





Our Mission

Bright Solution, Witop Illumination



Our Vision

Become the leading provider of
Digital lights



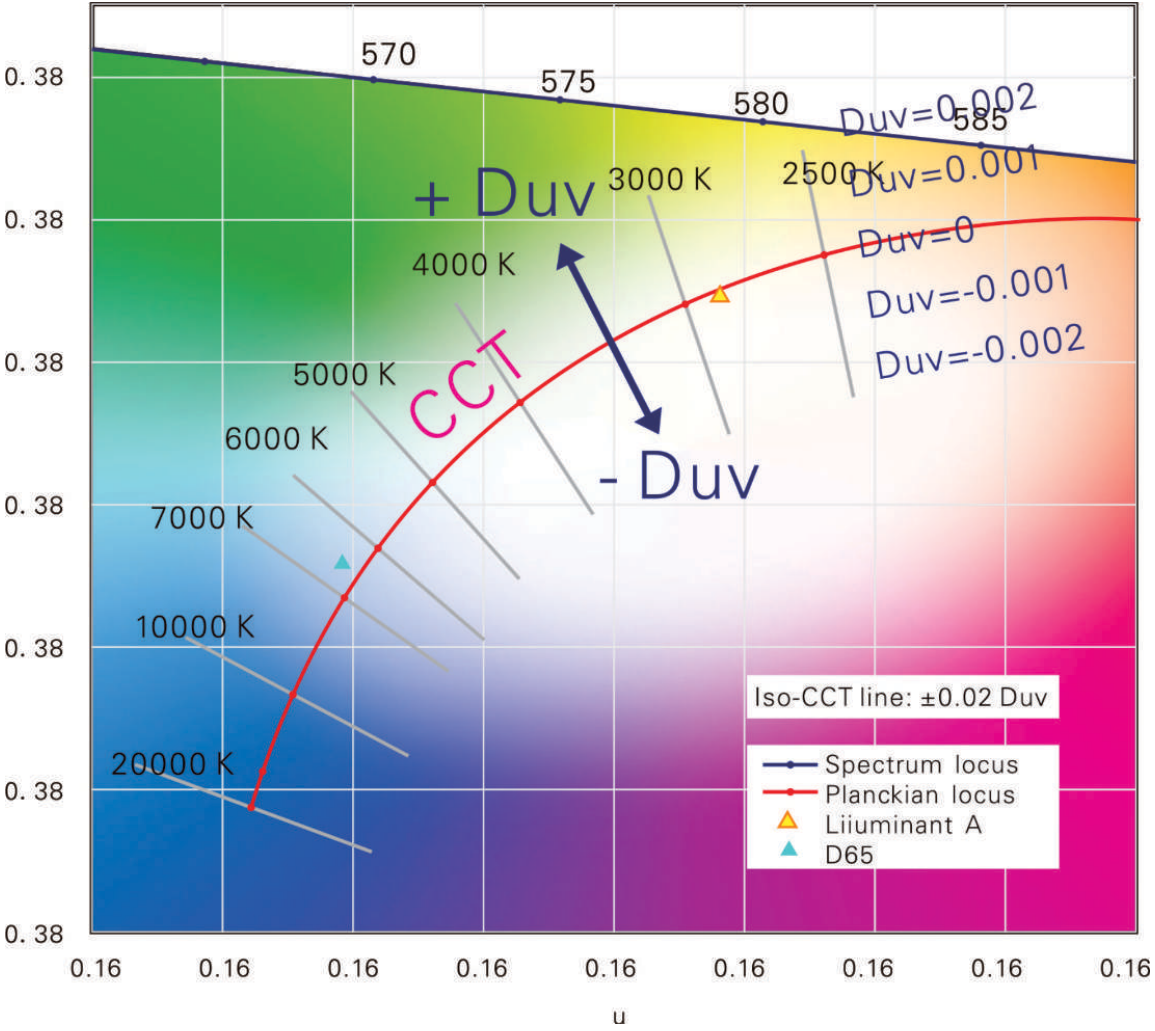
Our Values

Teamwork, Integrity, Passion,
Dedication.

SMD LED STRIP

SMD LEDs stand for Surface Mount Device and Light Emitting Diode. The combination of these letters indicate electronic components made up of LED modules that are mounted directly on the one side of the PCB-printed circuit board. This is known as SMT-surface mount technology. The SMD LED strips offer a wider range of color temperature options, catering to diverse lighting needs. Also they are known for their durability and long lifespan, making them suitable for applications that require ruggedness and longevity.

