

# Surface Mounted **Installation Instructions**

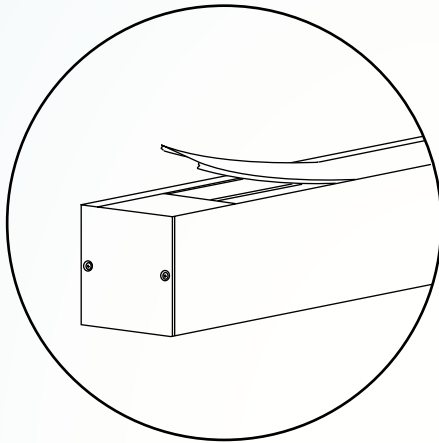


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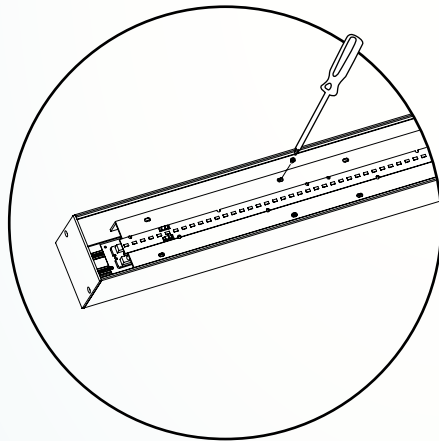
# Surface Mount Ceiling

## 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.

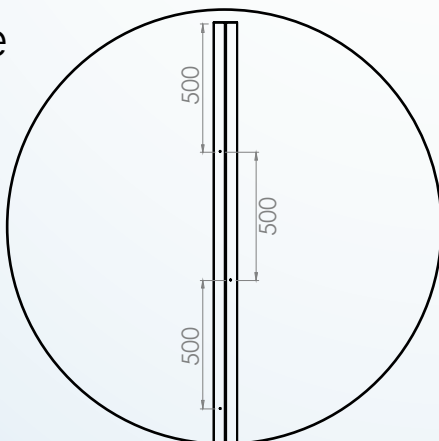
## Step Two



Using a Philip head screw driver locate and remove all four screw holding 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 Three

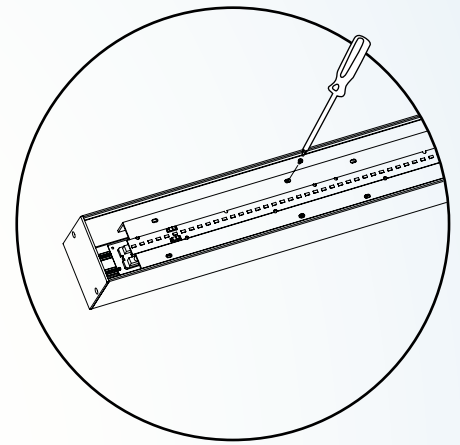
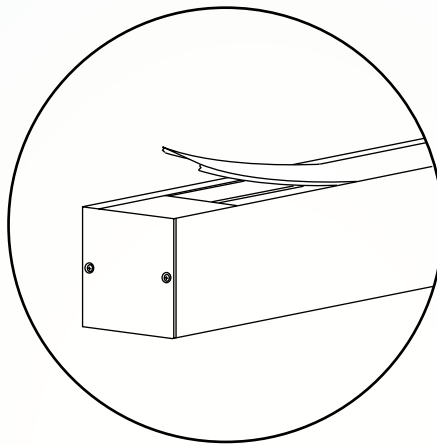


Drill fasteners through the 4.5mm holes provided approximately every 500mm apart. If no 'pre-drilled' holes specified we recommend using fasteners every 500mm when mounting to ceiling or wall.

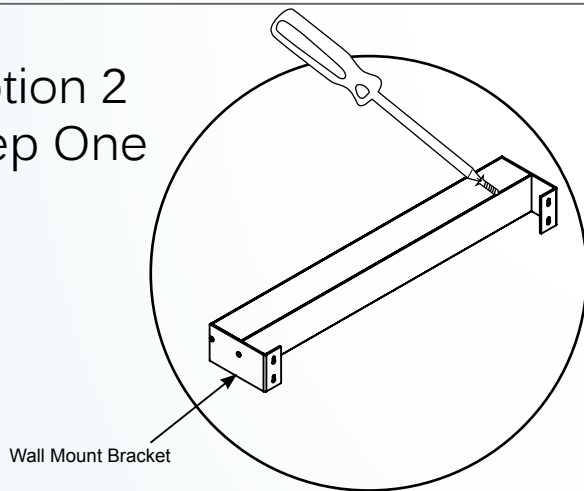
# Surface Mount Wall

## Option 1

Repeat Step 1 & 2 from 'Surface Mount Ceiling' Installation method if screwing through side body. Step three will required screwing through side body of extrusion into wall with same fastener spacing as specified in 'Surface Mount Ceiling' method.

