Easy to Assemble:

1 = Once the 'Electric Rail(s) are fitted to the Ceiling - or - Wall
2 = You just decide, if the LED's are to be added in = Landscape - or - Portrait
3 = Then, add the Cables + LED's + Power Transformer

4 = Assuming you are wanting them as 'Landscape'
5 = We have listed 4x pages of each 4x Options offered
6 = Once completed, just add either Back-Lit Film or Paper
7 = By the way, we also sell Back-Lit Film or Paper!

Step 1:

**A4 Portrait is held in place by
2x Supporting Cables**

Step 2:

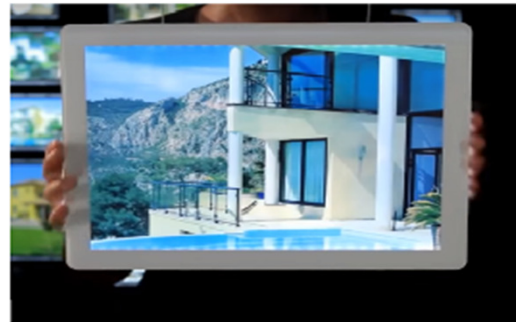**Remove 1st x Cable**
(Simple Slide-Out Action)

Step 3:

Remove 2nd x Cable
(Simple Slide-Out Action)
A4 Portrait is now Un-Connected

Step 4:

**A4 Landscape Connection
Attach the 1st Cable**
(Simple Slide-In Action)

Step 5:

**A4 Landscape Connection
Attach the 2nd Cable**
*(Simple Slide-In Action)*
A4 Landscape is now Connected

4x Examples:

Flexible LED's - Fitting Details:

1x Electric Rail:

1	Electric rail supplied is = 1100mm
2	If only 1x rail is supplied - secure the rail to your ceiling area
3	However: as all the weight is on the ceiling area - ensure the rail is secured 100%
4	If you have been supplied 2x rails to make a longer combination

2x Electric Rails:

1	Then, as 2x Electric rails will create a 2200mm - this might be to long for your needs…
2	If you require a total length of say 2000mm, then, simply cut 1x length of rail to the desired wanted length
3	When fitting 2x rails together you will be required to add 4x pin connectors, between them!
4	The pin connectors joins the rails together, as well as carries the power from rail 1 to rail 2
5	Page 2 reveals 4x Images - 2x rails is really the final image shown
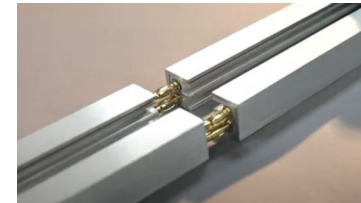
Suspended Cables:

1	Each rail requires 2x cables to power up your LEDs (per drop) they are held to the rail with cable connectors
2	The cable connectors have 2x colours - Blue & Red (Positive Power & Negative Power)

Action 1 - Thread your suspended cable into the "Red" cable connector - (place excess within)
Action 2 - Now add this to the 'LEFT-Side' of your electric rail (simple screw-in action)

Action 3 - Calculate the distance required for the next suspended cable (measure the actual LED key-hole area)

Action 4 - Thread your suspended cable into the "Blue" cable connector - (place excess within)
Action 5 - Now add this to the 'Right-Side' of your electric rail (simple screw-in action)

At this point - you should have your electric rail in place and 2x suspended cables in place

1st LED:

1	With the help of an assistant, hold the LED, insert the ball ends of the suspended cables into the LED
2	Now pull down the cable from the rail connectors, until you gain your desired height
3	Now check the LED is level (use a small spirit level)
4	Once happy with the level, lock the rail connectors, then, and only then, cut-out any unwanted cable excess

At this point - you should have 1x LED suspended and level, between the 2x suspended cables

Other LED's

1	Each and every additional LED is supported by smaller cables (they have a ball on both ends)
2	Now simply add your next LED using these double-ball-ended-cables (never cut them shorter)
3	Keep repeating until you have completed your first drop of LED's

At this point - you should have your first drop of LED's in place

Power:

1	The electric rail requires the power transformer, to power the whole display up
2	On the side of the electric rail, the transformer has 2x jack-plugs, which are marked 'Positive & Negative'
3	The Negative (-) plugs into the = see image
4	The Positive (+) plugs into the = see image

Tip   Before plugging in the UK Power plug
We would recommend that you add a 'Surge Protector'
This will help protect your investment!
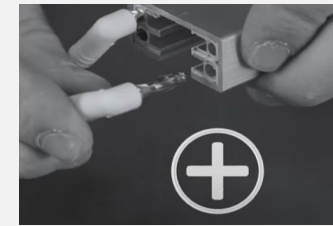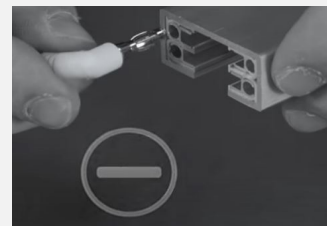
5	Turn on the power

If you have completed everything successfully, every LED will illuminate

At this point - you should have your first drop of LED's in place

Tip   Now you have established the LED's are powering up
Before starting on your next drop of LEDs - **turn the power off**
Once completed - **turn the power back on**
Basically as you are fitting each drop - you are checking as you fit - rather than waiting till you complete all then - detecting a problem

Finishing Up:

1	Once you are happy - **turn the power off**
2	Now tidy up your loose ends on your transformer, maybe add plastic trunking - or - hide all within the ceiling area
3	Regarding property documents - simply add these to each side of the LED's
4	Once happy - **turn the power back on**
5	By the way - property documents can be added, even if the LED's are illuminated

Common Faults:

Fault =   LED's fail to illuminate

Solution =   This is because of the 2x jack-plugs from the transformer
                     Turn off the power - swop them - turn on the power
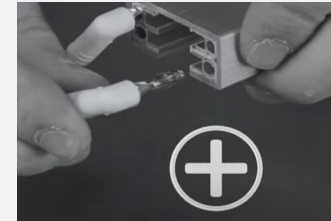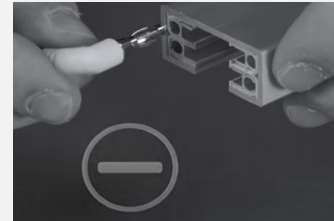
Fault =   Transformer Failure:

Solution 1 =   We supply 2x versions 90W + 120W
                     We supply the correct transformer for the order
                     However: if you add further LED's
                     A higher rating transformer 'maybe required'
                     Otherwise, display may not be as bright or…..........
                     The transformer is working overtime, thus shortening is life
                     Thus, shortening the transformers life-spam, considerably

Fault =   Transformer Over Heating:

Solution 1 =   Transformers require a air-flow, to keep them cool - or - you are using the wrong version of transformer!
                     DON'T box the transformer off
                     DON'T place material around them - that's a fire risk!
                     Let's be brutally honest - Transformer Over Heating = "Failure" - is really down to common-sense-not-being-used
                     Moral - get it right first time, as it protects your investment and your office