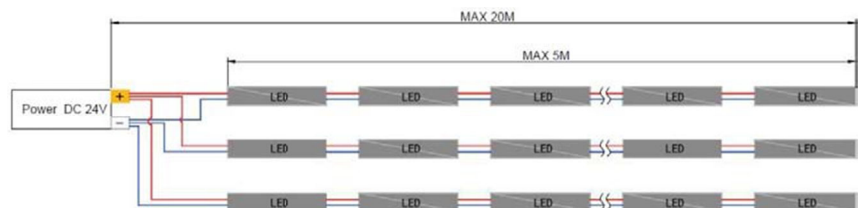


## Installation Precautions:

1. Before installation, please read all instructions and carefully read the installation precautions;
2. Although this product is a low-voltage product, please do not let children play with it;
3. Suitable for outdoor use, can achieve IP65;
4. The ambient temperature for the use of LED strips is  $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ;
5. Before installation, please be sure to turn off the power to prevent electric shock;
6. When using a matching DC power supply, it is necessary to confirm the actual power consumption of the light strip, and then choose to use the corresponding power supply driver;
7. During the installation process, please pay attention to the polarity of the wiring and the working voltage requirements of the light strip;
8. The actual total power of the light strip cannot exceed 80% of the power of the connected power source;
9. It is recommended to connect the light strip in series with a total power of 80W, and the maximum power should not exceed 100W. Otherwise, there will be a significant difference in brightness between the head and tail. If necessary, please install it in parallel (as shown in the figure below) \*;
10. During use, it is necessary to ensure that there is no cover of flammable and explosive materials;
11. 18 watt RGBW four color DMA control product, please avoid long-term full power operation of all four colors, otherwise it may reduce the lifespan of the lamp, and there is no risk in normal mode;
12. If an additional power supply line is required between the driver power supply and the light strip, it is recommended that the wire diameter be no less than 2.5 square meters, and the length of the additional line should not exceed 20 meters.

Power	Suggest connecting the maximum length in series
6W/m	13 m
10W/m	8 m
14W/m	6 m
18W/m	4 m



\*Taking 24V 16W/M light strip as an example

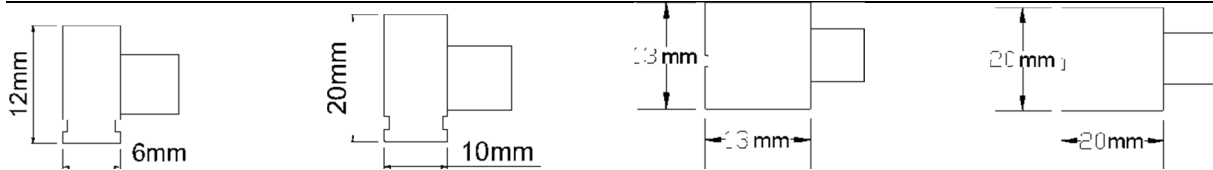
## Output polarity:

This type of product uses a 24V DC power supply and adopts different wiring methods depending on the specific model. If there are no special instructions, connect the red lead to the positive pole "+" of the power supply, and the black lead to the negative pole "-" of the power supply.

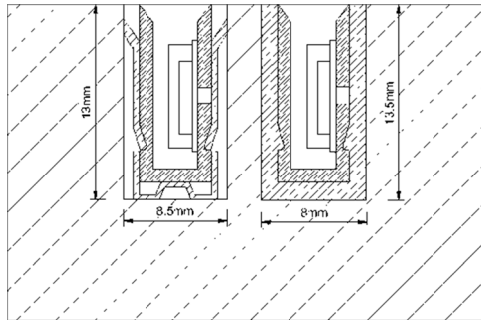
Other series wiring methods:	RGBW series	DMX series
	Black: DC24V +	Red:DC24V+
	Red:red-	White:PI
	Green:green-	Green:A+
	Blue:blue-	Blue:B-
	White:white-	Black:GND

