

# Wire Suspension **Installation Instructions**

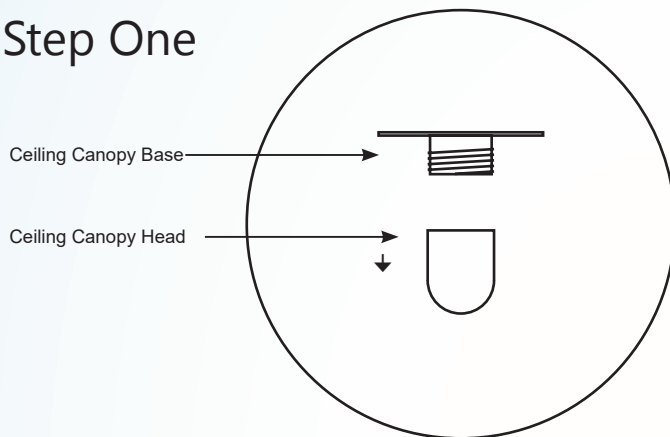


# Contents

Wire Suspension Installation	4
Self Leveling Barrels	6
Remote Gear	8
Joining Clasp	9
Joining Plate In Back Channel	10
Back Spine	11
Terminal Block	12
Remove LED Tray (Aluminium Block)	13
Remove LED Tray (Hinged)	14
Replace LED Board	15
Replace Resistor	16
Flex Wiring	17
Removing End-caps	18

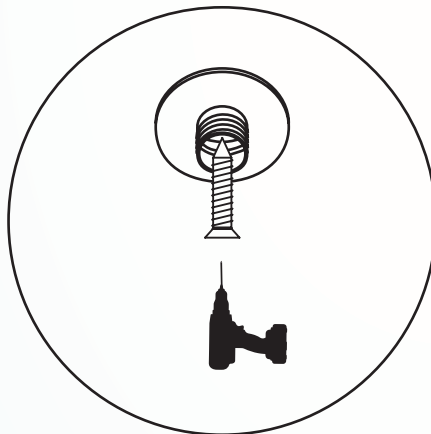
# Wire Suspension Installation

## Step One



Unscrew ceiling canopy head from base.

## Step Two



Screw ceiling canopy base to ceiling using the appropriate fastener for the material it is screwing into. Quantity of suspension cables supplied will be one every two metres plus one (see below examples). It is up to the installer to ensure the correct fastener is used for weight allowance.

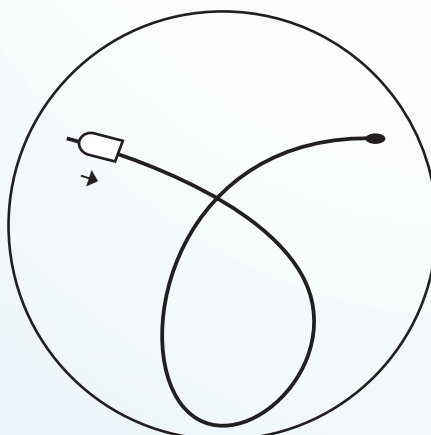


4Mtr Fitting c/w 3 x Suspension Kits



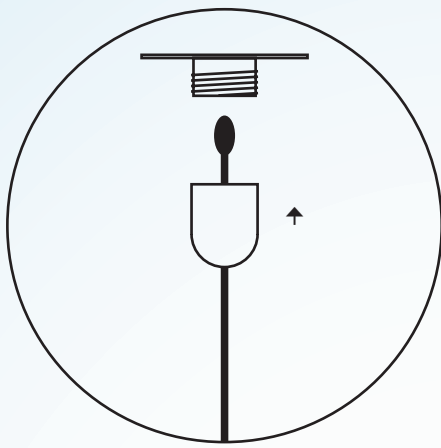
8Mtr Fitting c/w 5 x Suspension Kits

## Step Three



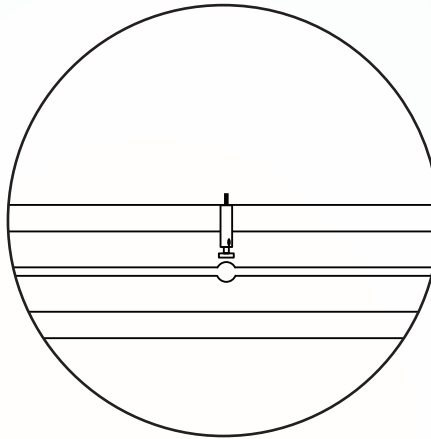
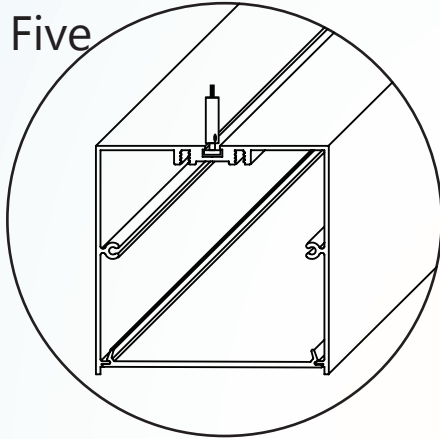
Feed suspension cable through the ceiling canopy head until it is at the other end.

## Step Four



Screw ceiling canopy head to ceiling canopy base.

