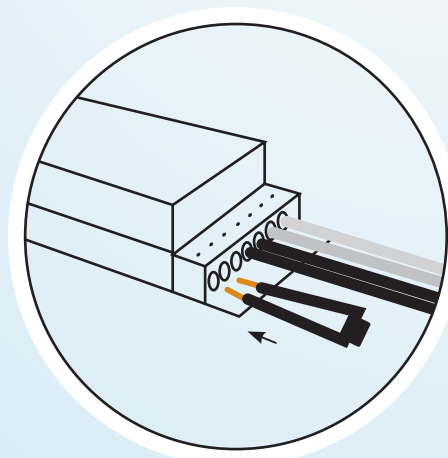


## Step One



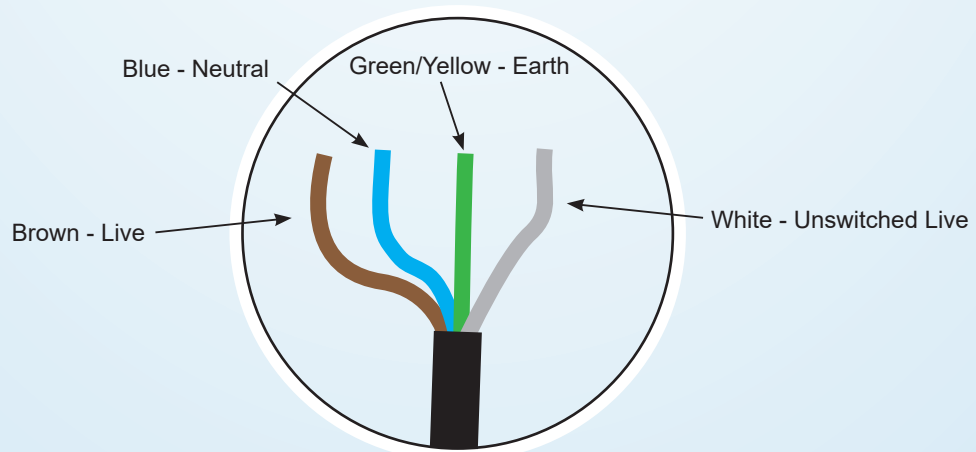
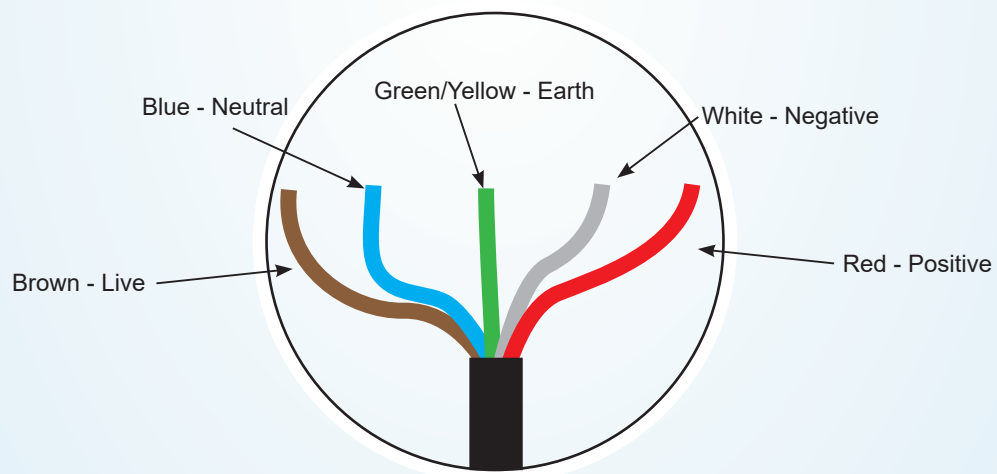
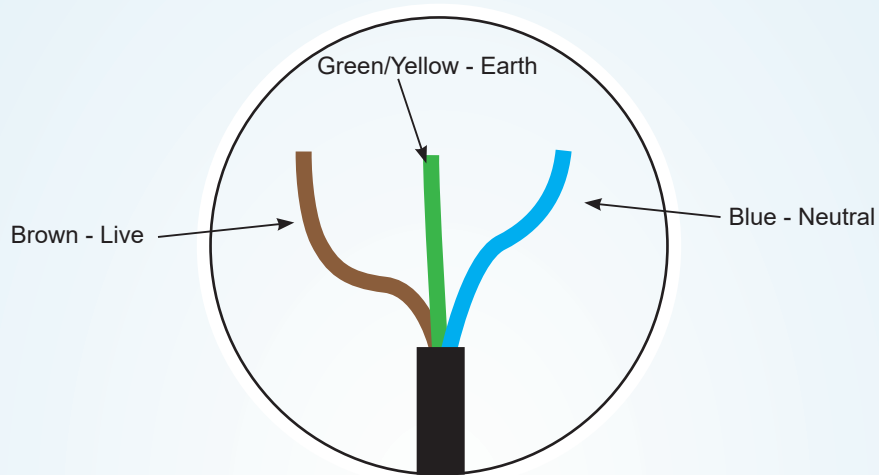
Using a small pointed object to push down into hole which lines up with the resistor legs. At the same time as push down to release clamp. Pull the corresponding resistor leg to remove from driver.

## Step Two



Push both legs of new resistor in the holes where the old resistor came from. Putting the resistor legs in either hole will not affect resistor.

# Flex Wiring

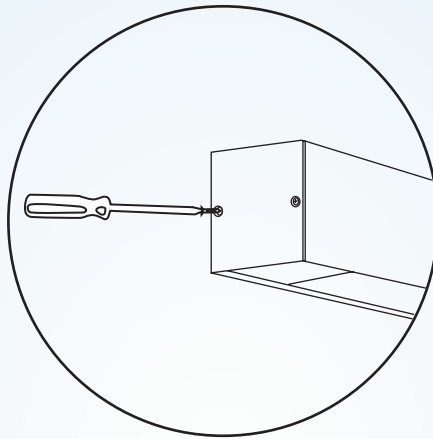


# Removing End-caps

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## IP Rated End-cap

Use a phillips-head screw driver to remove end-cap.



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## Screwless End-cap

Use a 7mm shifter to remove nut. Once nut is removed end-cap will release from extrusion.

Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using paint Tin Opener.

When finished place one side of diffuser into place and push to clip other side into place.

