

# Single Colour Flexible LED User Data



## Standard Power **SP**

(R,G,B,A,W)

1 Channel

4.8W/M

24V CV

SMD3528  
60LED/M

IP20  
Ingress Protection

5000 x 8 x 2.15mm  
(L) x (W) x (D)

100mm  
Cutting Points

-10°C / +40°C  
Operating Temp

Cooling System:  
Convection



## High Power **HP**

(R,G,B,A,W)

1 Channel

14.4W/M

24V CV

SMD5050  
60LED/M

IP20  
Ingress Protection

5000 x 12 x 2.15mm  
(L) x (W) x (D)

100mm  
Cutting Points

-10°C / +40°C  
Operating Temp

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  
Available To Order

## Compatible DMX Drivers



SP/HP

Powers  
**15M / 5M**

LED Outputs  
2

Max per Output  
-

DMX Channels  
1 - 8



SP/HP

Powers  
**30M / 10M**

LED Outputs  
2

Max per Output  
15M / 5M

DMX Channels  
1 - 8



SP/HP

Powers  
**60M / 20M**

LED Outputs  
4

Max per Output  
15M / 5M

DMX Channels  
1 - 16



SP/HP

Powers  
**120M / 40M**

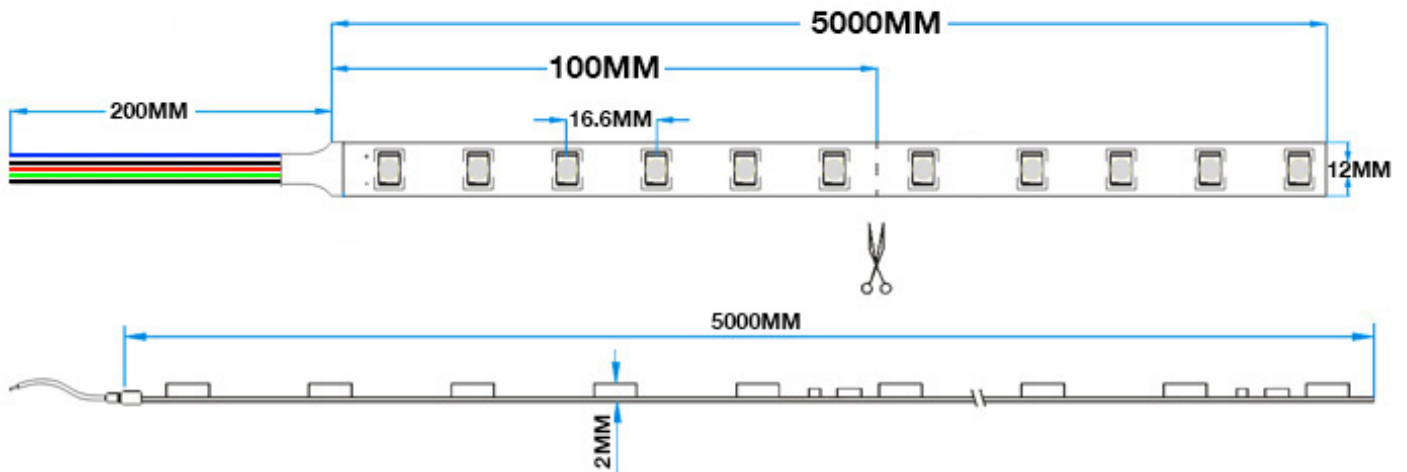
LED Outputs  
8

Max per Output  
15M / 5M

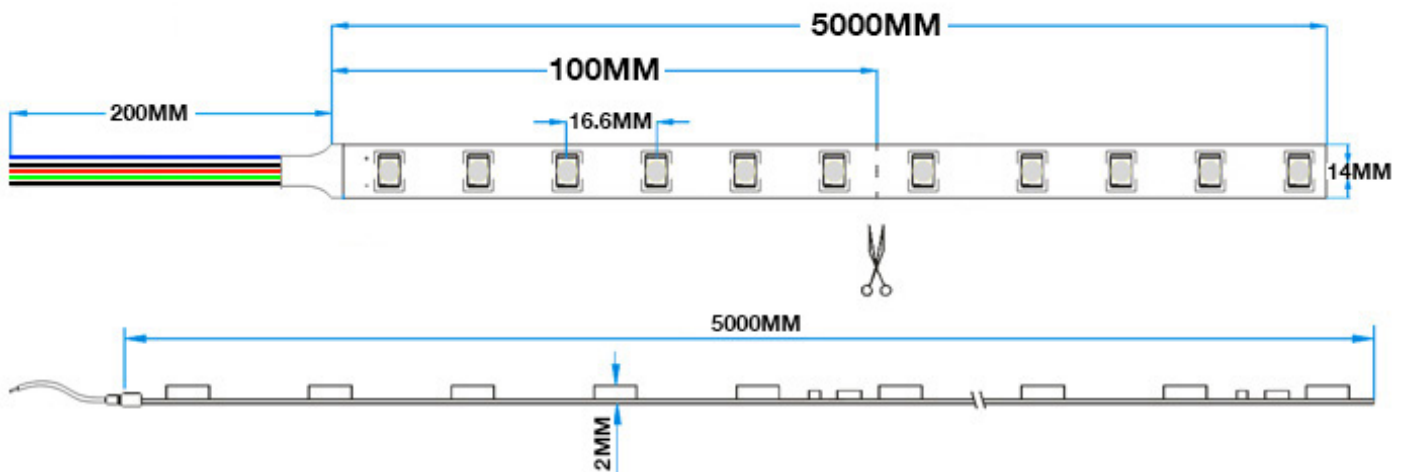
DMX Channels  
1 - 32

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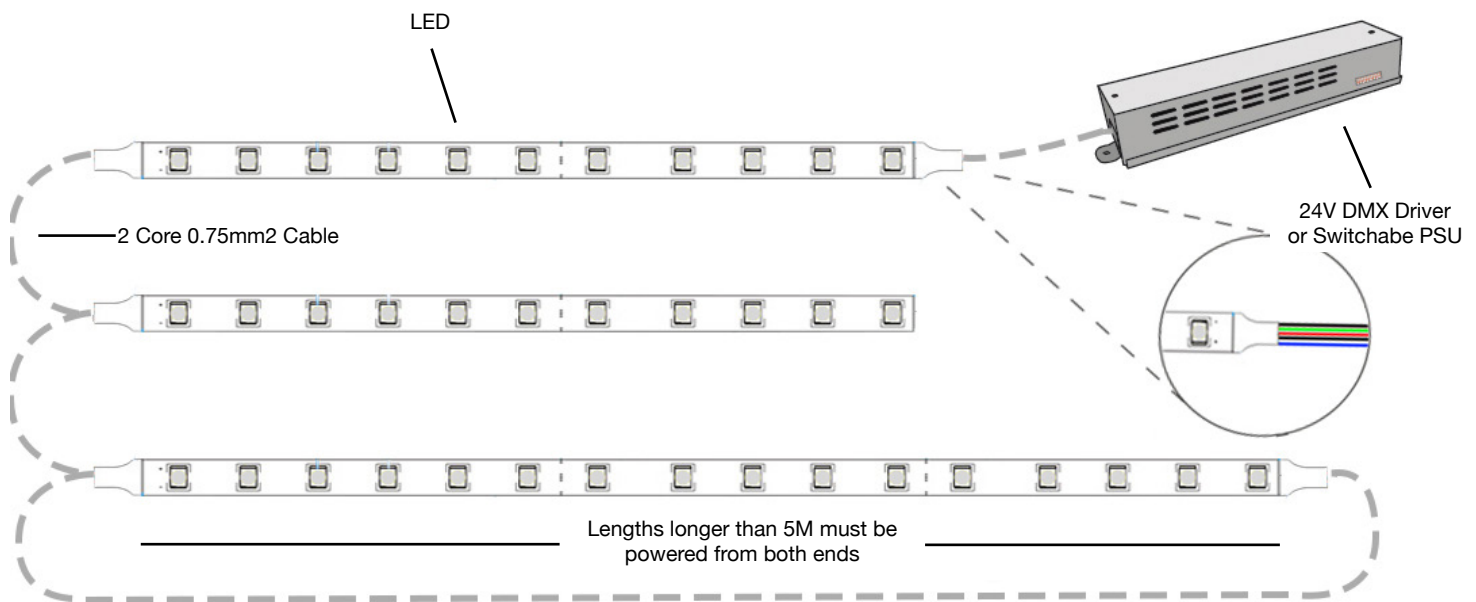
## IP20 Dimensions



## IP67 Dimensions



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**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 instructions 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.

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