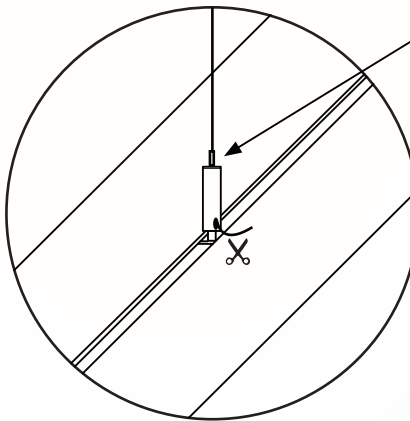
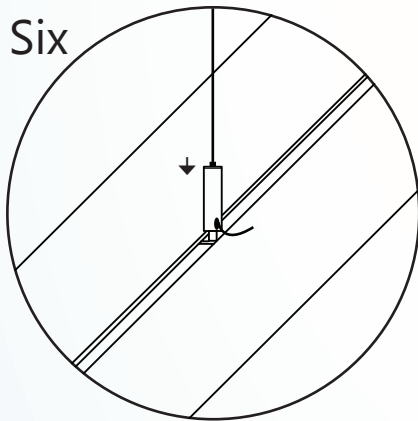
## Step Five



Slide the correct amount of self leveling barrels down the back channel of the fitting to suit ceiling canopy's already mounted to the ceiling.

If end-caps are on both sides of a single length place self leveling barrel through access hole in back spine and then slide down channel to where required.

## Step Six



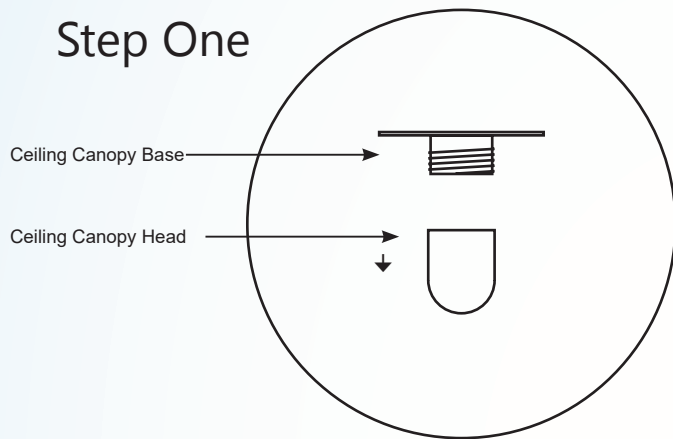
Self Leveling Barrel Nipple

Push nipple on the self leveling barrel and feed cable through until you are at required height. Release nipple to lock cable in.

Cut any excess wire to complete wire suspension installation.

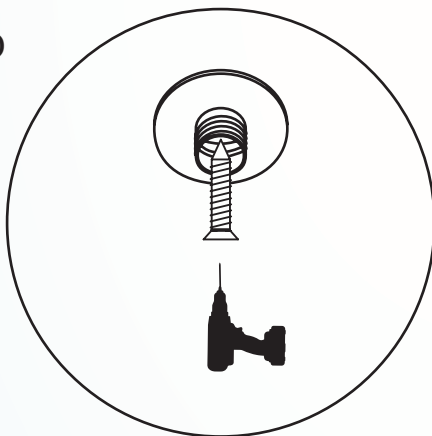
# Self Leveling Barrels

## Step One



Unscrew ceiling canopy head from base.

## Step Two



Screw ceiling canopy base to ceiling using the appropriate fastener for the material it is screwing into. Quantity of suspension cables supplied will be one every two metres plus one (see below examples). It is up to the installer to ensure the correct fastener is used for weight allowance.

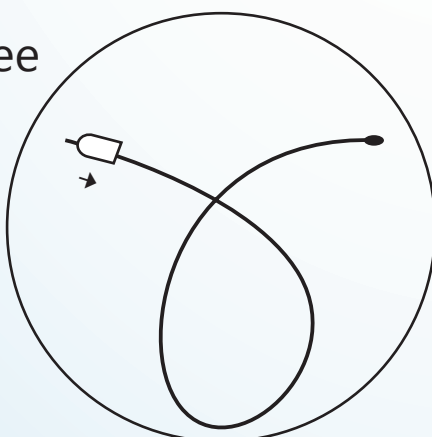


4Mtr Fitting c/w 3 x Suspension Kits



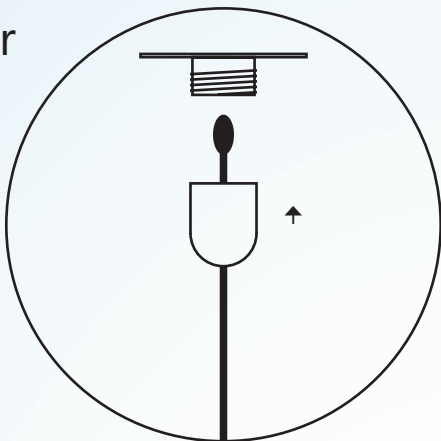
8Mtr Fitting c/w 5 x Suspension Kits

## Step Three



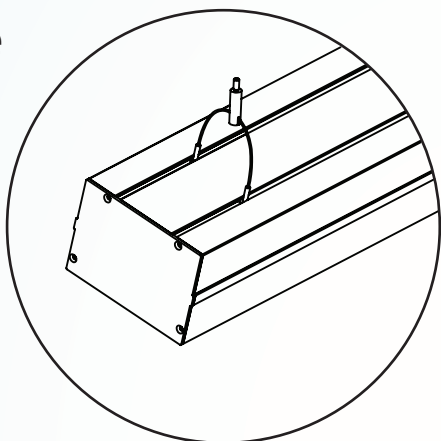
Feed suspension cable through the ceiling canopy head until it is at the other end.

