

DIY-4X300-WW/DIY-4X300-CW/ DIY-4X600-WW/ DIY-4X600-CW

LED TAPE DECOR KIT – SINGLE COLOUR

Item ref: 156.791UK/156.792UK/156.781UK/156.782UK

User Manual

LED Tape Decor Kit

Thank you very much for purchasing the Fluxia LED Decor kit. It includes corner joint pieces which are ideal for installation of back lit illumination for pictures, paintings and mirror frames.

Before starting please ensure that you have read this instruction leaflet carefully.

If you are unsure about anything please have this installed by a competent installer.

Contents:

- 4 x LED strip
- 2 x Corner strip
- 3 x snap on joint adaptor
- 4 x pin connector
- 2 x 2.1mm DC plug to pin adapter lead
- PSU with UK/EU/US adapters and inline switch

Possible required tools: Scissors, Craft knife,

Step 1: Preparation

Ensure that the surface you are attaching to is clear of dust and dirt. Clean thoroughly and leave to dry before fitting the tape. Check individual parts are function correctly by connecting individual strips and corner pieces to the power supply, check all LEDs are working and colour consistency before cutting or installing. If any part is not working correctly, return the product to your supplier without delay.

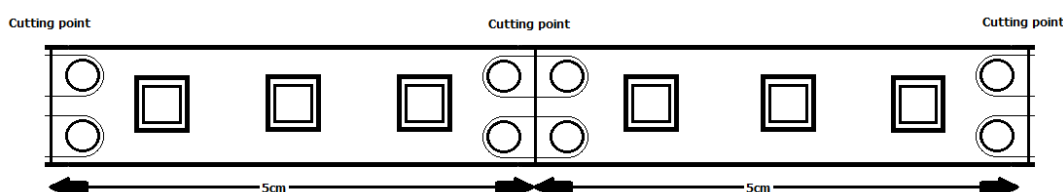
Step 2: Cutting/Joining

Each Fluxia Décor kit is supplied with 4 x 30cm or 4 x 60cm strips which can be cut or joined to fit different sizes of frames. All strips are marked clearly with cutting marks in 5cm intervals. Also for the purpose of easy jointing, this kit supplied with 3 snap on joint couplers.

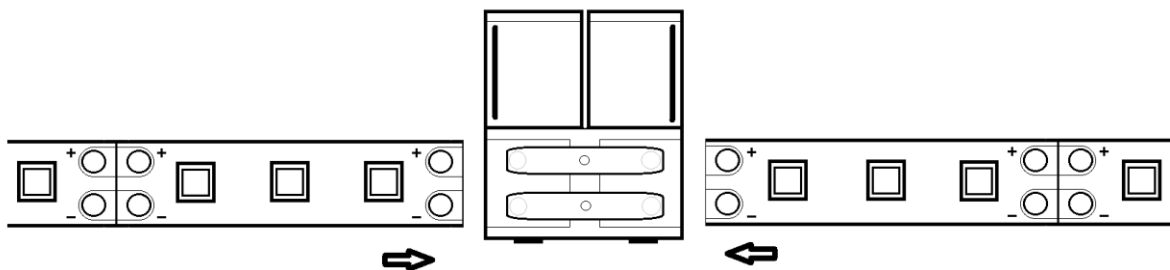
Measure out each side of the frame and work out required length for each side to decide if cutting or joining is required. Please remember to take in account the corner pieces when measuring between the two corners.

WARNING: Disconnect from the power supply before attempting any cutting.

Cutting – use sharp scissors or knife to cut the strip to the required length by the closest cutting mark. Please note ALWAYS cut on cutting mark ONLY, do NOT cut outside the cutting mark as it may cause malfunction in some of the LEDs.

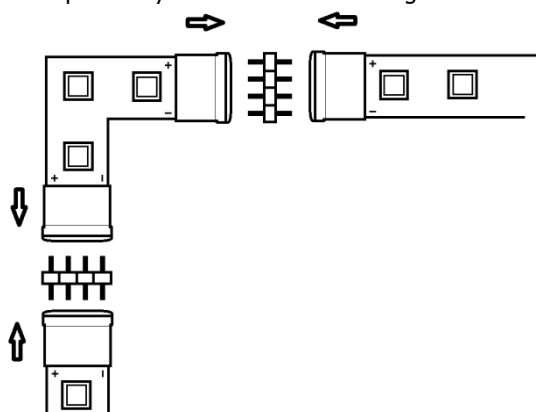


Joining – before joining, strip the clear coating to expose the copper tracks. Make sure the joining track is properly stripped and clean as any residue may affect the electrical connection of the tape. Slide the stripped end of the tape underneath the spring clips, ensuring that the copper track is in contact properly with the clips and close the snap on adapter. Please ensure that the positive and negative marks are connect together correctly as shown below.



Step 3: Installation:

After the tape is cut to the desired length, connect the strips together using the 4 pin connectors supplied. Always ensure that the polarity marked on the tape is lined up correctly and insert the 4 pin connector fully on each end. Plug in the power supply to test that the tape is fully functional before fixing to the frame



All tapes are fitted with self-adhesive backing for easy fixing. Clean the surface of the frame where the tape will be installed, remove the backing paper and push the tape firmly onto the surface. It is recommended to work 5cm at a time to ensure a professional finish.

Specifications

Power supply	12Vdc 1000mA
Lead length	1.25m (switch 0.3m from connector)
Beam angle	130° to 150°
Cut interval	5cm
LED type	SMD3528
IP Rating	IP65
Lumens per LED	6lm
Power consumption	4.8W/m
Current consumption	400mA/m
LED spacing	16mm
Cross-section	8.15 x 2.76mm

Model	156.791UK	156.792UK	156.781UK	156.782UK
LED colour	Warm white (3100K)	Cool white (5000K)	Warm white (3100K)	Cool white (5000K)
LED quantities	78 (18 per strip, 3 per corner)	78 (18 per strip, 3 per corner)	150 (36 per strip, 3 per corner)	150 (36 per strip, 3 per corner)
Length	4 x 300mm strips	4 x 300mm strips	4 x 600mm strips	4 x 600mm strips
Weight	280g	280g	450g	450g



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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