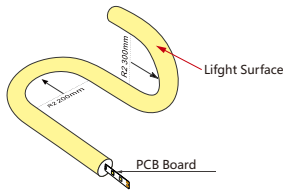
⚠ WARNING **DO NOT CONNECT DIRECTLY TO AC/DC HIGHT VOLTAGE POWER!**
Read all warnings and installation instructions thoroughly.

SFTETY & WARNINGS

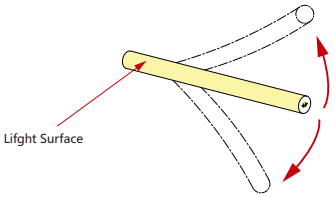
- Before you are making any cuts, installation, maintenance or connection, and be sure the light is disconnected!
- The Light's voltage must match that of the power supply, and input voltage must be constant voltage DC24V;
- Don't connect directly the light to AC Power and high volatge ,failure to do so could burn the circuit board and cause a fire;
- Don't install and light up and use the light under water, Only IP67 application places can be used for this light;
- To extend lifespan of the light, do not operate the lights in temperatures excceding 60°C (140°F);
- Operating&Installation temperature: -25°C-~60°C (-13°F ~140°F), and LED PIN temperature: max. 65°C (149°F);
- Incorrect cutting will damage the light, and do not power the light for over 30 minutes in one coil packaging;
- When doing any cutting and bending and installation, and must operate the light according to the manual instruction

1. Bending Guide

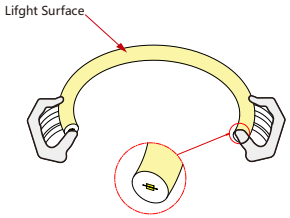
- **Pict. 1**: Min. bend diameter over ϕ300mm Only bend horizontally (opposite bend along to "Ligth Surface");
- **Pict. 2**: The light can only bent vertically (opposite bend along to "Light Surface");
- **Pict. 3**: Forbbiden that horizontal bend along to "Light Surface"), caused to electronic components broken;
- **Pict. 4**: Forbbiden to 360° Twisting (the twisting angle below 45°), and don't twist the neon light when power on;



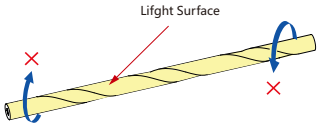
Pict. 1



Pict. 2



Pict. 3

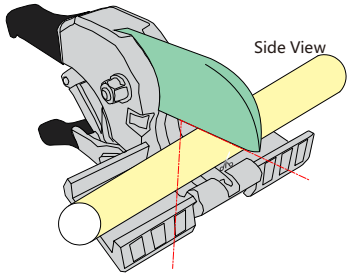


Pict. 4

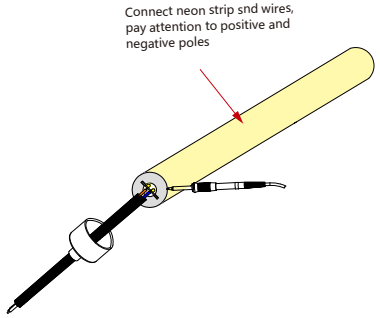
2. Cutting Guide

- Use only factory-recommended cutting nippers(Pict.1), cut the required length.
  For specific cutting unit and method,please refer to sepcification or contact us.Do not cut at will.

Cutting Nippers

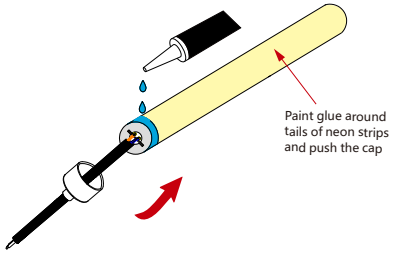


Pict. 1

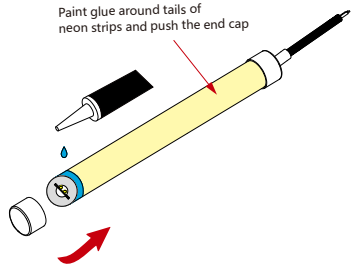


Pict. 2

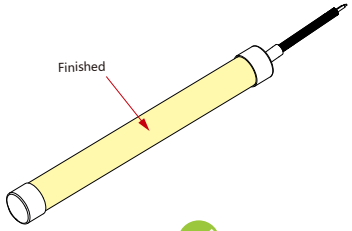
Note: Use only factory-recommended cutting nippers, and must hold 90 degree vertical cut the light.



Pict. 3



Pict. 4



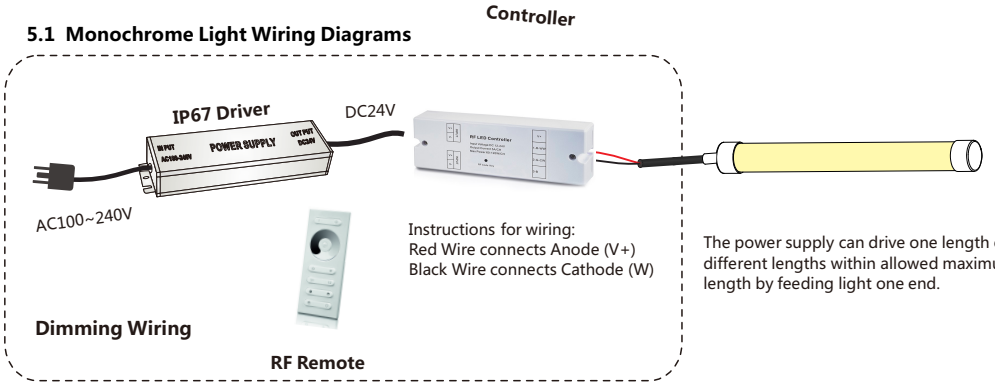
Pict. 5

Note:
1.Use tools to install or detach neon strips Do not drag it by hands to prevent damape.
2 .For 2m or longer neon strips 2 pcople arerequlred to install or dotach.
3.Pay attention to positire and negative polesto avold short circuit and light beads darage.