## Step Four



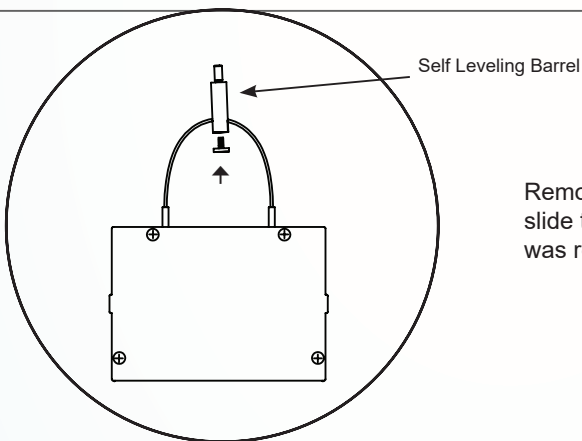
Screw ceiling canopy head to ceiling canopy base.

## Step Five



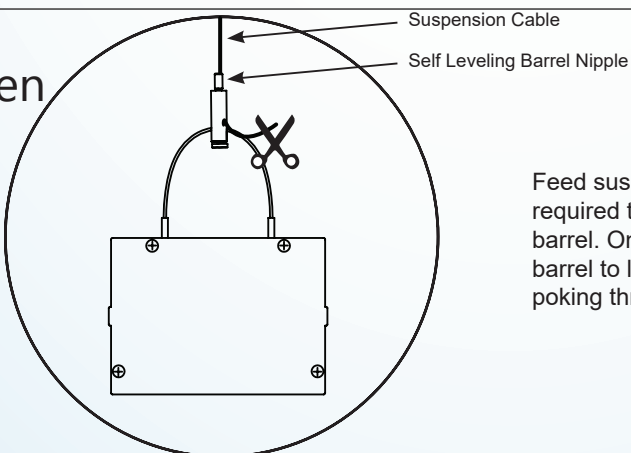
Insert head of suspension cable through hole located approximately half-way down fitting (This only applies to fittings that have no joins, if joins are supplied slide suspension cable down channel at opening end).

## Step Six



Remove bolt at bottom of self-leveling barrel, slide the wire between the channel where bolt was removed then screw bolt 3/4 of the way.

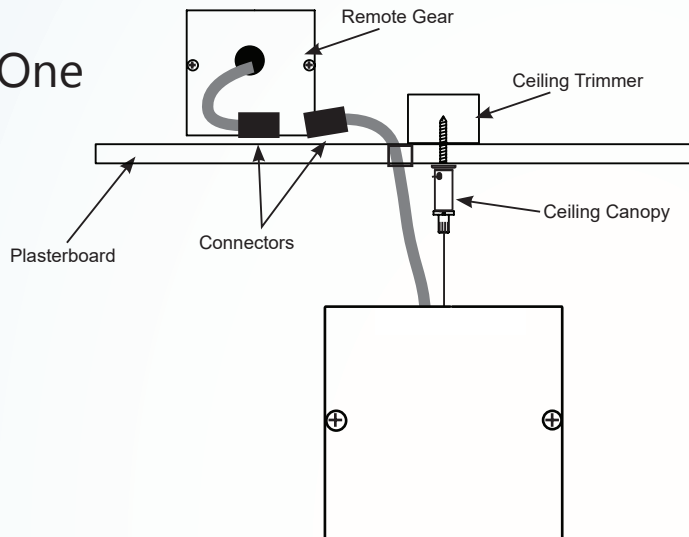
## Step Seven



Feed suspension cable through until at height required then tighten nipple at end of self-leveling barrel. Once at height tighten bolt at bottom of barrel to lock wire into place. Cut off excess wire poking through hole in side of barrel.

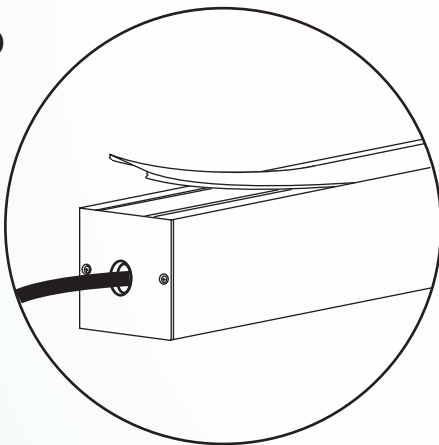
# Remote Gear

## 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

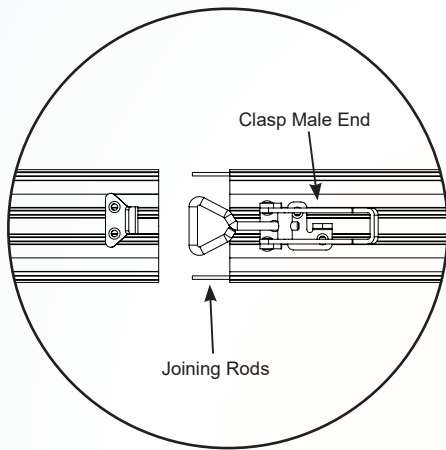


Remove diffuser by levering the end of diffuser with a small flat head screwdriver. Wire terminal block as per terminal wiring instructions (page 21).