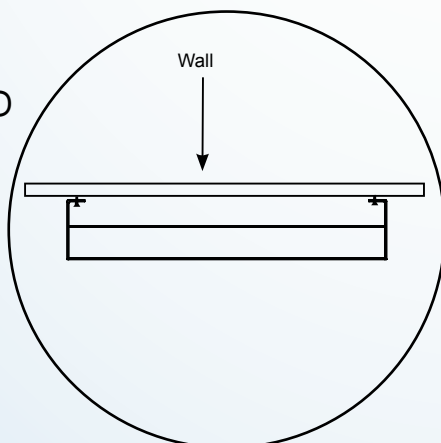


## Option 2 Step One



Hold fitting up to where it is required, mark through holes in bracket where fasteners need to be. Screw fastener into wall leaving 5mm of thread out of wall to allow bracket to slide on using the keyhole method. Fastener can be no thicker than 3.5mm.

## Option 2 Step Two

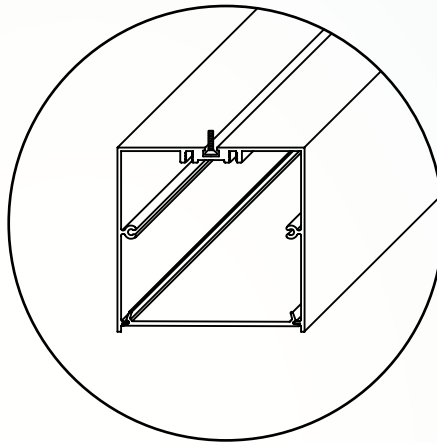


Using the keyhole mounting feature hook brackets onto fasteners in wall. Once fitting is locked into place use a small screw driver to tighten fasteners.

# Flush Wall Mount

## Step One

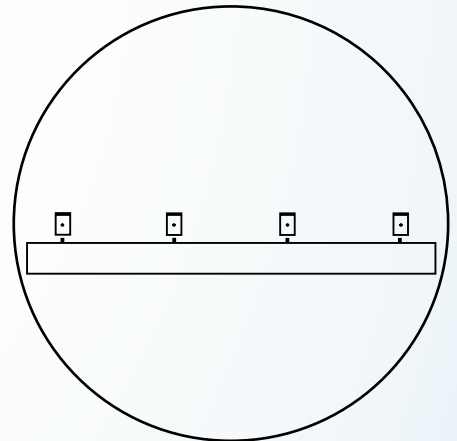
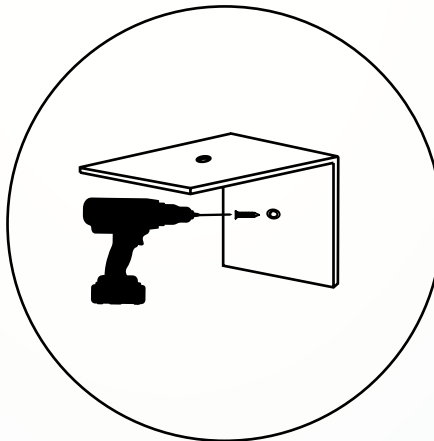
The fitting will come with bolts in back channel unless an open end for joining is needed. When sliding bolts down the back channel make note one bolt every 2 metres plus one will be supplied.



## Step Two

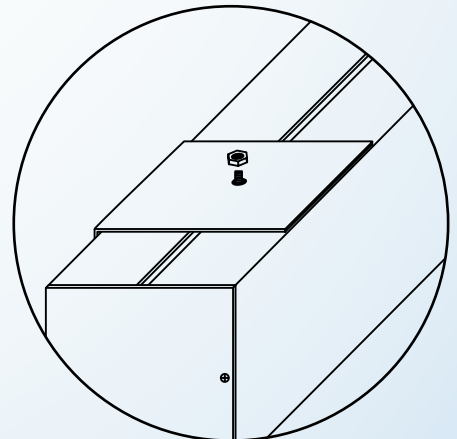
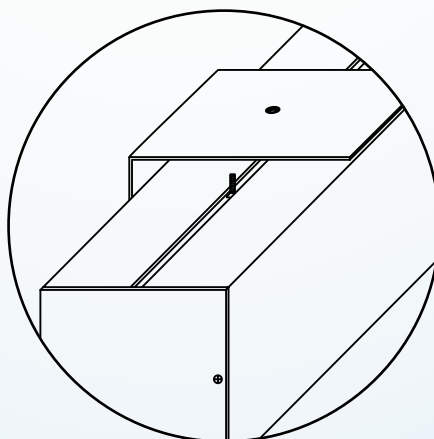
Use a counter-sunk fastener to mount brackets to wall. Space brackets one every two metres plus one (or nearest to) to make sure weight distribution on the brackets is correct.

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.



