HAICHANG OPTOTECH CO., LIMITED

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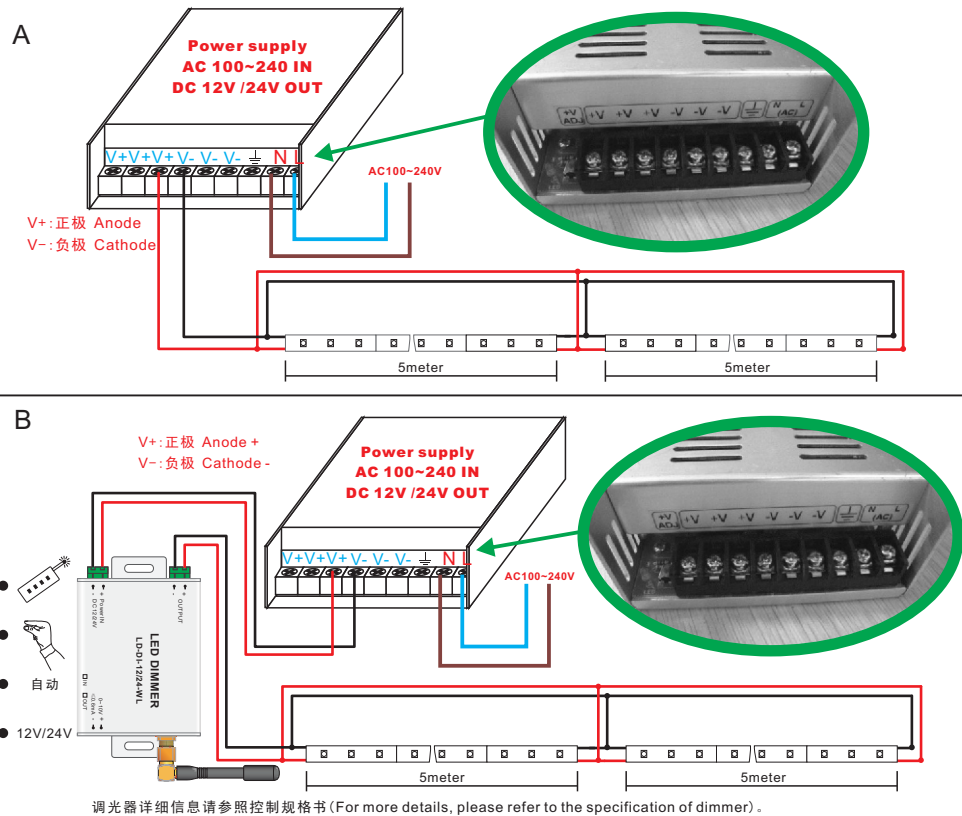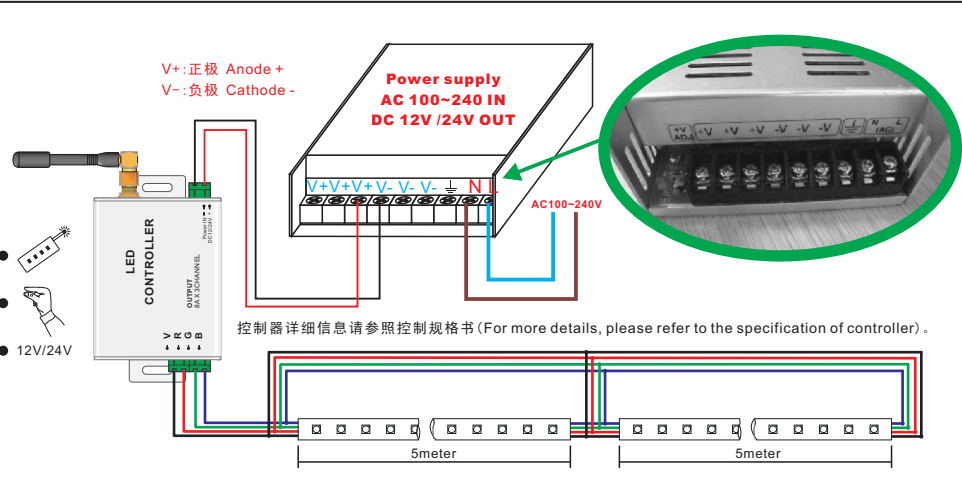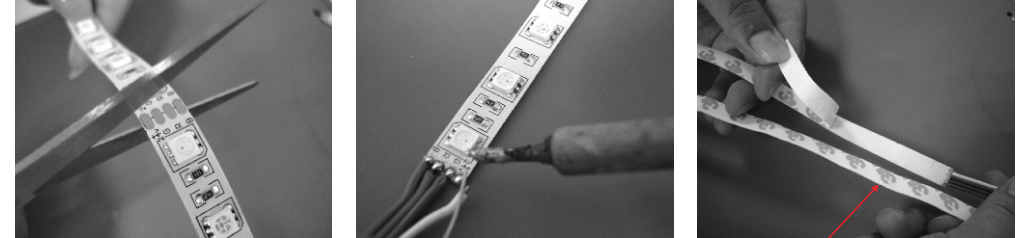## Guide on how to connect and install Non-Waterproof LED Strips