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

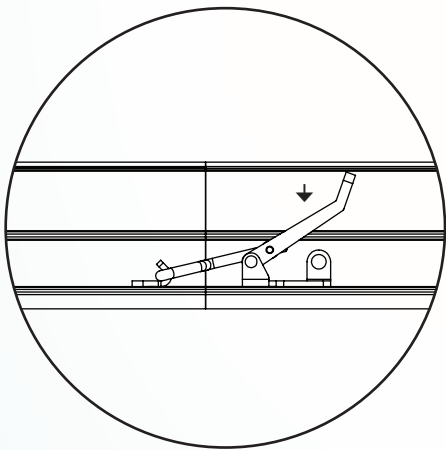
# Joining Clasp

## Step One



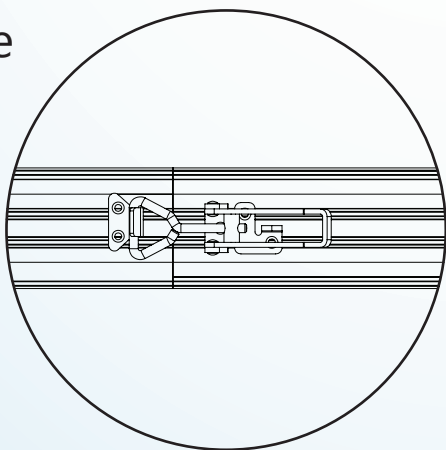
Remove diffuser or infill and LED tray to get access to joining clasp on the male end. Slide joining rods into their corresponding holes in extrusion.

## Step Two



Push down on clasp lever to lock into place.

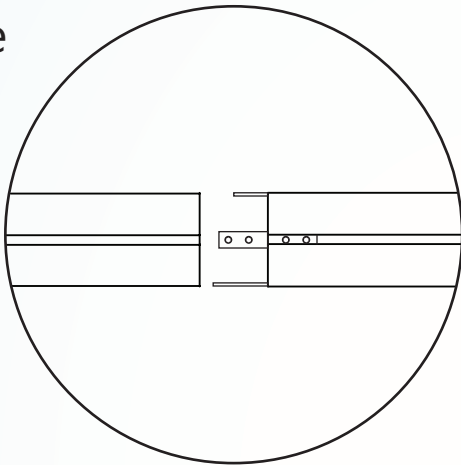
## Step Three



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.

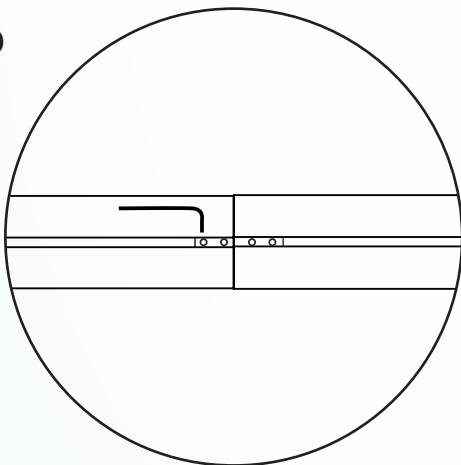
# Joining Plate In Back Channel

## 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 profile lengths together.

## Step Two

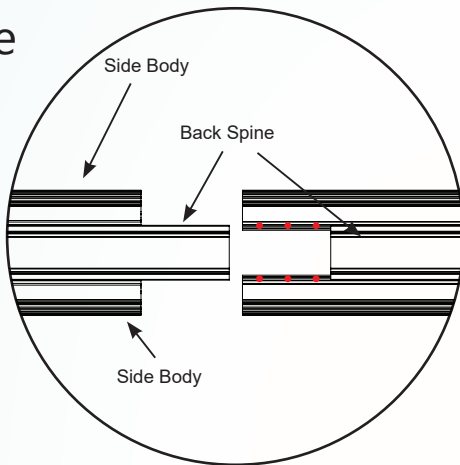


Lock profile lengths together by firmly butting profile lengths together tightening the two M4 grub screws with a allen key.

# Back Spine

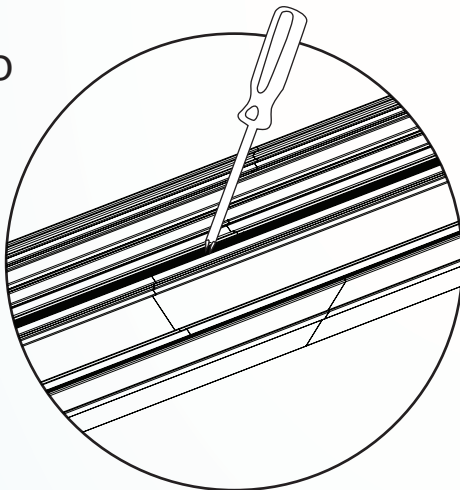
Currently available in our 70 Rectangle & 100 Rectangle only

## Step One



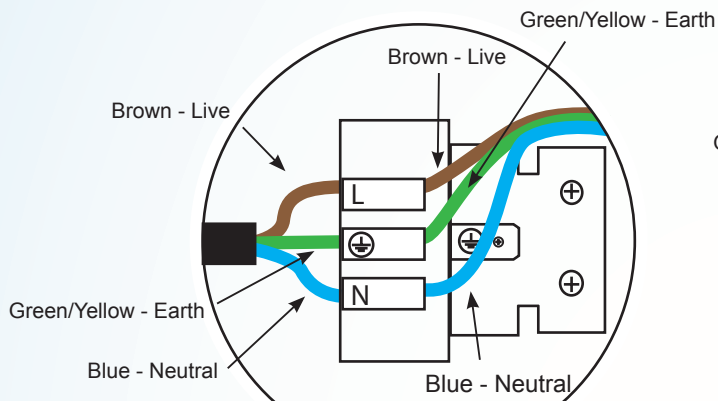
Remove the fasteners where side-body is not attached to back-spine. Slide extrusion together making sure side-body and back-spine is flush with each other and joining rods are in correct position.