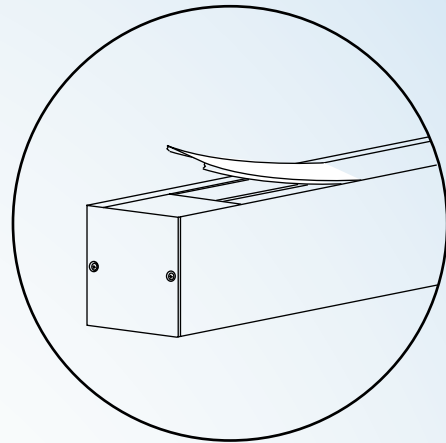
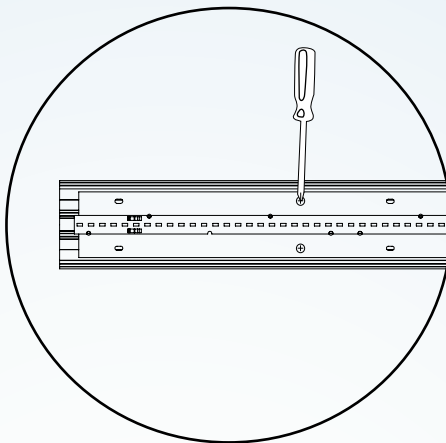
## Step Three

Push the fitting up making sure to line up the bolt with the hole in the bracket. Start tightening off the brackets with the nut supplied until the fitting is being held completely by the brackets.



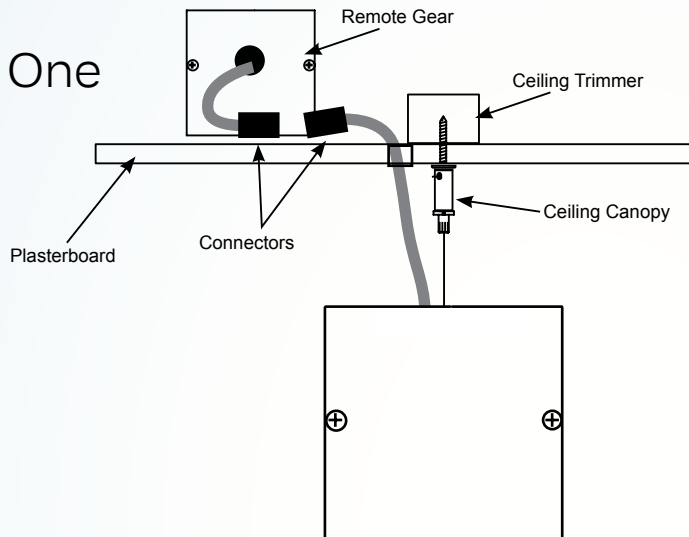
## Step Four

Join fitting sections where required (see page 9)  
Put any LED tray and diffuser that was removed back in its correct location to complete installation.



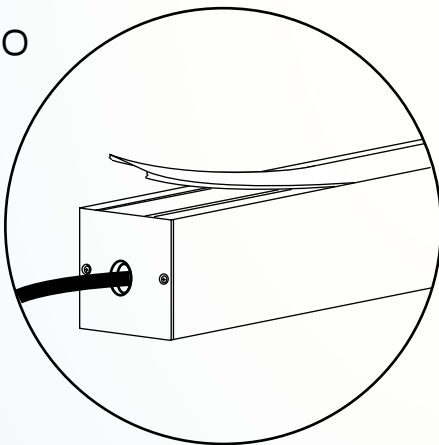
# Remote Gear

## 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



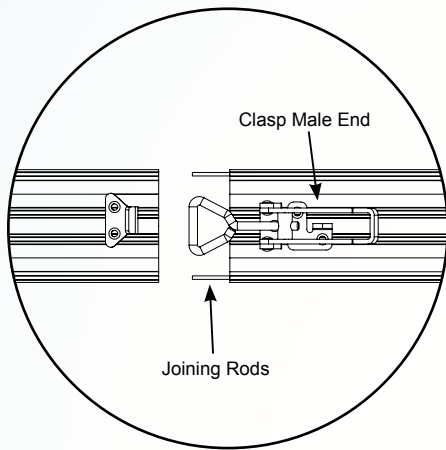
Remove diffuser by levering the end of diffuser with a small flat head screwdriver. Wire terminal block as per terminal wiring instructions (page 21).

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



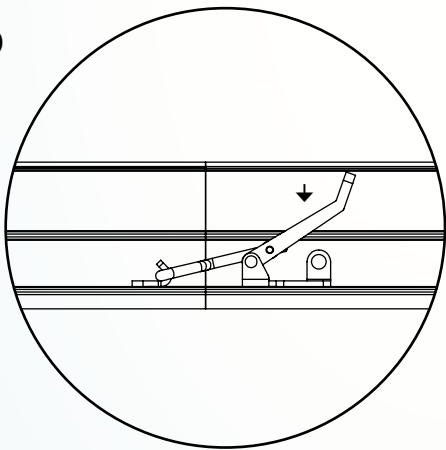
# Joining Clasp

## Step One



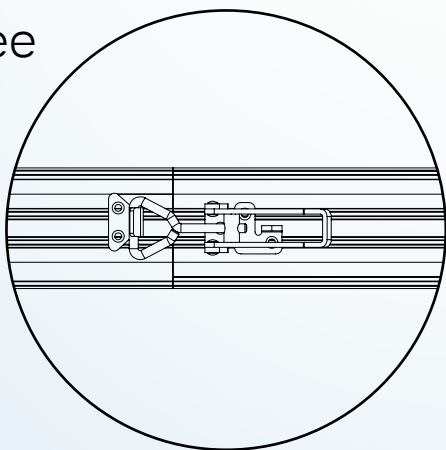
Remove diffuser or infill and LED tray to get access to joining clasp on the male end. Slide joining rods into their corresponding holes in extrusion.