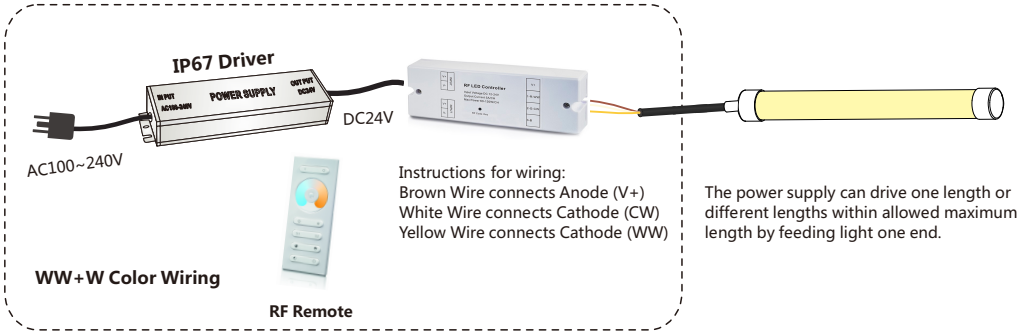
5. General Wiring Diagrams

- This LED Neon Flex Ribbon must be used in conjunction with DC24V power supply;
- Always observe proper polarity, Polarity symbols should match on each component;
- Avoid the voltage drop, and do not use excessive lengths of wire between the powr supply and light fixture;
- Ensure to add 20% buffer when sizing power supply, the power cable carried current is no greater than 80% of its capacity;

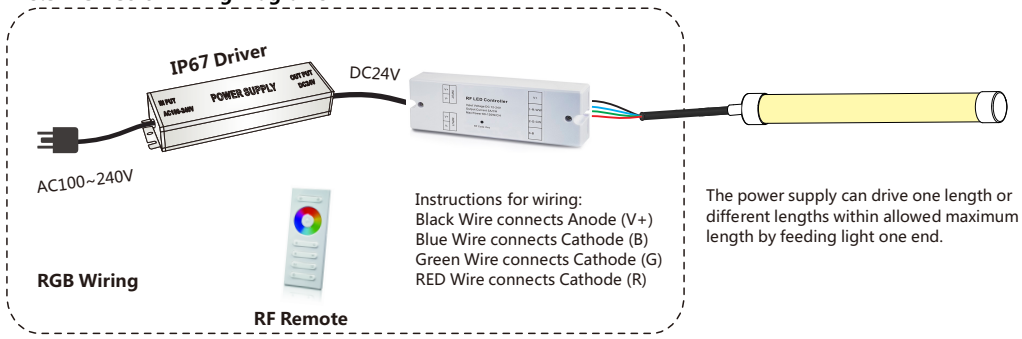
5.1 Monochrome Light Wiring Diagrams



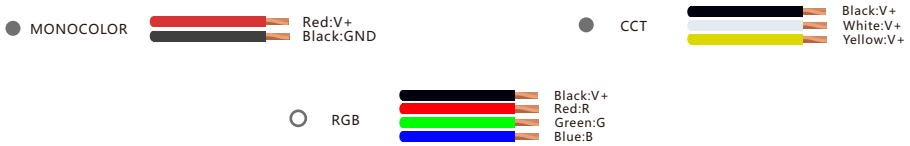
5.2 Tunable Color Wiring Diagrams



5.3 RGB Color Wiring Diagrams



7. Electrical wiring color codes



8. Troubleshooting & Disclaimer

The Entire fixture doesn't work:

- Check power supply is plugged in, switched on, and connector is inserted into backside of PCB and properly assembled;
- Check all light, controller connection from the power supply to LED Neon Flex Ribbon, polarity of all wire connections;
- Make sure input output voltage is 24V DC, Check front connector is inserted into backside of PCB and properly assembled;

If the first segment doesn't work:

- Make sure units properly cut. If it has been cut wrong, remove the first segment, cutting it off properly,
- Check for damage done to the first LED from improper installation of the connector. If damage has been done, cut out the first segment and properly assemble the connector.

LED Neon Flex Ribbon is flashing on and off:

- Check that connector is properly installed with good contact with the copper PCB, and check all controller connected;
- Check the power supply to ensure it supports the length you are using. Select the appropriate strength or install an additional power supply to support your installation.

Warranty Terms and Conditions:

- We provides a standard 3 year (36-month) limited warranty including all compoents, and this limited warranty covers manufacturer defects in the material and workmanship, and is valid under doing all operations directed by this manual, and not covered by this warranty are those considered as parts which are prone to failure due to normal wear and tear.
- We will not cover damage by abuse, misuse, curvature past the recommended bend radius, punctures, cuts, shortening or splicing outside of the designated cutting marks, disregard for proper cleaning, faulty installation, including for feiting the use of a surge protector, or any repairs not carried out by certified LED lighting professionals.