

ILC2

IN-LINE CONTROLLER FOR
SINGLE COLOUR LED TAPE

Item ref: 153.700UK

User Manual

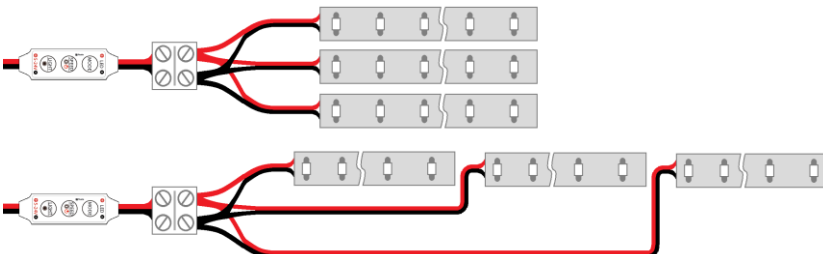


WARNING: This controller is intended for professional installation of single colour LED tape and should be connected by qualified personnel in accordance with electrical safety standards. Ensure that the rated load indicated is not exceeded.

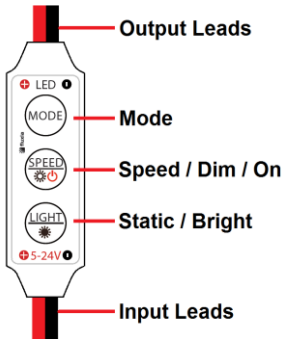
Installation

The ILC2 controller can be employed to control single colour LED tape operating from a 5-24Vdc power supply. Maximum short term current load is rated at 12A. For constant full power output, it is advised to limit this to 6A load.

For Fluxia single colour LED tape (153.705-153.718UK), it is recommended to connect no more than 3 x 5m tapes radially from the same controller. When connecting 5m tapes to make a longer run (up to 15m), it is advised to use bypass wiring instead of connecting end-to-end to avoid noticeable voltage drop at the furthest end from the power supply. Examples are shown below.



Controls



- To switch LEDs on or off, press and hold Speed/Dim/On button for 2 seconds
- Mode button steps through the 8 preset programmes in sequence (shown below)
- Pressing the Speed/Dim/On button in a pattern cycles through various speed settings (10 in total)
- Pressing the Static/Light button switches mode from pattern to static – repeated presses increase brightness
- Pressing Speed/Dim/On in static mode dims the LEDs

Preset	Name	Description
1	Random Glow	Fade in and out at random brightness & intervals
2	Regular Glow	Fade between fully on and off at a regular rate
3	Half Glow	Fade between fully on and half-on at a regular rate
4	Flicker	Flash on and off at a fast regular rate
5	Offset Flash	Flash on and off with pause at a regular rate
6	Even Flash	Flash on and off evenly at a regular rate
7	SOS	3 short - 3 long - 3 short Morse Code flash sequence
8	Strobe	Very short burst at regular intervals

Specifications

Power supply (input/output)	5-24Vdc, 12A max (short term)
Lead length (input/output)	100mm
Controller dimensions	42 x 13 x 5mm
Weight	7.2g

*Errors and omissions excepted.
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