## Step Two



Push down on clasp lever to lock into place.

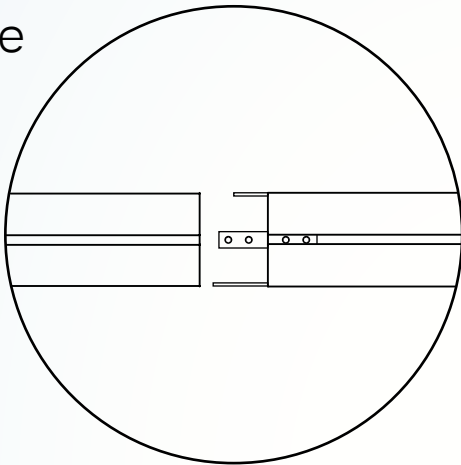
## Step Three



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.

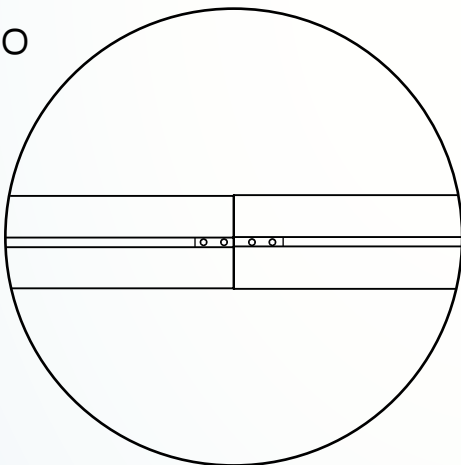
# Joining Plate In Back Channel

## 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

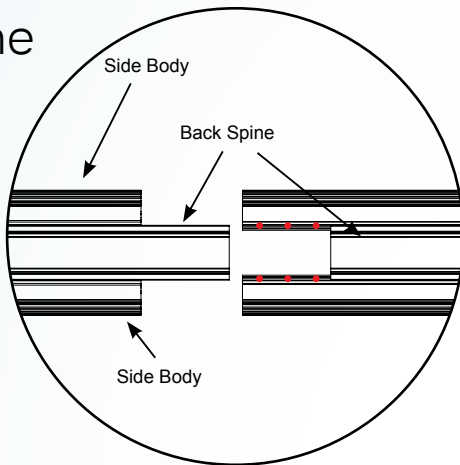


Lock profile lengths together by firmly butting profile lengths together tightening the two M4 grub screws with a allen key.

# Back Spine

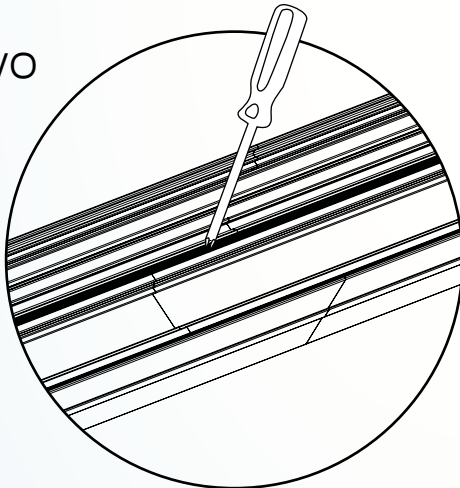
Currently available in our 70 Rectangle & 100 Rectangle only

## Step One



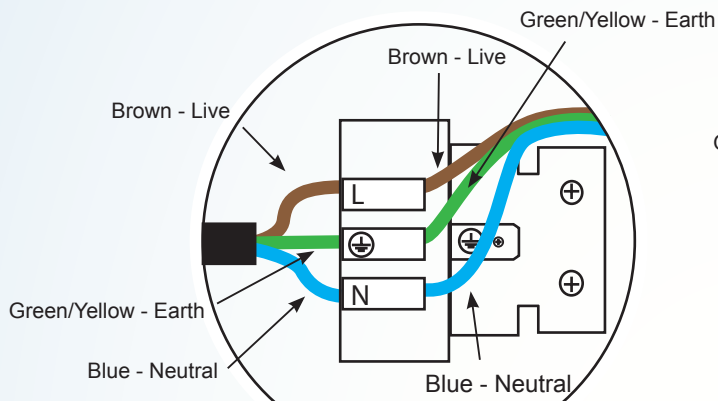
Remove the fasteners where side-body is not attached to back-spine. Slide extrusion together making sure side-body and back-spine is flush with each other and joining rods are in correct position.

## Step Two

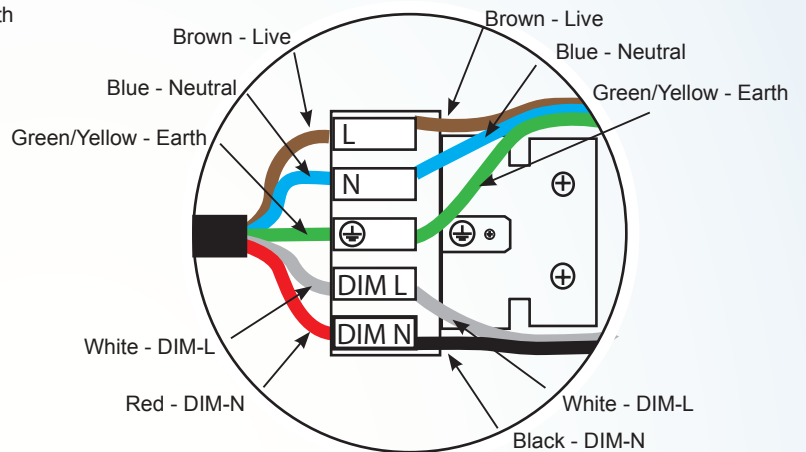


Tighten the fasteners that were removed back into where they were removed from to connect fitting joins together.