DUV



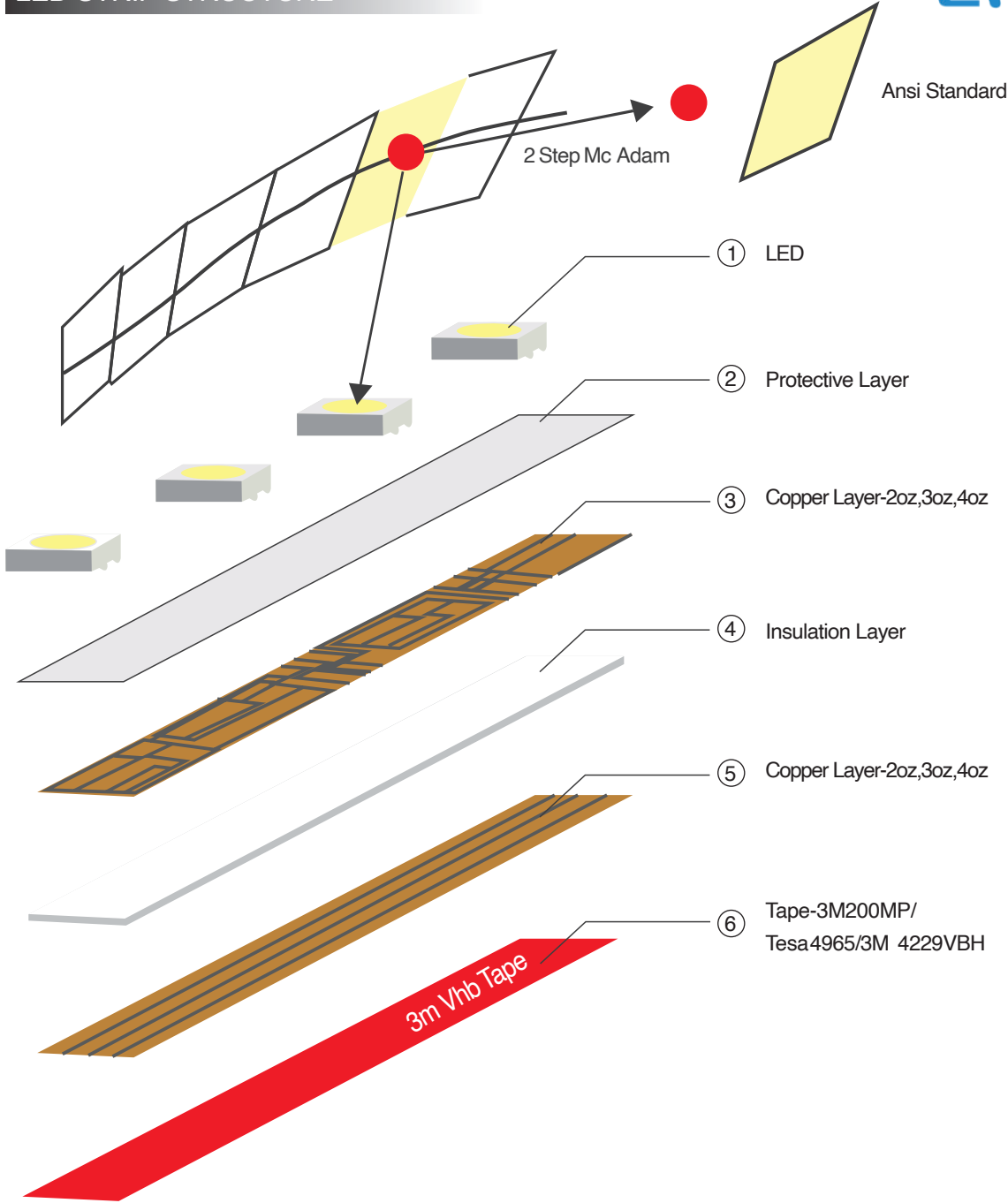
We understand it as Judging color differences by Specific number.
The DUV number more close to zero means idea color reality.

RA



The difference in the performance of the light source can be described by the color index. This index is defined by the international commission on illumination (CIE) as a visual representation of 15 specified test colors under specific radiant light sources. Number the 15 test colors from 1 to 15, and use R1-R15 to represent the index of these 15 colors. When comparing a light source with a specified reference source, an index of 100 is best.