单色灯条连接图（**Diagrams Of Single Color Flexible LED Strip Connection**）：

A

Power supply
AC 100~240 IN
DC 12V /24V OUT

V+V+V+ V- V- V- ⏚ N L

AC100~240V

V+：正极 Anode
V-：负极 Cathode

5meter   5meter

B

V+：正极 Anode +
V-：负极 Cathode -

Power supply
AC 100~240 IN
DC 12V /24V OUT

V+V+V+ V- V- V- ⏚ N L

AC100~240V

LED DIMMER
LC-D-I-12/24-WL

自动

12V/24V

5meter   5meter

调光器详细信息请参照控制规格书（For more details, please refer to the specification of dimmer）。

RGB灯条连接控制器图 （**Diagrams Of RGB Flexible LED Strip Connection**）：

V+：正极 Anode +
V-：负极 Cathode -

Power supply
AC 100~240 IN
DC 12V /24V OUT

V+V+V+ V- V- V- ⏚ N L

AC100~240V

LED CONTROLLER

OUTPUT
8A X 3CHANNEL

V R G B

12V/24V

5meter   5meter

控制器详细信息请参照控制规格书（For more details, please refer to the specification of controller）。

安装(Installation)：

3M 双面胶 （3M self adhesive tape）

　　安装时只需将双面胶背面的纸撕去，即可安装在各种弯曲平面上，建议先画好定位线，再进行贴灯条时，尽量一次性贴平整，避免返工，撕掉重贴。（Remove the paper on 3M tape and mark a position line on the object before installation. For a good performance, please install evenly and avoid sticking to objects repeatedly.）

注意事项（Note）：

1. 灯条印有"剪刀标示"处可延剪切线剪断，同时，剪断的另一处可再次接上电缆线，即可使用；注意，正负极不可颠倒。（The flexible strips can be cut or rejoined at the cuttable line. Solder the wires to the anode and cathode on PCB before using. Be sure they are not reversed.）

2. 灯条电压为DC 12/24V, 切勿直接连接高压220V; (Power supply should be DC 12V or 24V. Do not connect the strips to AC 220V directly.)

为了更合理使用，请在安装前阅读如下几点，敬请保留，以备参考：

1、按包装上的额定电压使用，勿在电压过高或过低的状态下使用。

2、不可安装在可燃物体内使用，任何情况下，灯条不能被隔热衬垫或类似材料盖住。

3、禁止在室内外雨水淋到的地方使用。

4、安装更换灯条之前，必须先切断电源，确保灯条安全。

5、当发现灯条工作异常时，请检查灯条输入电压和正负极是否正常。

6、使用LED灯条时，建议使用我公司配套的驱动电源。

Please read the following instructions before installation:

1. This product should be used at the rated voltage which shows on the package. Service voltage should not beyond the designated range.

2. Do not install or use it inside combustibles. It should not be covered by heat-insulated materials or similar materials in any situation.

3. For LED strip safety, please switch off the power supply before installation or replacement.

4. This product is non-waterproof. Please protect it from water.

5. If the LED strip is not working well, please check the input power and also the connection, make sure "+" and "-" are not reversed.

6. You are suggested using the LED drivers we offered for LED strips.