

## TradeStrip LED Strip - Installation

### System requirements:

A fully operational system need **ALL** of the following:

- **Power Supply** - 12 or 24v to match the LED Strip.
- **LED Strip**
- **Cable** - 0.5mm twin core

You may also require the following :

- **Connectors.** You can use GRIPPA (8mm size) or you can solder
- **Mounting Profile**
- **Dimming Control**

### Installation

- **Important:** *LED strips do generate some heat and for long term reliability and safety you should make sure that they are mounted in a well ventilated position. They must also be properly stuck down so ensure the surface is clean, dry and free of grease otherwise it will not stick correctly.*
- *Observe polarity on LED strip*
- *You should not exceed the recommended maximum single length - 4m for 12v and 5m for 24v - if you do then the system will suffer from voltage loss and the brightness towards the end will be reduced.*

## **Cutting to length:**

This strip can be cut to a finished length but you must only cut on the recognised cut points. Cut centrally and square.

## **Connecting Cables:**

You can solder directly onto the pads or use GRIPPA solder free connectors which provide a quick and reliable joint. The order codes are

GRIPPA-SW-8-IP20 - Non waterproof strip to cable connector

GRIPPA-SW-8-IP65 - PU Coated strip to cable connector

Important : You should use a minimum 0.5mm 2 core cable.

## **Fixing:**

The 3M Adhesive is designed to fit once - it does not respond well to fitting, removal and repositioning so make sure you have cut and tested everything before the final fitting.

## **Troubleshooting**

**Strip Does Not Light** - The power connections are incorrect - ensure that the power supply is wired correctly and that the positive and negative cables to the LED Strip are secure and wired correctly

**LED Strip gets dimmer along the length.** It is likely that the single length is too long. Anything over 3m for a TradeStrip120 or 6m for TradeStrip60 will be noticeable. If you must have a long length then add another power feed at the end or split the length into 2 runs.

**It's very bright and gets hot.** Turn off immediately - have you connected a 24v Power Supply? If so, replace immediately with a 12v unit. This product must **NOT** be connected directly to mains voltage.