# Terminal Block

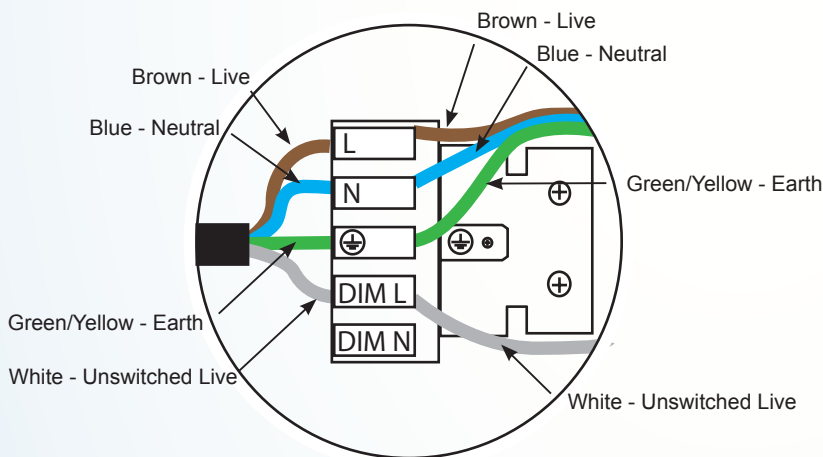


Non Dim



Dimmable

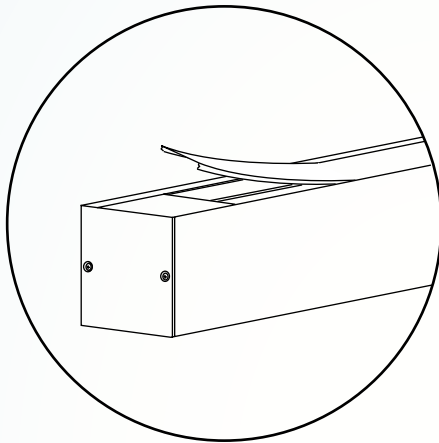
No Dimming Neutral (Black Cable) Required For TCI Drivers  
If Push/Touch Dim or 1-10v Dim Supplied



Non Dim - Unswitched Live

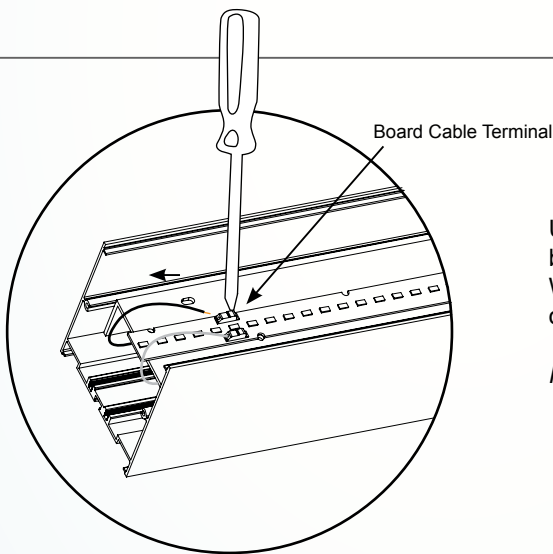
# Remove LED Tray (Aluminium Block)

## Step One



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

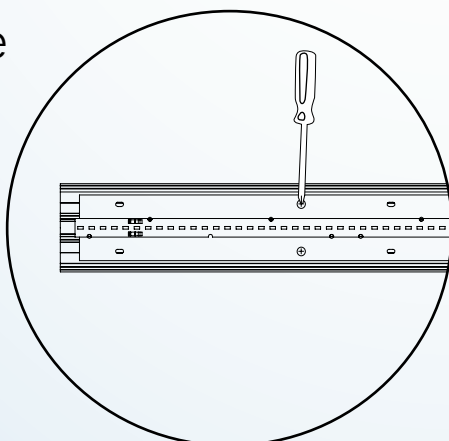
## Step Two



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



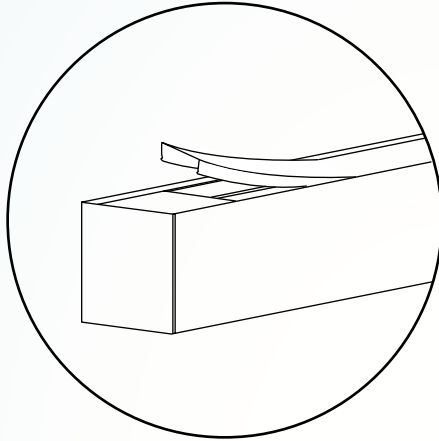
Remove the four philips head screws to remove LED board tray and gain access underneath LED tray.

