



LED Connectable Rope Light 45m or 90m Drum  
Instruction Manual

**G603A** - Warm White (45m)

**G603B** - Cool White (45m)

**G603K** - Warm White (90m)

**G603L** - Cool White (90m)

This user information sheet forms part of the product and should be kept with the unit at all times. Should the unit be sold or moved on then the manual must be included. Please read these instructions carefully before use

#### **IMPORTANT INFORMATION AND DISCLAIMER**

230V LED Rope Light - Professional Installation Required

This 230V LED rope light is supplied on a roll and can be customized to fit your specific design needs using a set of accessories. It is intended for use by professionals or competent individuals to create bespoke lighting effects.

## **Important Notice:**

**Not a Finished Product:** This LED rope light is a component designed for custom installations. It is the responsibility of the installer to ensure that the final product meets all relevant legislation and standards.

**Installation Requirements:** The installer must provide the user with a comprehensive, professionally written manual detailing safe usage and maintenance of the product.

**Safety Testing:** A qualified electrician must test the completed installation before it is commissioned and handed over to the user.

By adhering to these guidelines, you can ensure a safe and effective installation of your LED rope light

## **OPERATION AND INSTALLATION GUIDE**

- 1) The rope light can be cut every 1m at the point marked on the rope light by a pair of scissors or broken line
- 2) The cut must be made by a sharp knife and at right angles to the rope. Incorrect cutting of the product can cause the final join to suffer from poor electrical connection which can lead to product failure
- 3) The product can be reconnected in various ways by using the connectors provided
- 4) All connections **MUST** be sealed with the heat shrink and connectors provided to make a permanent join. Failure to use the heat shrink may result in the ingress of water and/or the breaking of electrical connection leading to the possibility of electrical shock/product damage.
- 5) The rope is suitable for use outside but if any connections are to be mounted outside or are to be exposed to any form of weathering then these connections must be additionally weather proofed. The accessories supplied do **NOT** offer any form of IP rated protection.
- 6) The rope light should not be switched on while on the roll, in a tight coil or in very close proximity to other LED ropes. This can lead to overheating and damage to the product.
- 7) The maximum achievable curve is 75mm. A curve of less than 75mm may stress the PVC sheath lead to product damage and Electrical failure
- 8) The product should **NOT** be mounted using staples, nails or metal fixings which can cause damage to the plastic sheath. Cable ties can be used but must not be over tightened.
- 9) Only the connectors supplied are suitable for this product. Further accessories are available on request. The use of alternative connectors may lead to poor electrical contact and product damage/failure. A list of these appears on the foot of this document.
- 10) The maximum single length that can be run from one power supply is 90m.
- 11) The LED rope is polarity sensitive and will only work one way so if the product does not illuminate switch the contacts the other way by reversing the connection. To do this remove the power lead and rotate 180 Degrees and re-connect.
- 12) The 13A plug top is not waterproof. It must be kept dry and indoors at all times however it is however permissible to use it with an IP66 type enclose
- 13) Do not leave this product switched on while unattended
- 14) The installation must be periodically inspected for signs of damage. Particular attention should be given to make sure joins are secure and do not allow the ingress of water. If any is detected do not use. If water has found its way into the rope then it can not be remediated and must be replaced.
- 15) Only cut on the marked spaces

