Colour Change Flexible LED User Data

RGBW	RGB	RGBA
RGBW (White 3000k-6000k)	RGB	RGBA (Amber 592nm)
4 Channel	3 Channel	4 Channel
< 1,440lm/M	< 1,080lm/M	< 1,440lm at source
19.2W/M	14.4W/M	19.2W/M
24V CV	24V CV	24V CV
SMD5050 60LED/M	SMD5050 60LED/M	SMD5050 60LED/M
IP20 Ingress Protection	IP20 Ingress Protection	IP20 Ingress Protection
5000 x 12 x 2.15mm (L) x (W) x (D)	5000 x 12 x 2.15mm (L) x (W) x (D)	5000 x 12 x 2.15mm (L) x (W) x (D)
100mm Cutting Points	100mm Cutting Points	100mm Cutting Points
-10ºc / +40ºc Operating Temp	-10ºc / +40ºc Operating Temp	-10ºc / +40ºc Operating Temp
Cooling System: Convection	Cooling System: Convection	Cooling System: Convection

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More Options

IP67 Silicon Sleeving

5000 x 14 x 4mm
(L) x (W) x (D)

**Wider Range of LED
Availble To Order**

Compatible DMX Drivers

Powers
15M

LED Outputs
2

Max per Output
-

DMX Channels
1 - 8

Powers
30M

LED Outputs
2

Max per Output
15M

DMX Channels
1 - 8

Powers
60M

LED Outputs
4

Max per Output
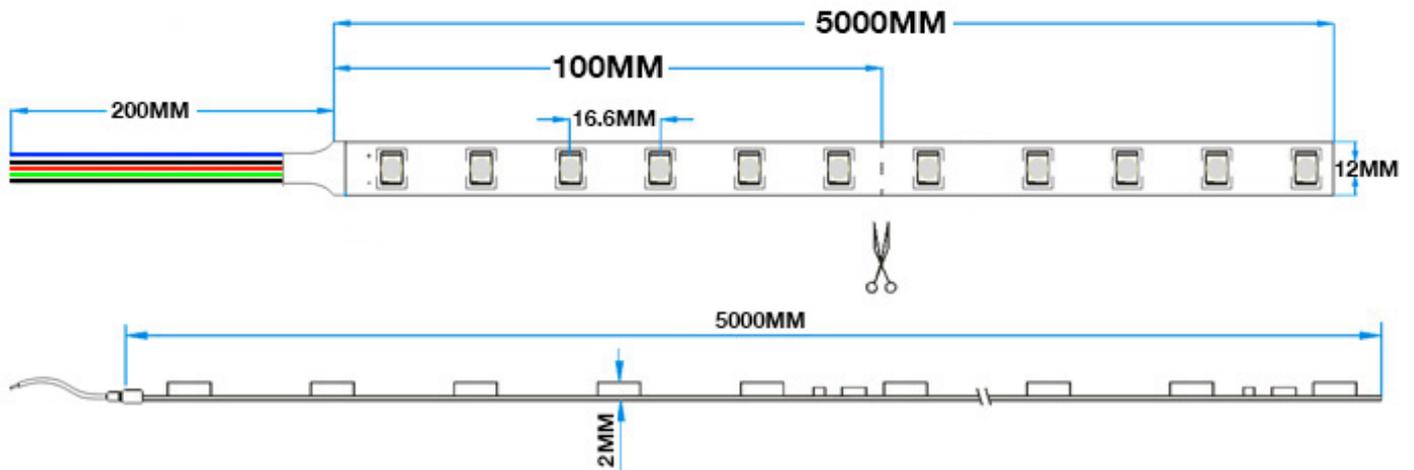15M

DMX Channels
1 - 16

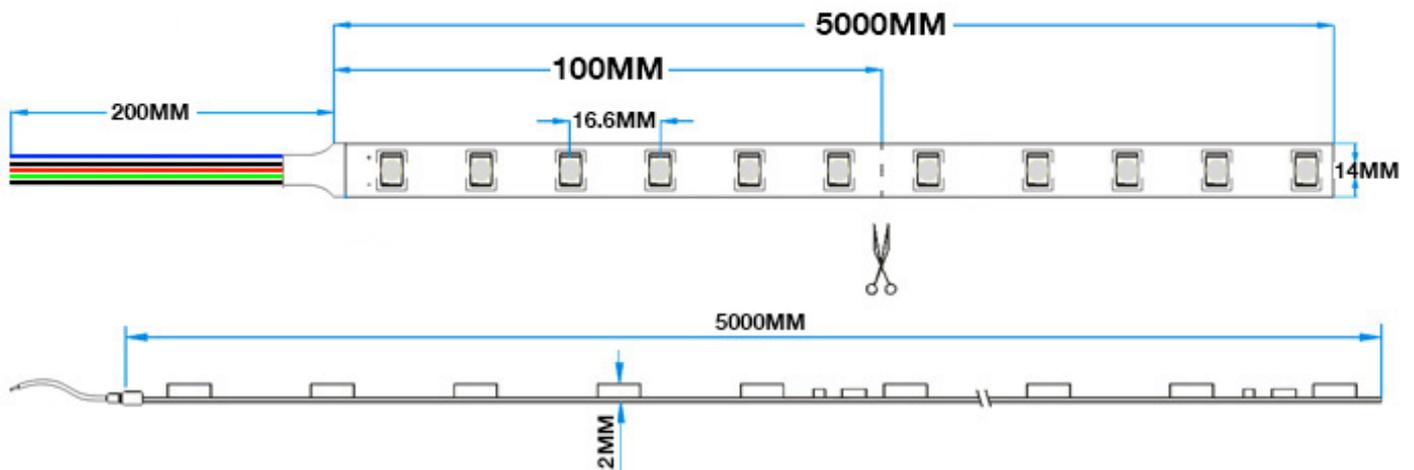Powers
120M

LED Outputs
8

Max per Output
15M

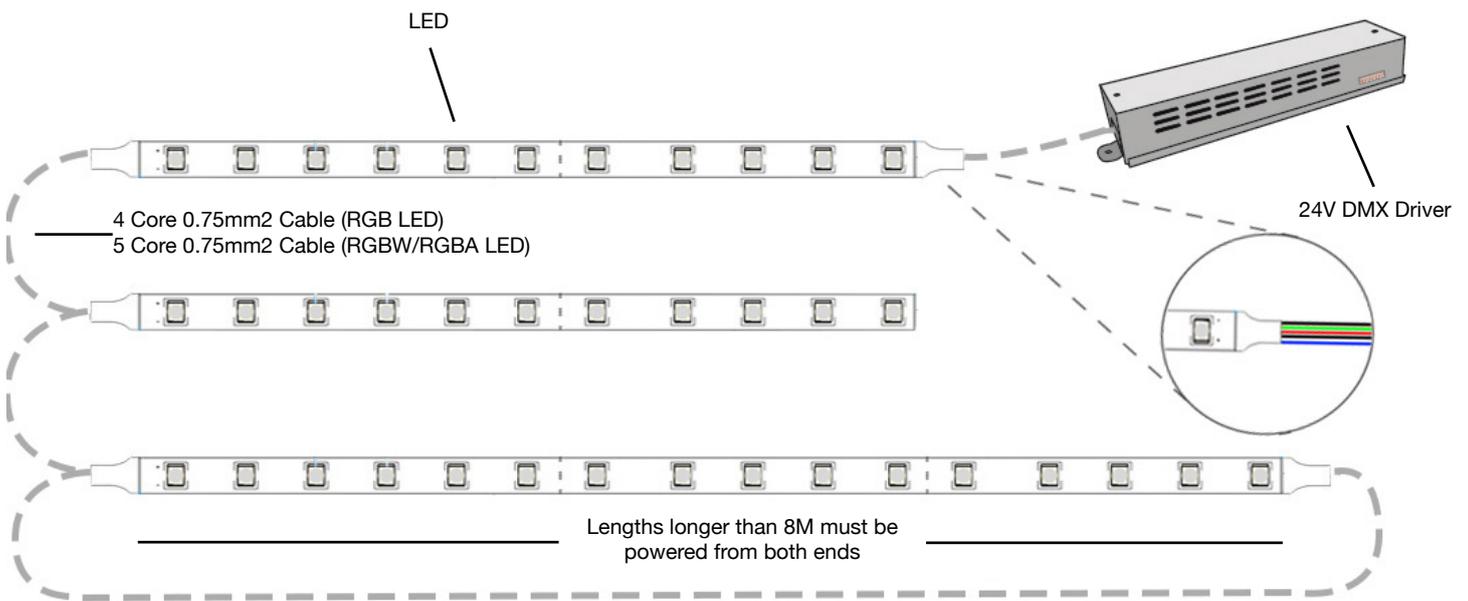DMX Channels
1 - 32

Colour Change Flexible LED User Data

IP20 Dimensions

IP67 Dimensions

Colour Change Flexible LED System Wiring

LED

24V DMX Driver

4 Core 0.75mm2 Cable (RGB LED)
5 Core 0.75mm2 Cable (RGBW/RGBA LED)

Lengths longer than 8M must be
powered from both ends

WARNING! Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty. These instruction are to be used in addition to the Driver manuals.

IMPORTANT

All work involving electrical components should be carried out by a competent qualified electrical professional in accordance to IET BS 7671 and any local by-laws.

