



DIY Bendable LED Tape Kit

Item ref:153.736UK, 153.737UK, 153.738UK

User Manual

Introduction:

Thank you for purchasing the Lyyt Bendable DIY LED Tape Kit. LED tape is ideal for use on the underside of a counter tops, shelves, cupboards, around window frames or in an alcove of a ceiling to name just a few examples.

Before starting please ensure that you have read this instruction leaflet carefully. If you are unsure about any of the installation details, please have this installed by a competent installer.

In The Box:

- 5m reel of self-adhesive LED tape
- 12Vdc UK power adaptor
- Installation accessories



Possible Required tools: Scissors, Craft knife, Soldering iron and solder, 2 core DC wire and heat shrink tube.

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.

Unravel the tape and connect the power supply. Check that all the LEDs are functioning correctly and if there are any faults return to your retailer without delay.

Step 2: Cutting

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

Measure out each section and cut with sharp scissors at the marked 5cm intervals to achieve the perfect length. Do not discard any excess tape as it can be easily reconnected and used again.

Step 3: Fitting:

Example 1: Simple straight run.

Clear the area you wish to install the tape and remove the backing paper, exposing the adhesive tape. Push tape firmly onto the surface. It is recommended to work on 50cm sections at a time in order to ensure a professional finish. When you reach the end of your installation cut at the marked cutting point.

Example 2: Requires cutting:

The tape can be cut at highlighted 5cm intervals for a perfect fit.

WARNING: Only cut the tape on the highlighted intervals. Cutting the tape in other parts without due care will permanently damage that section of the tape and will result in malfunction.

Points to remember when using this tape

- 1) Only use the supplied power adaptor for the length of tape in the kit
- 2) Only cut the tape at the highlighted 5cm intervals.
- 3) Do not connect another reel and operate from a single power supply as this will seriously affect the performance.
- 4) The top track of the tape is the + Positive pole.
- 5) The bottom track of the tape is the – negative pole.
- 6) Ensure you connect the correct wires otherwise the tape will not work.
- 7) Ensure that when soldering there are no short circuits
- 8) We recommend use of heat shrink tubing to protect the connection.
- 9) Check that everything operates correctly before installing.

FAQ:

Q) Can I connect different colours in a chain?

A) Yes, all the LEDs draw the same power, current and have the same connection but do not exceed the full reel length.

Q) Can you cut a reel of tape into many different sections then connect them all together?

A) Yes, as long as you cut the tape at 5cm intervals highlighted.

Q) I have connected two reels together off one power supply and the LEDs are dim towards the end.

A) The power adaptor is only designed to operate the reel in the kit. Anything longer will seriously affect the performance.

Q) Can I connect the tape together to form a loop?

A) Yes, you can. This will even the brightness out on the LEDs across the reel length

Q) Can I use the tape outdoors?

A) Yes, the tape is IP65 rated. Ensure that the terminated ends are heat shrink protected.

Q) Can I clean the tape?

A) Yes, the tape is IP65 rated and has an epoxy coating. Just wipe down with a damp cloth regularly to ensure continuing brightness

Q) Can I replace / patch damaged tape with a new piece

A) Yes, just highlight the effected area by the 5cm intervals. Cut out the faulty section then fit in a new piece soldering the connections securely and using heat shrink to protect the repaired connection.

Specifications

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|-------------------------------|-------------|
| Voltage | 12Vdc |
| Current consumption per metre | 340mA/m |
| IP Rating | IP65 |
| LED type | SMD2835 |
| Beam angle | 130° - 150° |
| Cut Intervals | 5cm |
| Number of LEDs | 60/m |
| Packaging | Gift Box |

*Errors and omissions excepted.
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