## Step Two

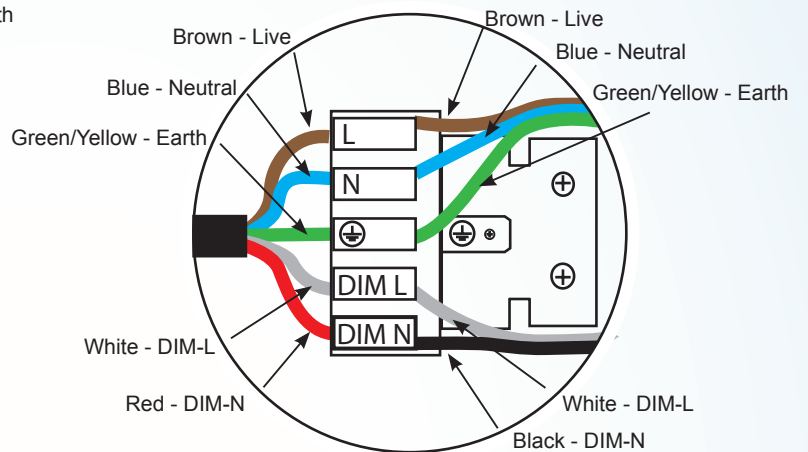


Tighten the fasteners that were removed back into where they were removed from to connect fitting joins together.

# Terminal Block

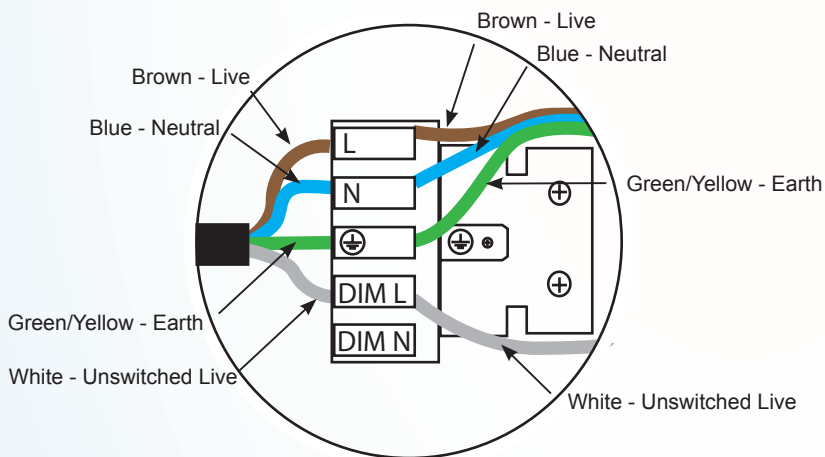


Non Dim



Dimmable

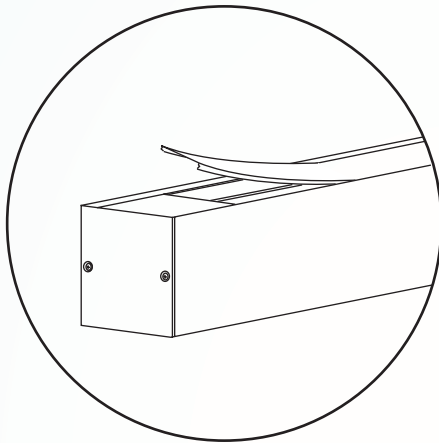
No Dimming Neutral (Black Cable) Required For TCI Drivers  
If Push/Touch Dim or 1-10v Dim Supplied



Non Dim - Unswitched Live

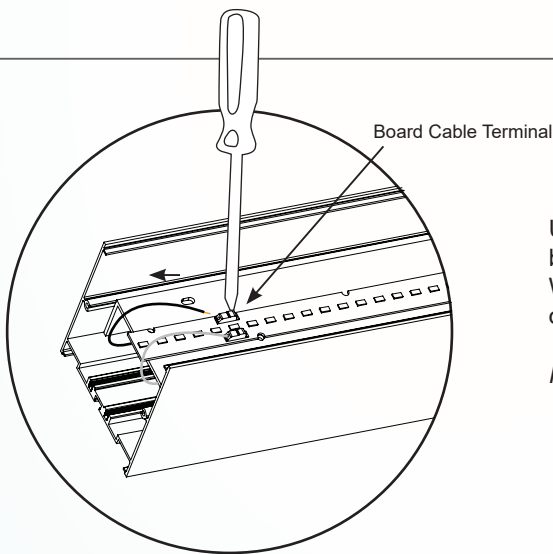
# Remove LED Tray (Aluminium Block)

