Flexible LED Strip

USER MANUAL
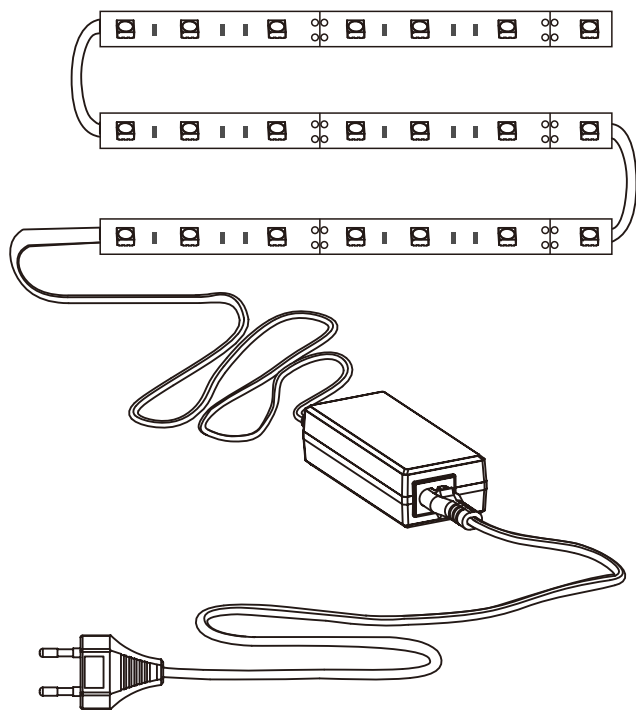
ISO9001:2015 CE RoHS

IMPORTANT INSTRUCTIONS

12V/24V DC Power

STATIC ELECTRICITY CAN DAMAGE PRODUCT

🚫 Never Nail or use Staples

🚫 Never apply weights or walk on strips

🚫 Only power with 12V/24VDC Class 2 Power Source

🚫 Apply to surface at room temperature. Keep away from flammable materials. Surface temperature MAX 40°C (104°F). Don't install under, above or near heat sources (i.e. stoves, fireplaces)

Safety & Warnings

Please read instructions before using product and **SAVE THESE INSTRUCTION**. Before using this product make sure you have right color, product(item number) and voltage(printed on product). Check for possibility of damage during shipping. If damaged, or wrong product, **do not use**.
Disconnect power before installing or using.
Use only with Class 2 Type power supply. Using with any other type of power supply will void the limited warranty.

⚠ WARNING

- Do not disassemble or modify the module and touch LED surface with sharp stuff.
- Turn power off before installing the strips.
- Forbid using any acid and alkali adhesive or glue to fix the product.

maximum band radius 4"   ✖ Wrong!

4" (100mm) ✓   On widest one flat plane (only) Do not bend sideways. Flexible on one axis

☞ CAUTION - HANDLE FLEXIBLE LED STRIPS CAREFULLY TO AVOID DAMAGING THE LEDS AND/OR COMPONENTS ON THE TAPE, ESPECIALLY WHEN INSTALLING INTO ALUMINUM CHANNELS!

☞ DO NOT USE HAMMERS, SCREWDRIVERS, PENS, PENCILS, OR ANY SHARP OBJECT TO INSTALL TAPES INTO ALUMINUM CHANNEL!

☞ PHYSICAL DAMAGE TO THE TAPE IS NOT COVERED UNDER WARRANTY.

Malfunction & Solution Table

Malfunction & Solution Table for Flex Strips		
Malfunctions	Possible Causes	Solutions
None LED works	1. Power supply doesn't get primary power.	Power on.
	2. Power supply Plug is connected wrongly.	Connected it to the power again.
	3. Power supply is switched off.	Switch on power supply.
LEDs blinking	1. Intermittent connections.	Find the intermittent points and remove any malfuntions.

Specification

Input Voltage(V):	AC 100~240
Working Voltage(V):	DC 12V/24V(See print on PCB)
Operating Temperature(℃[℉]):	-25 60[-13~140]
Storage Temperature(℃[℉]):	-40 70[-40~158]

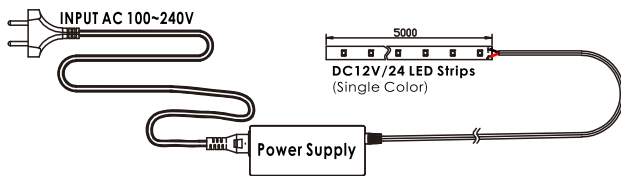## Dimension and Connection illustration

INSTALLATION PLANNING

LED Flex strip is a versatile lighting product that can provide a superior lighting solution in a variety of application.
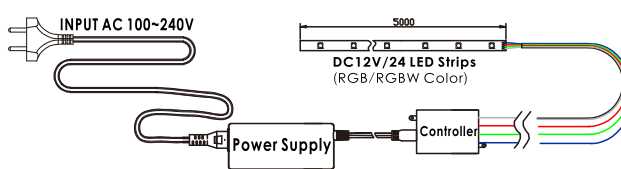
Recommend design steps before starting the installation process:

General questions based on lighting requirements:

- Where will your power supply be located?
- How will you switch your LED lighting ON and OFF?
- What is the best layout configuration for your installation with wiring consideration?
- How will you run your wiring to your LED strip lighting?

1. Single Color Strips

INPUT AC 100~240V

5000

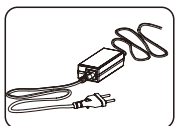DC12V/24 LED Strips
(Single Color)

Power Supply

2. RGB/RGBW Strips

INPUT AC 100~240V

5000

DC12V/24 LED Strips
(RGB/RGBW Color)

Power Supply   Controller

Installation and Use

1. Instruction of Single Color Strips
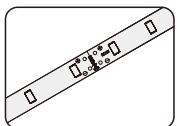
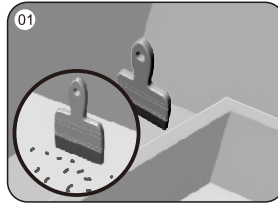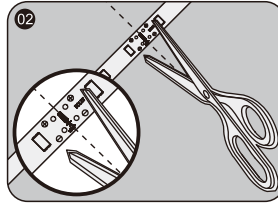LED Strip: 5m   Power Supply   Tools required: Scissors
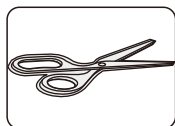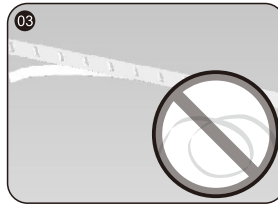

Installation Procedures:

01
- Clean the mounting surface and keep it clean.

02
- Cut the strips to achieve the desired length.

⚠ Note: Please cut the strips at the printed marks.

03
- Peel off the adhesive tape gradually, and stick them on the mounting surface.

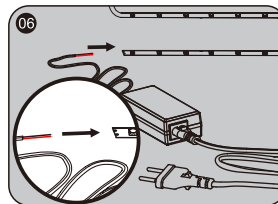⚠ Note: Forbid peeling the adhesive tape once to avoid the strips sticked together.

04
- Locate the mounting position and stick the strips on the mounting surface.
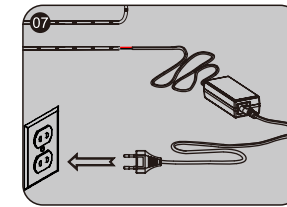
⚠ **Note: Don't press the LEDs.**

05
- The strips can be bent on the mounting surface.

⚠ **Note: Don't bend it to right angle.**

06
- LED strip solder to power supply/led driver.

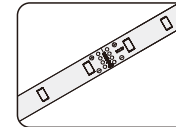⚠ Note: Forbid operating with power on!

07
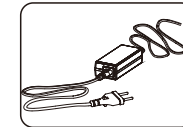- Energize the power supply, then you can control the LED strip.

⚠ Note: Keep the power supply with switch control out of reach of children!
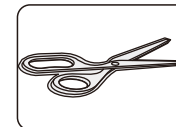
2. Instruction of RGB/RGBW Strips

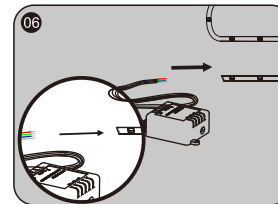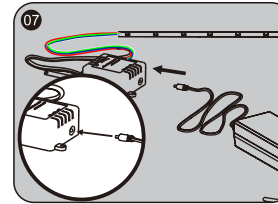RGB series: 5m   Power Supply   LED controller

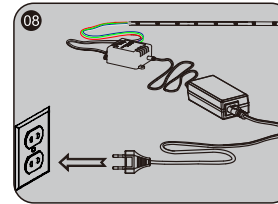Tools required: Scissors

Installation Procedures:

The installing steps from 01 ~ 05 are same as single color strips.

06
- LED strip connect to the controllers.

07
- Connect the controller to Power Supply.

08
- Energize the power supply, then you can control the LED strip.

⚠ Note: Keep the power supply out of reach of children! and the connector of controller in the open environment.