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.

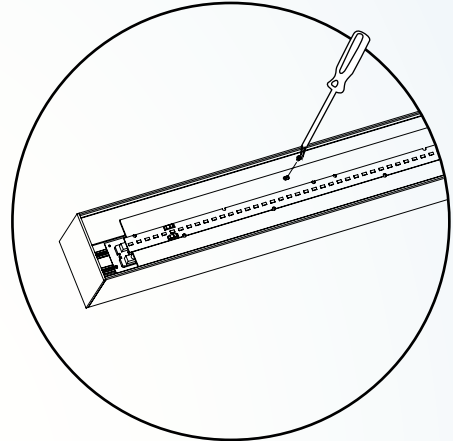
*Note. white cable positive  
black cable negative*

# Remove LED Tray (Hinged)

## Step One

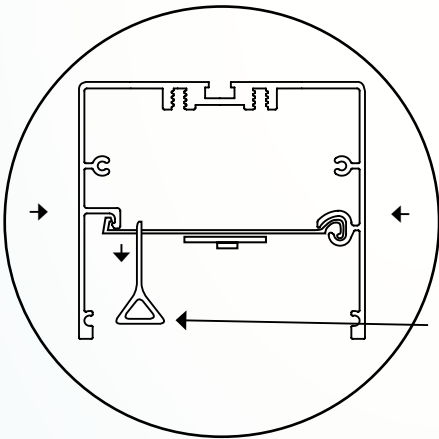


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using small flat head screwdriver.



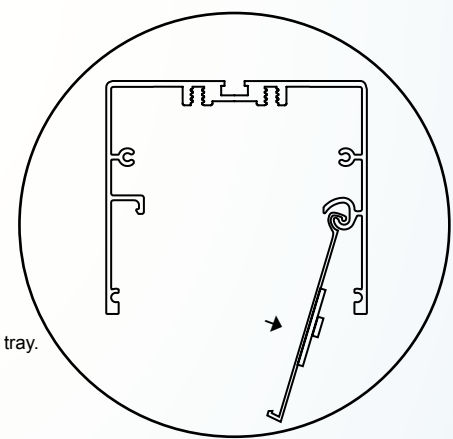
Unscrew Fasteners located in the one side of tray (fasteners spacings and amount will change depending on tray size).

## Step Two



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

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

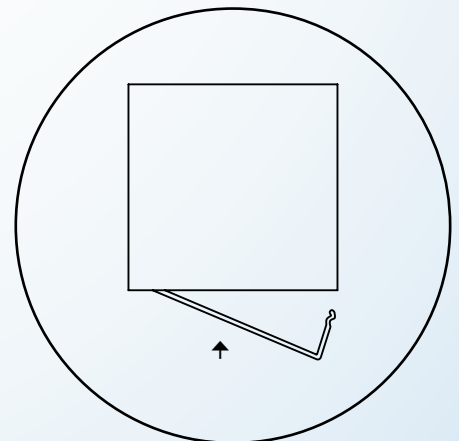
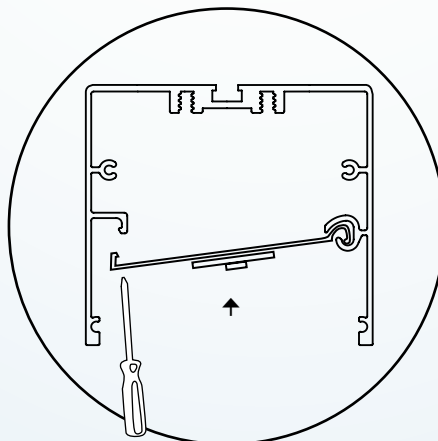


Once side of tray is released from profile the tray is able to hang without assistance by hinge design.

## Step Three

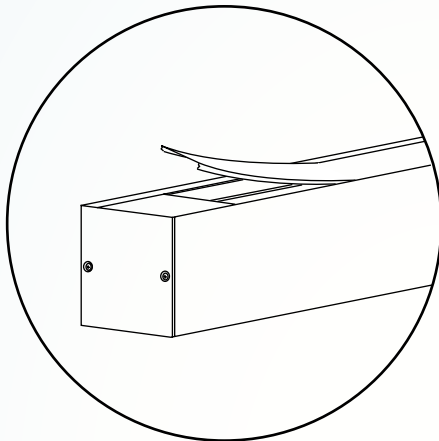
Push tray back into place by applying pressure to trays clip in system in the side of profile. Once clipped-in screw fasteners taken out back into holes where came from.

