

DIY-3X300-RGB/DIY-3X600-RGB

LED TAPE DECOR KITS - RGB

Item ref: 156.789UK, 156.799UK

User Manual



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

LED Tape Décor Kit RGB

Thank you very much for purchasing the Fluxia LED Decor kit. It includes corner joint pieces which make it 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.**

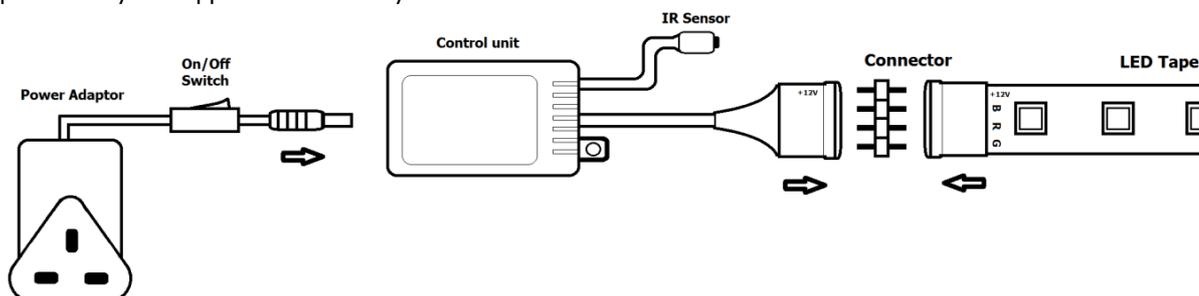
Contents:

- 4 x LED strip
- 2 x Corner strip
- 3 x snap on coupler
- 4 x pin connector
- 1 x Control Box
- 1 x Remote controller
- PSU with UK/EU/US adapter 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 functioning correctly by connecting individual strips and corner pieces to the power supply and control box as shown below, check all LEDs are working and colour consistency before cutting/installing. If any faults are present, return the product to your supplier without delay.

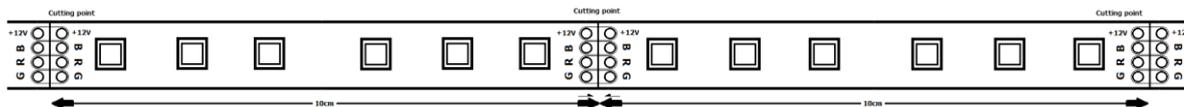


Step 2: Cutting/Joining

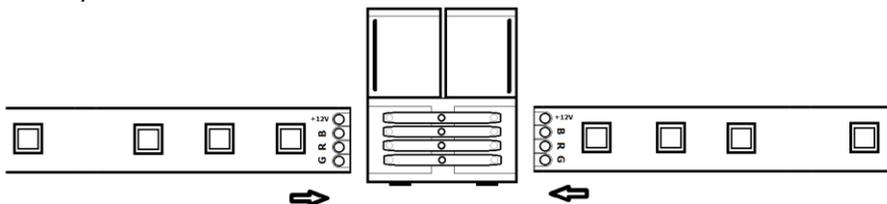
Each Fluxia Décor kit is supplied with 4 x 30cm or 4 x 60cm strips which can be cut or joined to fit different sizes of frames. All strips are marked clearly with cutting marks at 10cm intervals. Also for purpose of easy jointing, this kit is supplied with 3 snap on couplers. Measure out each side of the frame and work out the 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 a knife or sharp scissors 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.

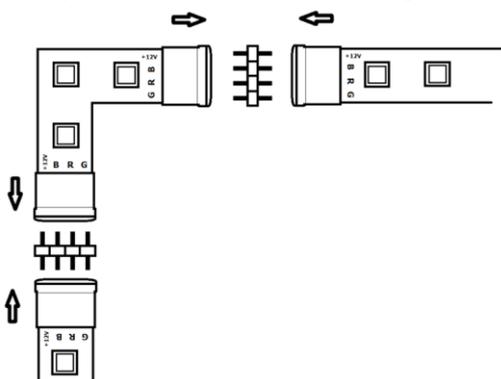


Joining – before joining, strip the clear coating to expose the copper tracks. Make sure the joining track is properly stripped and clean as any residue may affect the connection of the tape. Slide the stripped end of the tape underneath the spring clips, ensure the copper track is in contact properly with the clips and close the snap on coupler. Please ensure that the +12V marks are connected together correctly as shown below.



Step 3: Installation:

After all desired lengths of tape are cut/joined, connect them 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.

Specification:

Lead length	1.25m (switch 0.3m from connector)
Beam angle	130° to 150°
Cut interval	10cm
LED type	SMD5050 RGB
IP Rating	IP65
Lumens per LED	16lm
Power consumption	7.2W/m
Current consumption	600mA/m
LED spacing	32mm
Cross-section	10 x 2.4mm

Model	156.791UK	156.792UK
Power supply	12Vdc, 1000mA	12Vdc, 2000mA
LED quantities	42 (9 per strip, 3 per corner)	78 (18 per strip, 3 per corner)
Length	4 x 300mm strips	4 x 600mm strips
Weight	330g	530g



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.