Single Colour Flexible LED User Data

Product Code:	Product Code:
MF-SP-XX	**MF-HP-XX**
(R,G,B,A,W)	(R,G,B,A,W)
1 Channel	1 Channel
4.8W/M	14.4W/M
24V CV	24V CV
SMD3528 60LED/M	SMD5050 60LED/M
IP20 Ingress Protection	IP20 Ingress Protection
5000 x 8 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
-10ºc / +40ºc Operating Temp	-10ºc / +40ºc Operating Temp
Cooling System: Convection	Cooling System: Convection

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More Options

IP67 Silicon Sleeving

Product Code Suffix:
XX-HP-XX-IP

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

Wider Range of LED
Availble To Order

Compatible DMX Drivers

Product Code: QD-75 SP/HP	Product Code: QD-150 SP/HP	Product Code: QD-320 SP/HP	Product Code: QD-640 SP/HP
Powers 15M / 5M	Powers 30M / 10M	Powers 60M / 20M	Powers 120M / 40M
LED Outputs 2	LED Outputs 2	LED Outputs 4	LED Outputs 8
Max per Output -	Max per Output 15M / 5M	Max per Output 15M / 5M	Max per Output 15M / 5M
DMX Channels 1 - 8	DMX Channels 1 - 8	DMX Channels 1 - 16	DMX Channels 1 - 32