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

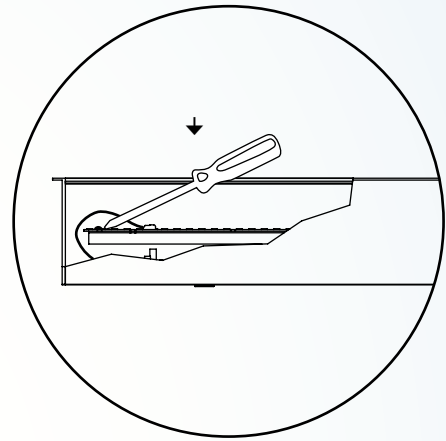


# Replace LED Board

## Step One

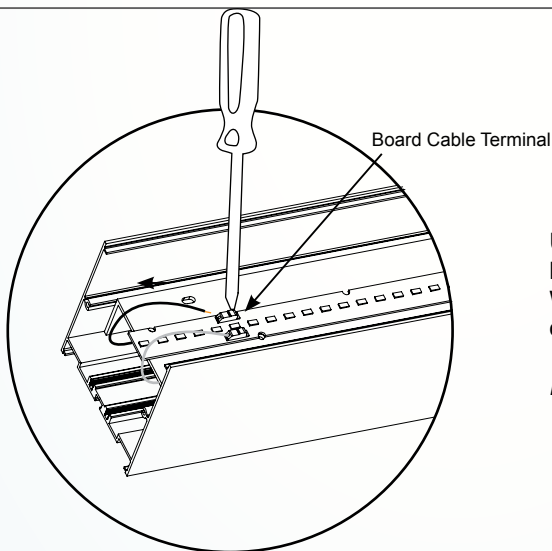


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using a small flat head screwdriver.



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



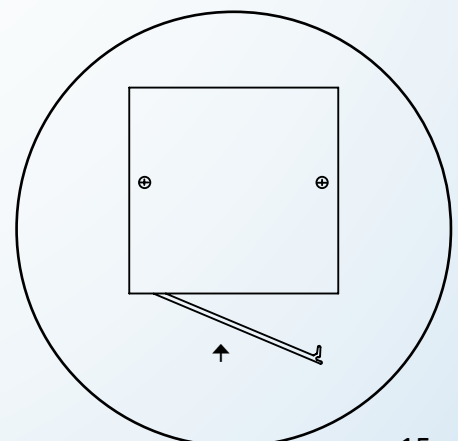
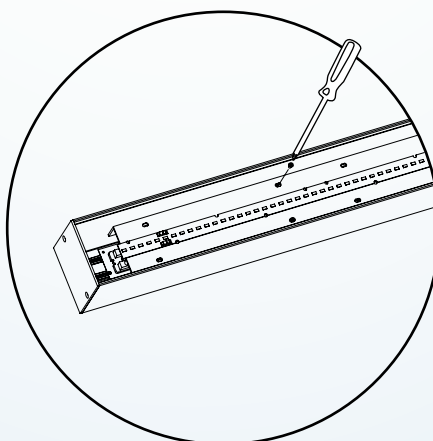
Using a small screw driver push down on the LED board cable terminals tab keeping the cables in. When pressure is applied to the tabs pull cables out to release cable.

*Note. white cable positive  
black cable negative*

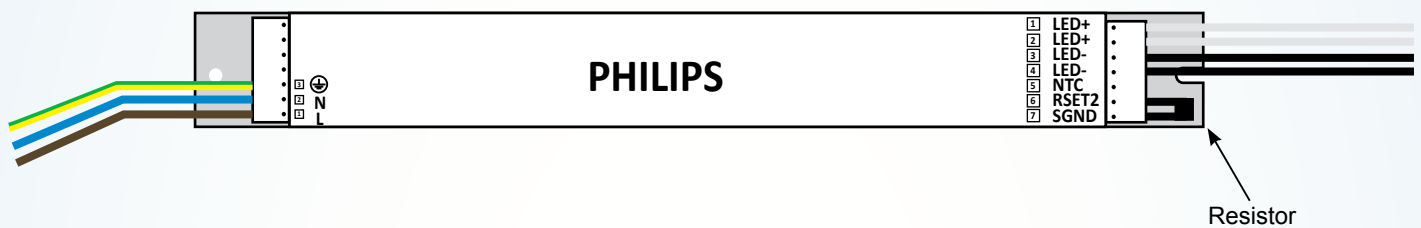
## Step Three

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.

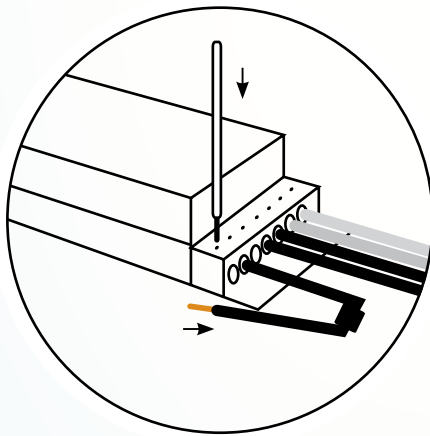
*Note. white cable positive  
black cable negative*



# Replace Resistor

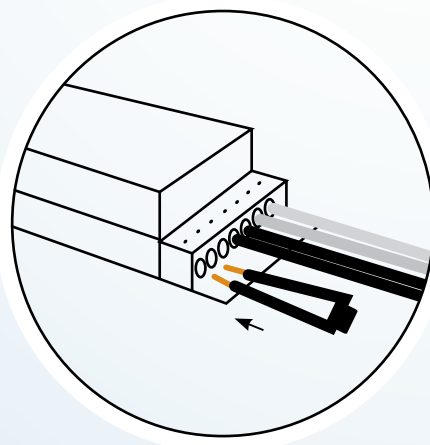


## Step One



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.

