



## USB LED Strip Light-White

The 5v USB led light strip is an economic and flexible way of producing light projects. The LED's are surprisingly very bright and can be powered by any product that has a USB port or can be used from a mobile phone mains charger. Each strip comes in 1 metre lengths and can be cut individually right down to 1 LED that will work just as well on a 5v supply. Each strip comes with 6 USB open ended cables that needs to be soldered to each strip used. This allows 6 students to utilise a 1 metre strip with 10 LED's each, enough to design a range of projects. Each strip, no matter what length, has a maximum input of 5 volts and has a sticky backing that you peel off and will stick to most materials including card, acrylic, metal and wood.

### Specification LED Strip

- DC5V SMD3528 IP20
- Colour of PCB: White
- Brightness: 5-7LM/LED
- LED Chip: SMD 3528
- Power: 9.6W/M
- Beam Angle: 120 degree
- LEDs: Number per Metre 57
- Waterproof: No

### Kit Contents:

x1 1 metre Led strip  
x6 850mm USB cables  
x6 cable ties  
x1 data sheet

# Using the LED Strip

## Assembly tips:

The LED strip may be cut to fit into installations if necessary. Cutting marks are printed on the strip and must be adhered to. Solder connection should only be performed on designated solder pads on the strip. During soldering, do not exceed the maximum soldering temperature of 260 Celsius degrees and the soldering time of 10 seconds.

There is a double-sided adhesive tape attached to the back of the strips. Care must be taken to provide a clean and dry mounting surface when mounting the strips. The mounting substrate must have sufficient structural integrity. Take care to completely remove the adhesive backing. Once the strip is appropriately positioned, press on the strip with and make sure all parts stick.

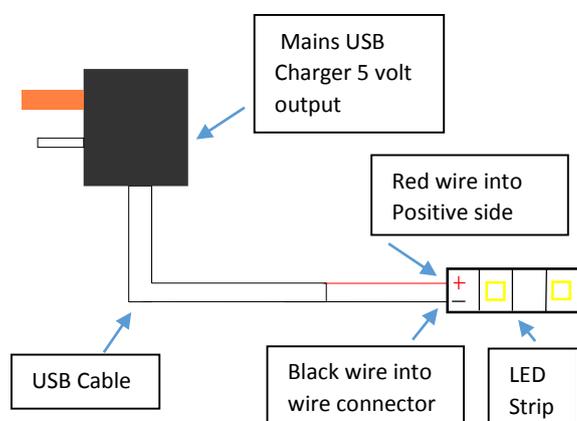
## Safety tips:

The conducting paths on the flexible PC board must be not damaged during assembly. The strip and all components on it must not be mechanically stressed. The strip may be curved around small radii provided there are no LED components on the bend and the force does not crease the strip. The strip should be secured down immediately to avoid fatigue and breakage.

Correct electrical polarity needs to be observed, wrong polarity may destroy the strip.

Please ensure that the power supply is adaptable power to operate the total load.

Connecting the strip



SMD LED SIZE