LED STRIP STRUCTURE



● FULLCOLOR



DAYLIGHT

5000K-6000K



7000K

COOL WHITE

6000K

SUNRISE-SUNSET

2000K-3000K



4000K

WARM WHITE

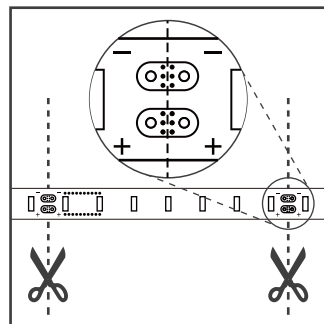
3000K

NEUTRAL WHITE

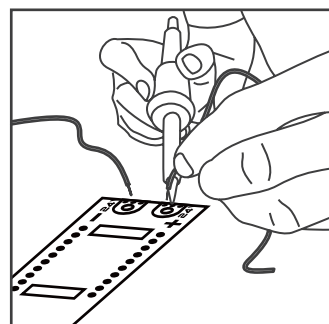
LED STRIPS INSTALLATION GUIDE



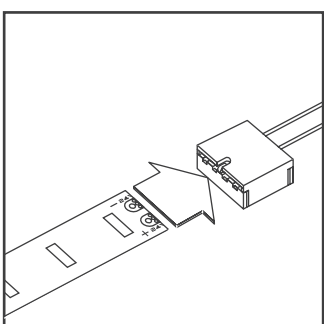
- ① Dry the position to be flat and smooth before putting on the strips.



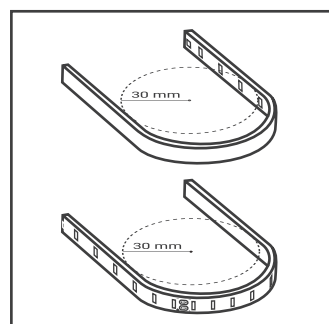
- ② LED tape can be cut only between soldering pads.



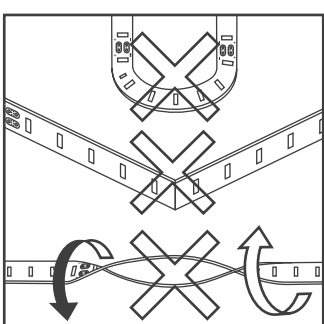
- ③ Solder wires on soldering pads (label +/-). The solder temperature may not exceed 330 for maximum duration of 2 seconds.



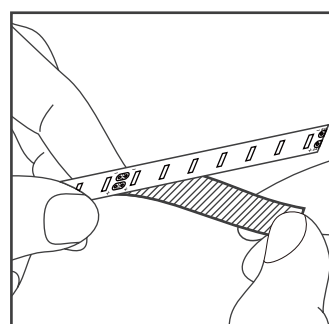
- ④ You can also connect strips using LED tape connectors.



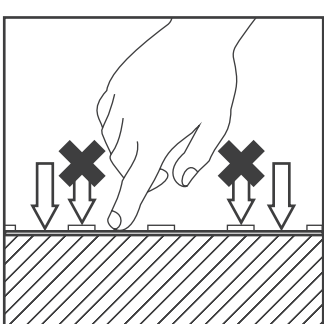
- ⑤ LED tapes are bendable. Minimum bend radius is 5 mm.



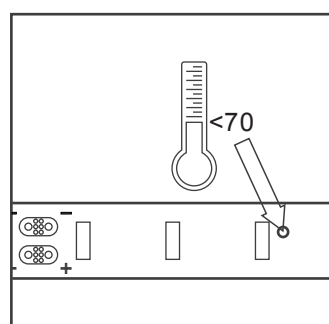
- ⑥ LED tapes cannot be bent or twisted in the demonstrated directions.



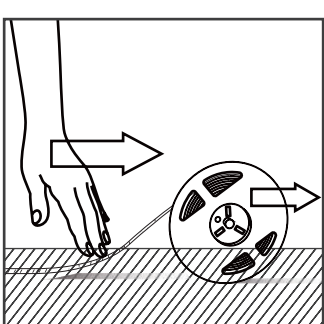
- ⑦ Remove the adhesive tape from the back side of the LED tape.



- ⑧ Press the LED tape gently between electronic components to stick it to the surface. Avoid pressing electronic components.



- ⑨ LED tapes must be installed on aluminum (or material with similar thermal conduction) to avoid LEDs overheating and ensure proper heat dissipation. Measure TC temperature after 30 minutes of operation. TC temperature should not exceed 60-70°C.

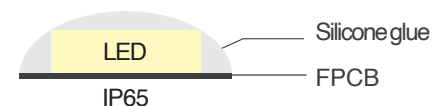


- ⑩ Keep the LED tape on the reel while applying it onto the surface. Remove the adhesive tape and apply the tape while unrolling the reel at the same time.