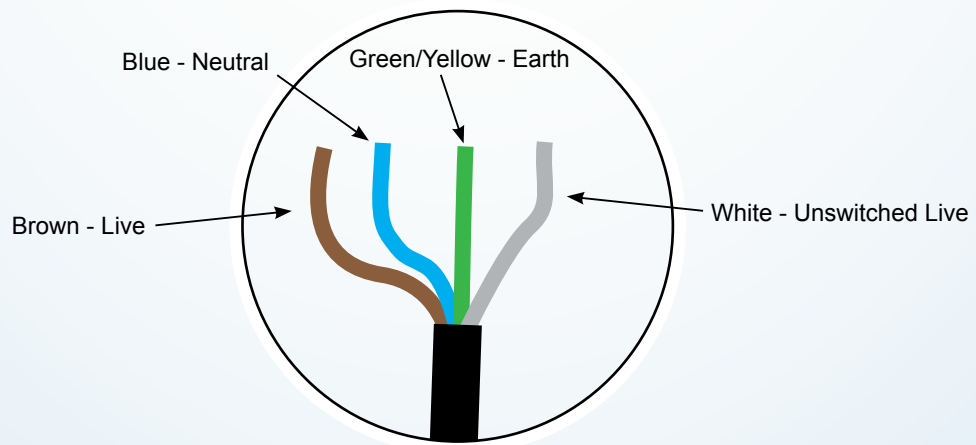
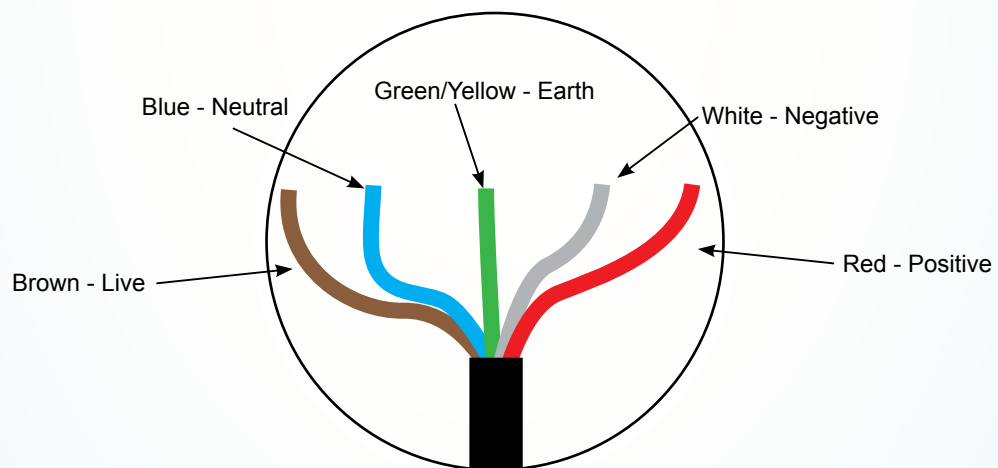
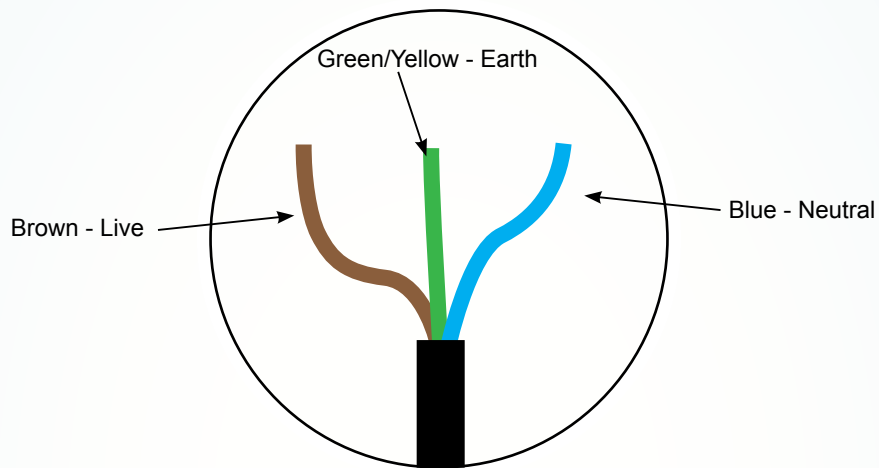
## Step Two



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.

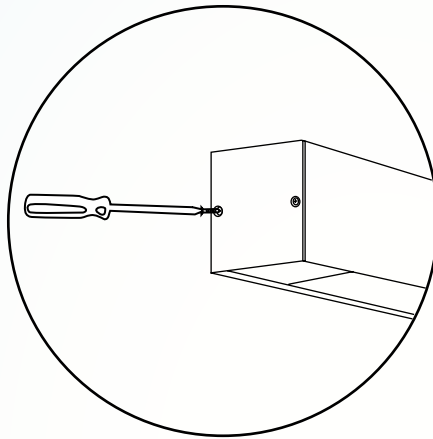


# Flex Wiring



# Removing End-caps

## Standard End-cap



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

## 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.