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IP20 Dimensions

200MM
5000MM
100MM
16.6MM
12MM
5000MM
2MM

IP67 Dimensions

200MM
5000MM
100MM
16.6MM
14MM
5000MM
2MM

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LED

2 Core 0.75mm2 Cable

24V DMX Driver
or Switchabe PSU

Lengths longer than 5M must be
powered from both ends
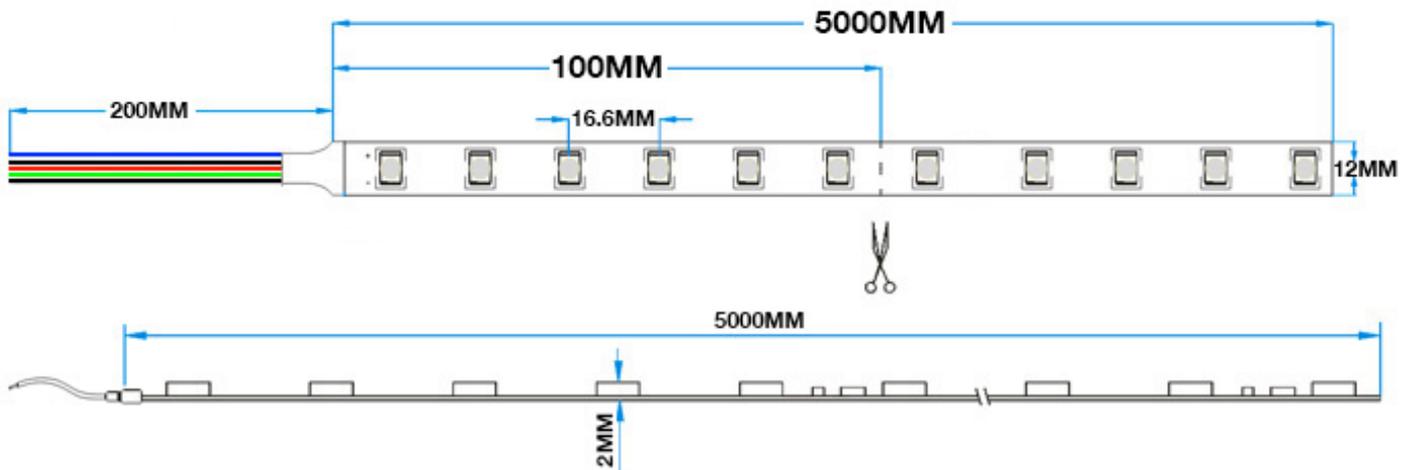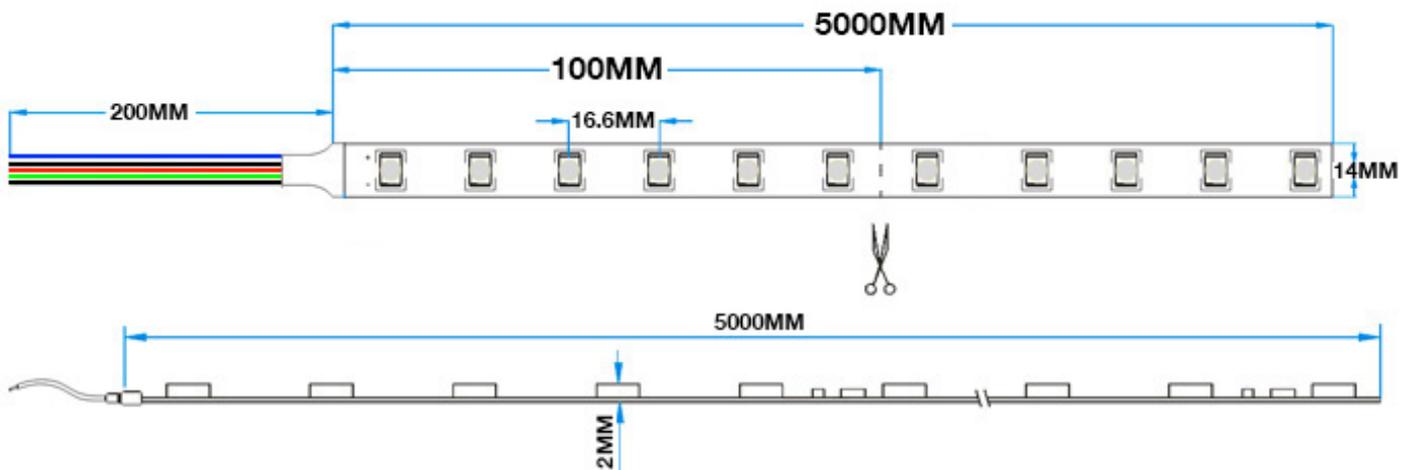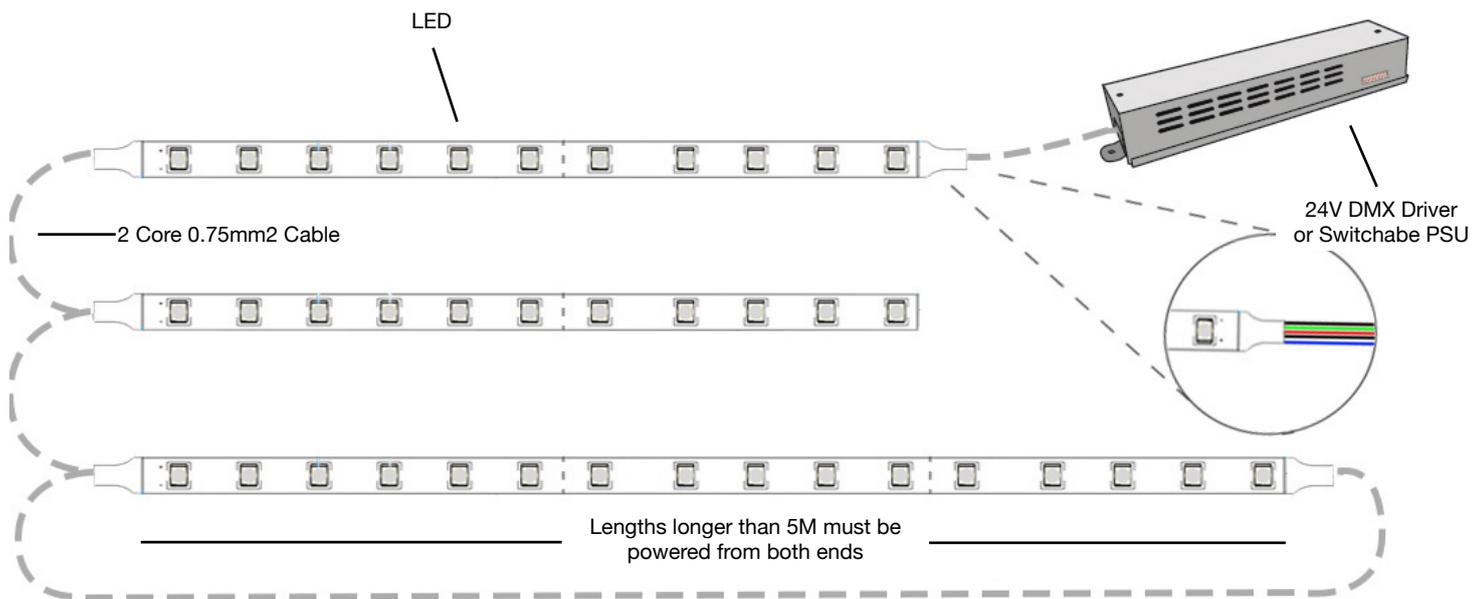
WARNING! Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty. These instruction are to be used in addition to the Driver manuals.

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 wattage of any colour change flexible LED connected to any single 'LED' output of DMX driver **MUST NOT EXCEED 75W or MUST NOT EXCEED** the PSU's power rating.

Any continuous lengths of LED exceeding 5M **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 or switchable PSU in isolation.

3. Power up the Driver.

4. DMX Drive: Press 'ENT' until you select channel that the length of LED is wired into.

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

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

If a length does not light up 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 the PSU's rated power.

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

Pin	Wiring Function	Wire
1/2/3/4 -	GND -	Black
5 -	24V	Red

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