## Step One



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

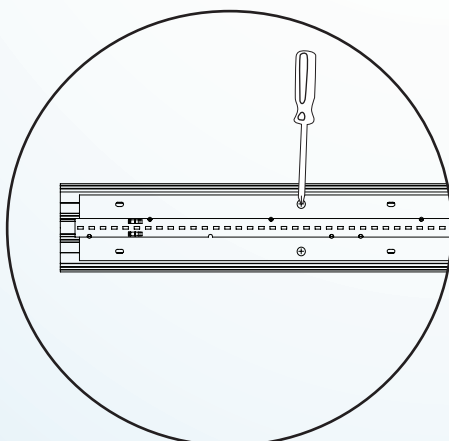
## Step Two



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



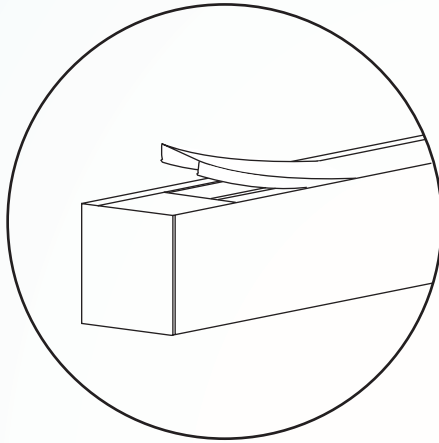
Remove the four philips head screws to remove LED board tray and gain access underneath LED tray.

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.

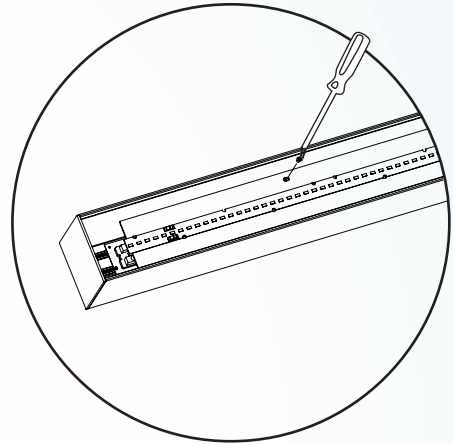
*Note. white cable positive  
black cable negative*

# Remove LED Tray (Hinged)

## Step One

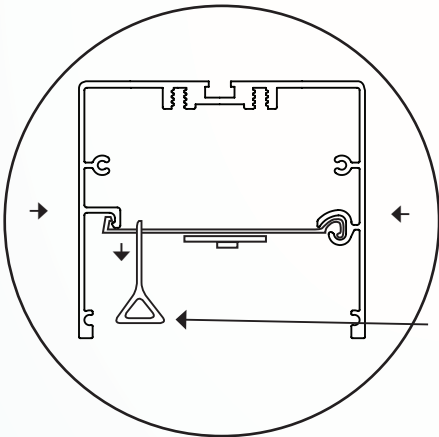


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by using small flat head screwdriver.

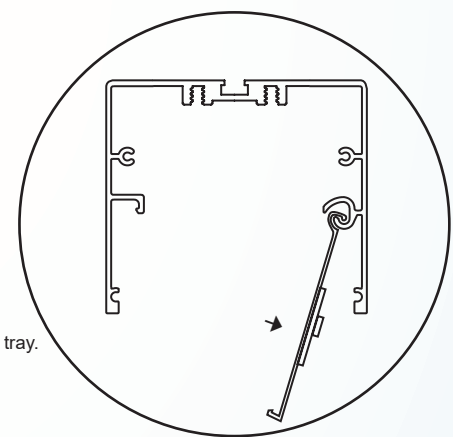


Unscrew Fasteners located in the one side of tray (fasteners spacings and amount will change depending on tray size).

## Step Two



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



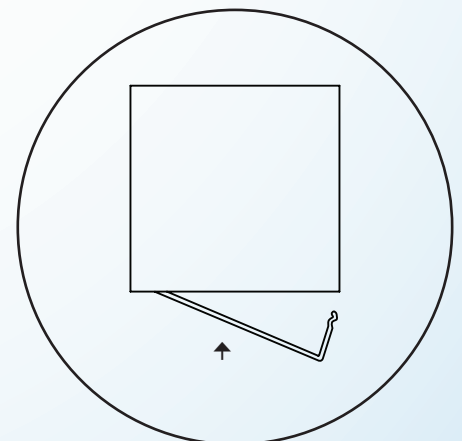
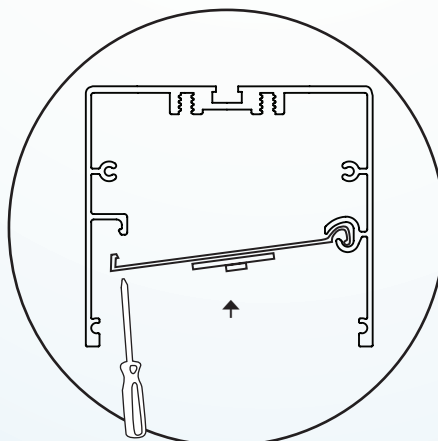
Use paint tin opener supplied to lever tray loose at either end of tray.

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

## Step Three

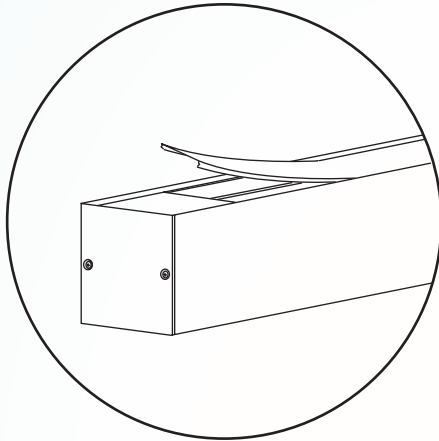
Push tray back into place by applying pressure to trays clip in system in the side of profile. Once clipped-in screw fasteners taken out back into holes where came from.