Installation instructions are for the installation of this product with the manufacturer's compatible recommended DMX drivers.

All mains power **MUST** be turned off before starting installation or maintenance; and **MUST** remain off for the duration of installation or maintenance.

Equipment may become hot to the touch when used for periods of time. Ensure equipment is off and cooled before carrying out maintenance.

The total combined length of colour change flexible LED connected to any single 'LED' output **MUST NOT EXCEED 15M**.

Any continuous lengths of LED exceeding 8M **MUST** be powered from both ends, as per wiring diagram.

TESTING

You should test each length of LED in isolation before continuing installation.

1. Disconnect the Driver from mains power.

2. Connect length of LED to the 'LED' socket of the Driver in isolation.

3. Power up the Driver.

4. Press 'ENT' continuously to select RED, GREEN, BLUE and WHITE.

5. Repeat steps 1 to 4, for each length of LED.

If each length lights up and displays each colour you can continue with your installation.

If a length does not light up or display each colour please contact us for help. Do not continue your installation.

INSTALLATION

Ensure you have carried out the testing before installation.

1. Cut or solder LED to desired length using the designated cutting and soldering points.

2. Disconnect the Driver from mains power.

3. Connect LED to LED socket, ensuring that the colours are connected to the correct poles.

4. Additional lengths can be connected to the same LED output in parallel, ensuring you do not exceed a total length of 15M on any single LED output.

5. Repeat steps 1 - 4 for each length of LED.

Wiring

Pin	Function	Wire
1 -	White - / Amber -	White
2 -	Blue -	Blue
3 -	Red -	Red
4 -	Green -	Green
5 -	24V	Black