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If you're an ablaze decorator who ever used LED lights, you probably must have come across various pliable strips built with top LEDâ€™s. The flexibility of bending makes many designing themes achievable. However, most of these lights require environments that are not humid. Use of high-quality and high-power LED as a light source ensures its environmental protection, high efficiency and long life.

The light sources for LED lights are usually SMD 3528 LED strips and 5050 waterproof LED strips. The brightness of each of these strips is different. 5050 waterproof LED strips are brighter than SMD 3528 LED strips.

No mercury, poisonous gases, no ultraviolet rays, no glint conducive to human health is used. Green, light-efficient, energy saving, small in size and are light weight. Dimming is designed based on technology of frequency and peak Current Modulation, which is perfectly providing even and stable dimming function ranged from 5% to 100% of full LUMINOUS FLUX compatible with 99% of existing dimmers in the market all around the world including LUTRON, OSRAM, TCL, etc.

Complete protections covering short-circuit protection, over current protection and over power protection. The driver is using cutting-edge scheme of constant current circuit which is highly reliable and ensures lifespan of over 50,000 hours. Accredited electricians should provide all installation services for association of both basic and secondary power supplies. During installation, do not damage the printed circuit. Revealed wires can cause a short circuit and can damage the product and can create a serious jeopardy. Make sure that connection points are sealed with non-conductive electrical material.

Electric potential must not exceed 12VDC and must be modulated. The voltage is printed in all 3 LEDS. Check out that it is the correct voltage before applying power for professional and commercial use. Power source must be able to provide adequate power for operating load. Keep out of the reach of children. This is not a fiddle. Stable electricity can harm LEDS. Keep away from inflammable material(s). Do not install on flammable material. Carefully check that there is no wire crossover or any possibility of it in the future. Scrutinize installation after one hour and on a regular basis thereafter. Keep Flex strip spaced 1â€• apart with adequate cooling provisions. Not for use in mission critical applications such as, aircraft or life saving equipment. Connection soldering can be made on selected soldering area 50 cm (19.7â€•). The light and all its elements cannot be automatically pressed.

Maximum soldering temperature of the strips cannot exceed 250 degree Celsius, for a maximum of 4 seconds at marked solder points. LED Flex band may be warm to touch when powered. Power source must have protective covering to avoid short circuit, overload and overheat. Do not switch on the power, when on roll. Lighting must be installed in a linear line. Do not curl or twist when the strip's power is on. Roll out completely before applying power. Product may overheat if power is applied when rolled. Do not install these lights on walls. These lights are for fixed use only and are not subjected to any kind of movement.

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Lightled Strips - About Author:
With Lightledstrips, you can shop for high quality Flexible LED strips with low price directly from our LED manufacturer. Flexible LED Strips adopt low voltage with super bright LED light source like a SMD 3528 led strip and SMD a 5050 waterproof led strip.

Article Keywords:
SMD 3528 led strip, 5050 waterproof led strip, LED Strips, Smd 5050, Smd 3528

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