## Installation method:

This product adopts a side outlet design. When splicing, please make sure to leave enough space for the wire to be placed at the joint. (Optional other wiring methods)

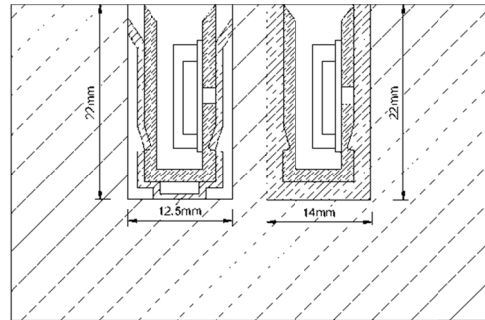


Notch size at non joint locations:



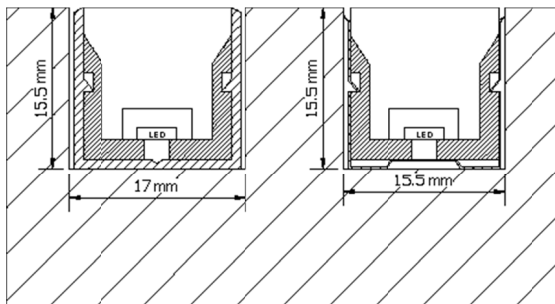
Clamp installation

Track installation



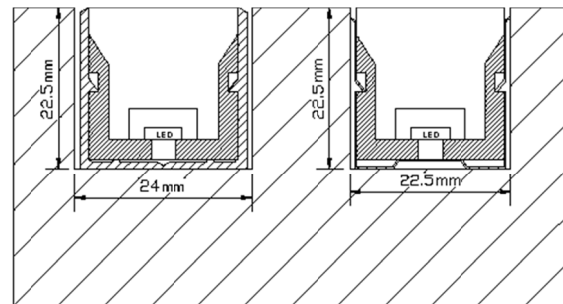
Clamp installation

Track installation



Track installation

Clamp installation

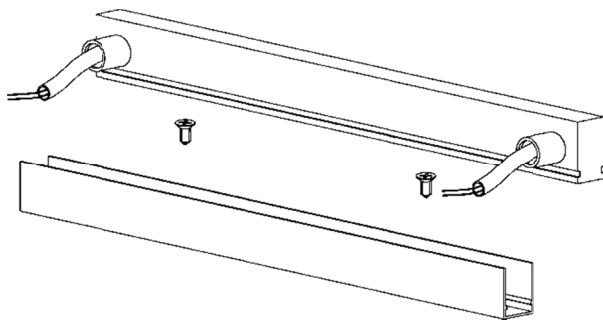


Track installation

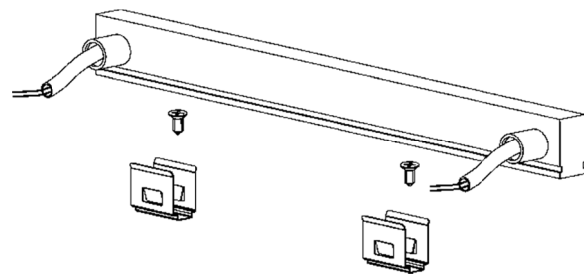
Clamp installation

**Installation location:** (Please choose the installation method based on actual accessories and requirements)

A. Using installation tracks



B. Using installation clips



## Notes:

1. Choose a track with the appropriate size, gently press the blank area between the lamp beads and the lamp strip track groove, and prohibit pressing or squeezing the lamp bead area from the front or side;
2. During the installation process, if the bending radius of the light strip is greater than 100mm (20 \* 20 is 100mm or more, and 6 \* 12, 10 \* 20, 13 \* 13 is 60mm or more), it cannot be bent at right angles. When taking the light strip during the installation process, it is prohibited to fold, twist, or tighten it. If the light strip is damaged due to human factors or improper rail selection during the installation process, our company will not be responsible.



**Special attention: It is strictly prohibited to twist the light strip as shown in the diagram**