

# **FLEXOLED**

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## **FO1 DYNAMIC FLEXIBLE COLOUR STRIP**

**ORDER CODE: FLEXO1D**

## **USER MANUAL**

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## Installation

The FlexoLED F01 Dynamic Flexible Colour Strip must be powered using dedicated 12V power supplies, which are available with every strip. A single strip only needs 1 12V PSU per every 5 metres.

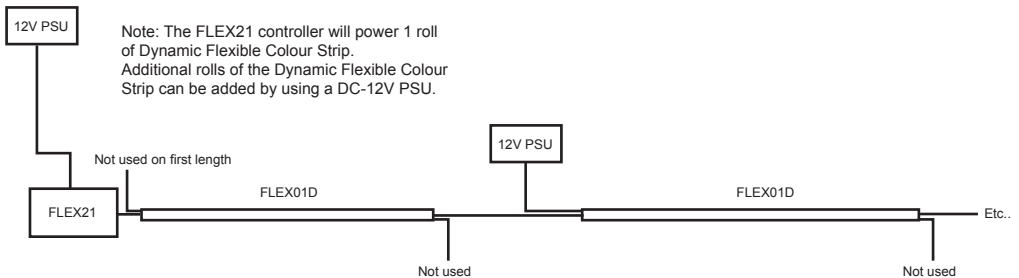
The Dynamic Flexible Colour Strip must be controlled using the FLEX21 controller.

- Before installation or maintenance, please ensure that the power is switched off at the mains.
- IP rating: IP-67
  - Note: All joints, end caps and connections must be sealed correctly to achieve the IP-67 rating.**
- Please ensure the polarity and all connections are correct before switching on the power supply.
- Working temperature : -25°C ~ +60°C.

## Installation instructions

- 1, Only a DC 12V power supply must be used with the Dynamic Flexible Colour Strip.
- 2, Please follow diagram A to connect the Dynamic Flexible Colour Strip together with the relevant accessories.

### Diagram A:



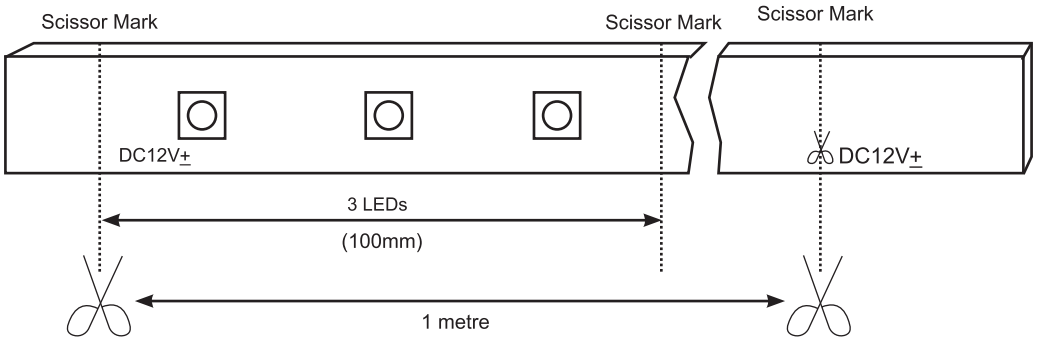
**Note: Up to 10 x 5M rolls of FLEX01D can be run from the FLEX21 controller.**

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## Installation

4, The Dynamic Flexible Colour Strip can be cut at the scissor mark printed on the tape. This is every 3 LEDs (100mm).



5, To join, extend or shorten your FlexoLED see above diagram.

- After cutting the colour strip to the required length, be sure to solder the wires in the correct order.
- Apply glue around the surface of the ends of the FlexoLED and joints. Apply glue to the inside of the end cap and slide it over to cover the joints. Using a heat gun gently apply heat until the end cap shrinks into place over the connections.

**Note: The glue must make contact with all surfaces of the joints and ensure that the rubber end cap completely covers the whole joint to achieve a IP-67 waterproof rating.**

### FlexoLED F01 Dynamic Flexible Colour Strip

Power Supply	DC 12V
Power Consumption	28W/5mtr
Min cutting length	100mm (3 LEDs)
SMD LED	150 LEDs/5mtr
Dimensions	16 x 5000mm

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