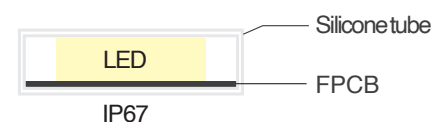
WATERPROOF TECHNOLOGY



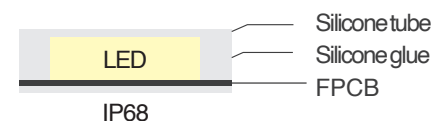
naked strip
applicable to dry environment



gel coating
applicable to damp environment

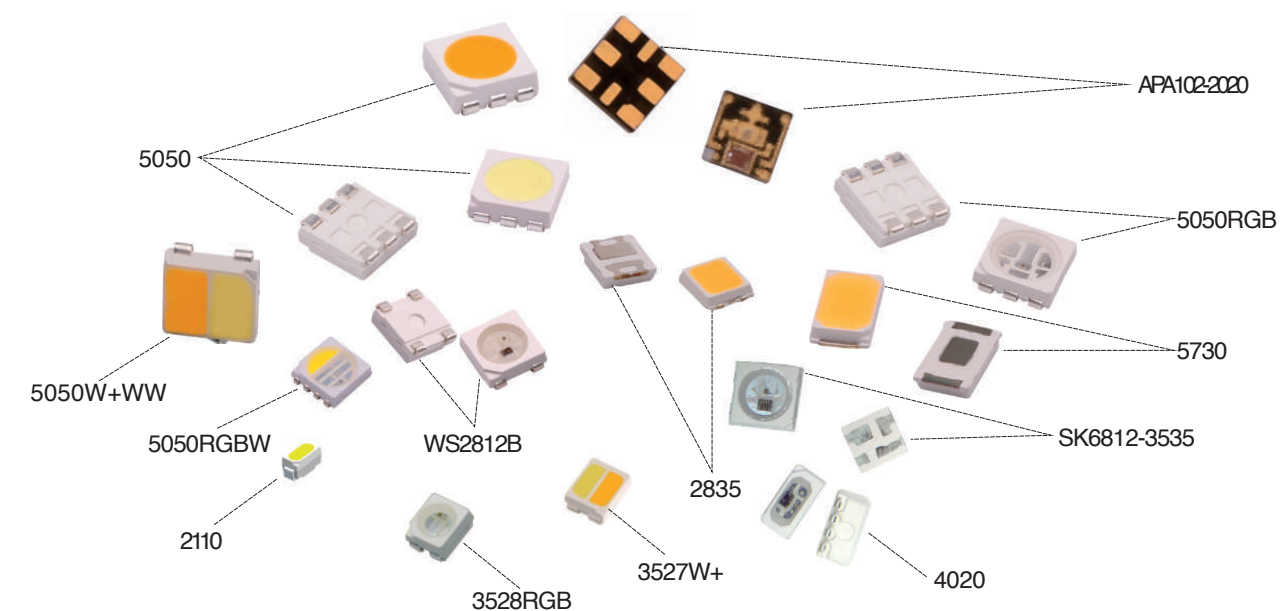


silicone tube
applicable to water environment



silicone filling
underwater 1 Meter deep, 30 minutes

TYPE OF LED



Pixel LED Strip

Pixel LED Strip, is also called addressable led strip, digital led strip, magic led strip, or dream color led strip. It is a led strip with IC that allow you to control individual LED (or each group) on the strip separately, giving you the ability to create dynamic lighting effects and patterns. The strips use SPI (Serial Peripheral Interface) protocol. It is a synchronous serial communication interface.

DMX512LED Strip

DMX512LED strips use DMX512(Digital Multipixel) protocol, to address each section of LEDs to be programmed to the users preference. It is a digital communication network used to control a wide range of devices, including LED strips. The best advantage of the DMX512LED light strip is that you can easily control up to 512 single color lights through one DMX channel.

Pixel Panel& Ring

The pixel panel and Ring are made of flexible led strip.Both with IC that allow you to control individual LED (or each group) on the light separately, Witop cutting-edge Flexible Pixel Screens and Halo Ring Lights (Angel Eyes)—adynamic duo designed for creativity, branding, and immersive lighting.

DIY FLEX Sheet

Flex sheet is a fully modular way to backlight your display and signage. Easily trim to shape using the on-board trim lines and create complex layouts for most applications. With intuitive, plug and play connections; setting up is fast, simple and safe, reducing installation time and expense. Flex Sheet is also daisy-chain linkable for larger scale projects with optical options available to increase the spread of light.

Single Color

The single-color LED strip lights feature a constant voltage, cost-efficiently, high quality, high density, high efficacy, high CRI (white LED only), with along lifespan. They come in various colors, sizes, densities, lengths, luminous efficiency and weatherproof ratings to match any indoor or outdoor needs.

SMD Tunable White

Tunable white LED strip light, adjustable color temperature LED strip, or CCT changeable strip lights. All of these refer to LED strip light that can be adjusted to variable color temperature of white from 1800K to 6500k or from 2700k to 6500K color temperature. Adjusting color temperature and light effect is achieved through a remote or wired tunable white LED controller or DMX controller.

SMD RGB RGBW RGBCW

There are a huge amount of colour changing LED strip lights including RGB, RGBW and RGBCW LED tapes. They're designed to provide high quality linear lighting for a wide variety of applications.