## OPERATION AND INSTALLATION GUIDE (CONTINUED)

### • Provided Accessories

In-Line Coupler

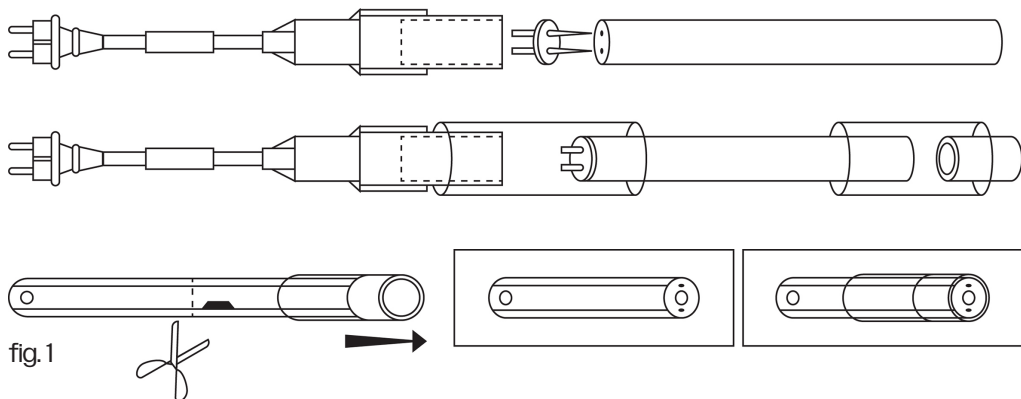


Mains Connector



End Cap

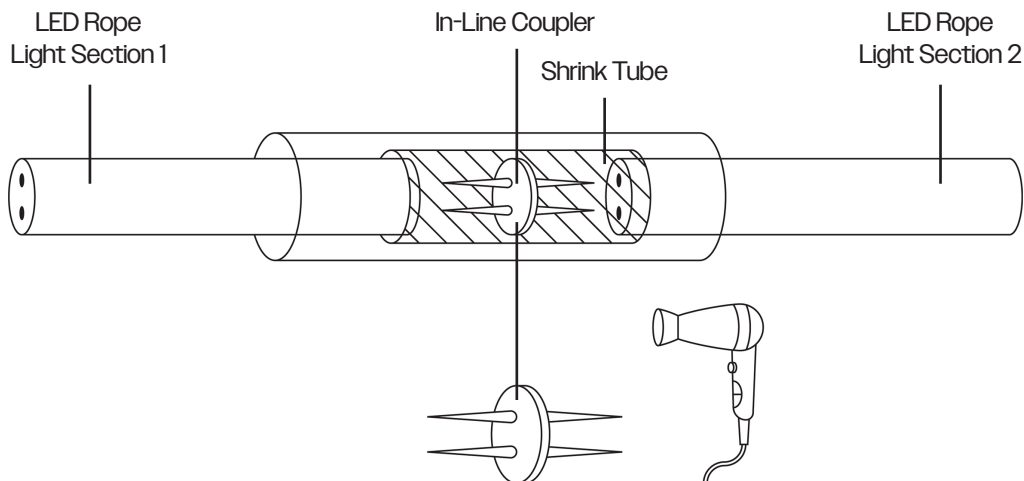
### • How to cut the Rope Light



- Only cut at the position where the cutting mark is printed (see fig. 1)
- Product can be cut at 1m intervals (as marked on rope light)

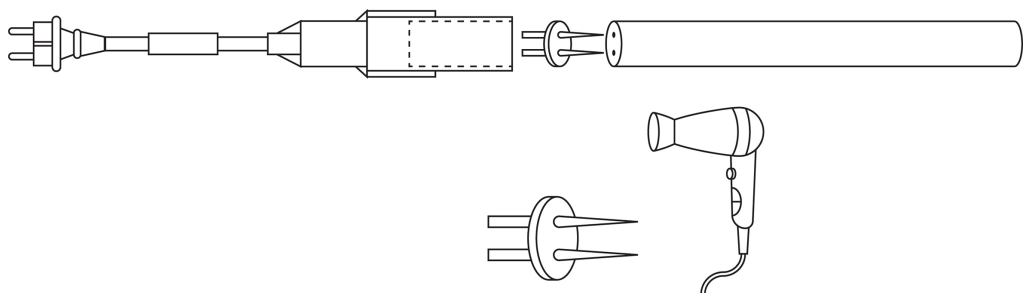
## OPERATION AND INSTALLATION GUIDE (CONTINUED)

### • Connecting 2 sections of Rope Light



- Cover the first section of rope light with the shrink tube
- Insert the in-line coupler
- Make sure '+' matches with '+' and '-' matches to '-' on both sections of rope light and join firmly
- Use a dryer to gently heat the shrink tube, connecting the 2 sections

### • Connecting the Mains Lead

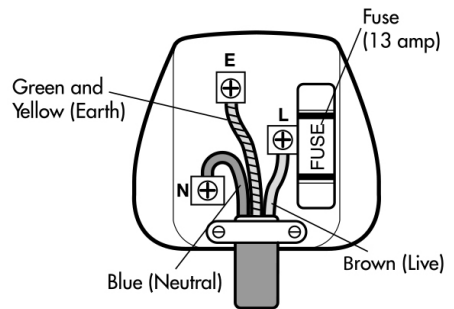


- Cover the rope light with the shrink tube
- Insert the in-line coupler and connect the mains lead
- Use a dryer to gently heat the shrink tube, connecting the rope light and the mains lead

## MAINTENANCE

Periodically check the product for LED failure and general damage. If any of the LED's have failed or the product is damaged in anyway switch off and disconnect from the mains supply. To clean the product, switch off and disconnect from the mains supply. Using a slightly damp cloth gently wipe over. Do not use bleach, solvent based cleaners or strong detergents. These may damage the product and invalidate the warranty.

- If the mains lead is damaged, it must be replaced by the manufacturer or an authorised service centre
- If the mains plug needs to be replaced, proceed as follows:
  - Connect the brown wire to the terminal labelled "L".
  - Connect the blue wire to the terminal labelled "N".
  - Make sure that the cord-grip is positioned correctly (over the outer sheath of the cable) and it is fully tightened.
- If the plug is fitted with a 13A or 5A fuse, replace it with a 3A fuse.



TECHNICAL SPECIFICATION

Voltage in.....	230Vac @ 50Hz
Voltage out.....	230Vdc
Power Consumption.....	3.5W/m
Tube Diameter.....	13mm
Number of LED's.....	36 Led per m
Max chain length.....	90m
Cutting length.....	Every 1m

ADDITIONAL ACCESSORIES (NOT INCLUDED)

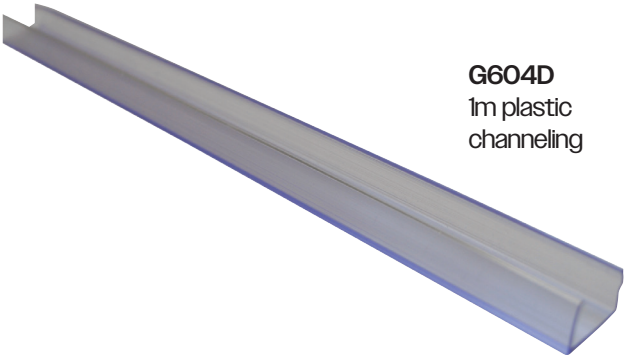
G604B  
In-Line Coupler



G604A  
Mains Connector



G604C  
End Cap



G604D  
1m plastic  
channeling



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