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

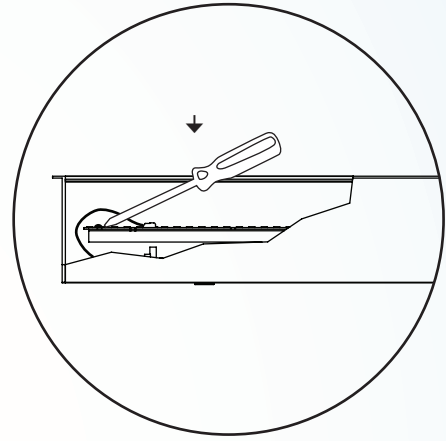


# Replace LED Board

## Step One

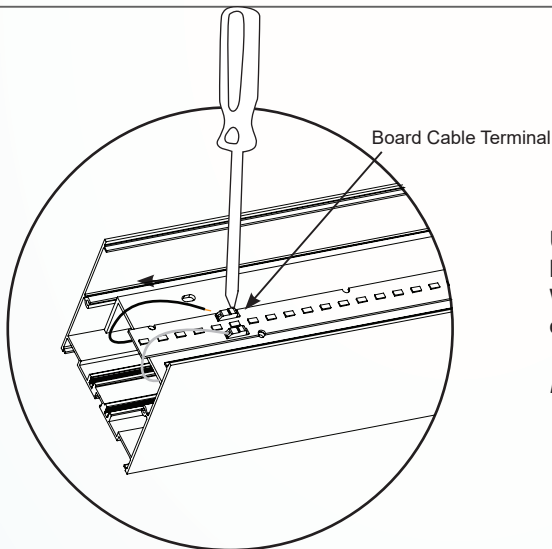


Remove diffuser by pulling the clear plastic sleeve hanging out sides of diffuser or by levering the end of diffuser by a small flat head screwdriver.



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



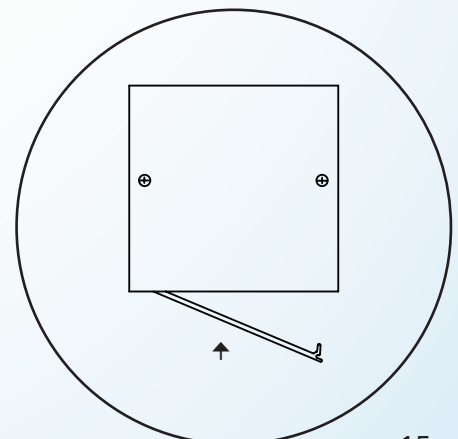
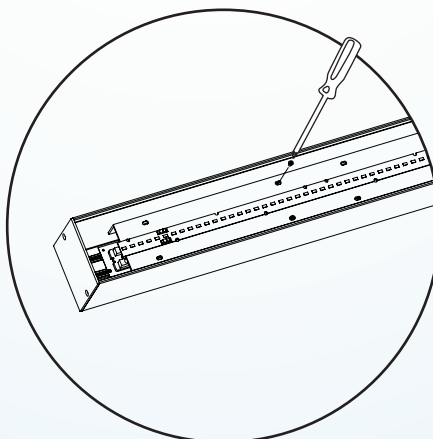
Using a small screw driver push down on the LED board cable terminals tab keeping the cables in. When pressure is applied to the tabs pull cables out to release cable.

*Note. white cable positive  
black cable negative*

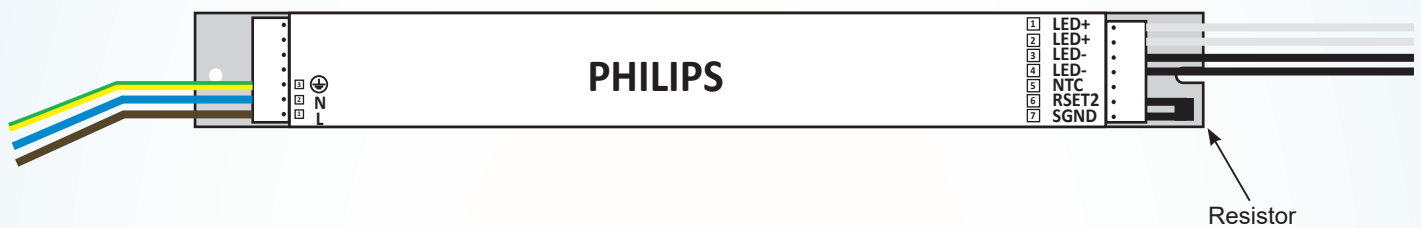
## Step Three

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.

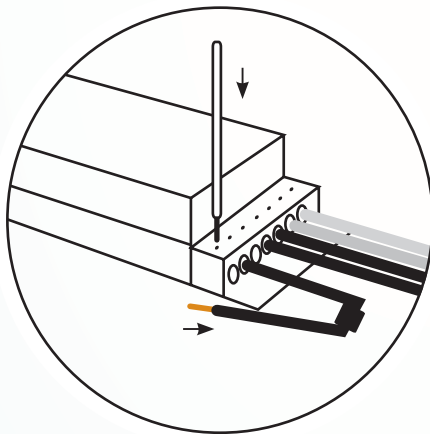
*Note. white cable positive  
black cable negative*



# Replace Resistor

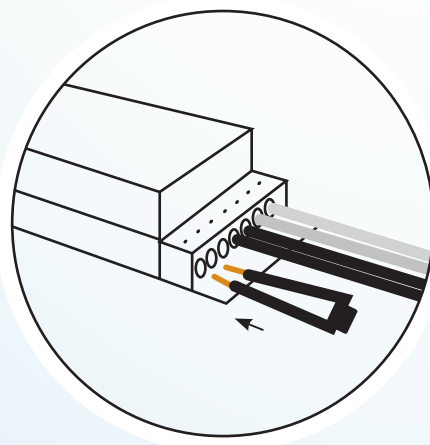


## Step One



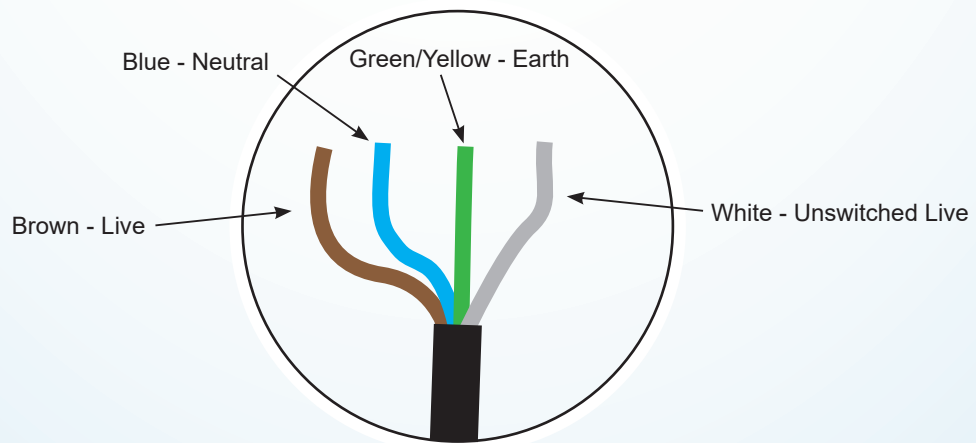
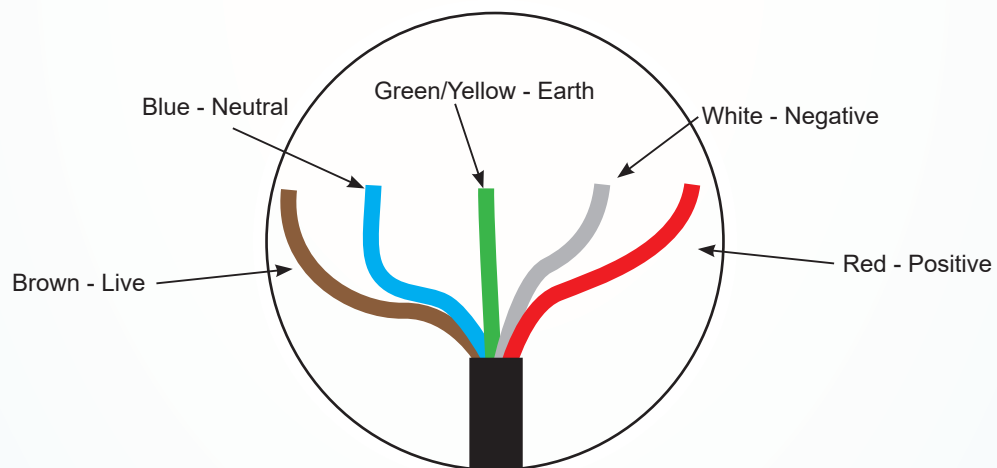
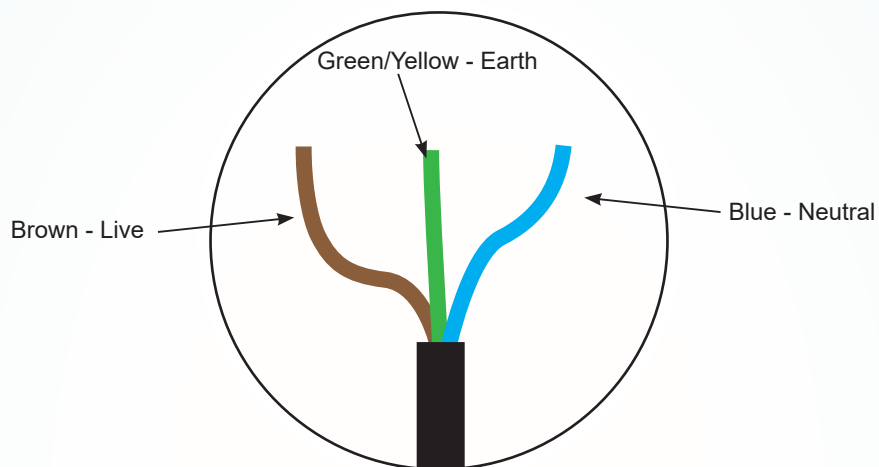
Using a small pointed object to push down into hole which lines up with the resistor legs. At the same time as push down to release clamp. Pull the corresponding resistor leg to remove from driver.

## 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.

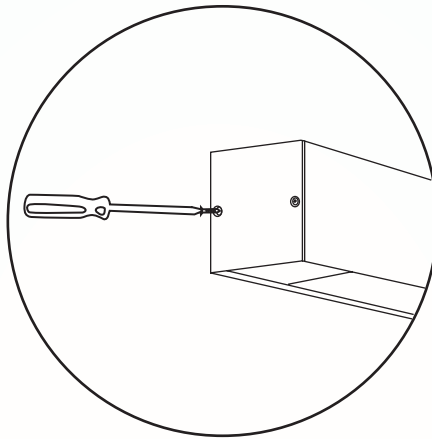
# Flex Wiring



# 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.

