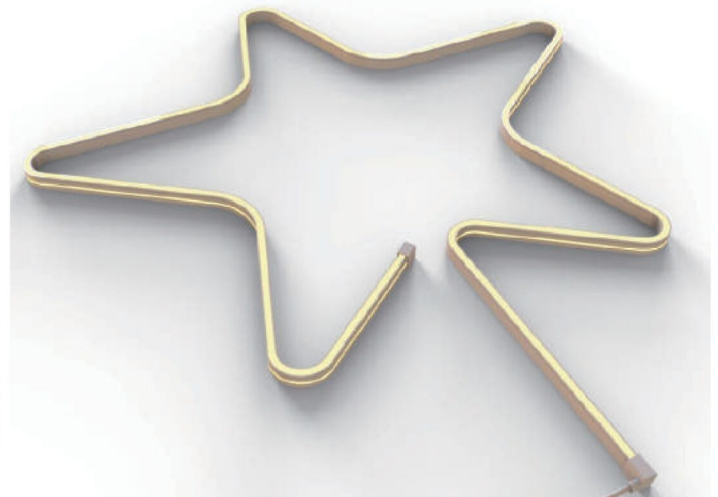
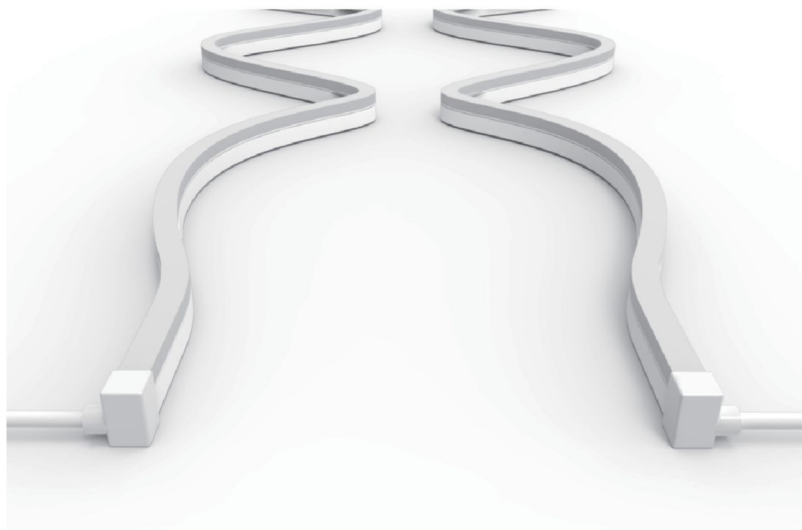


## Product Features

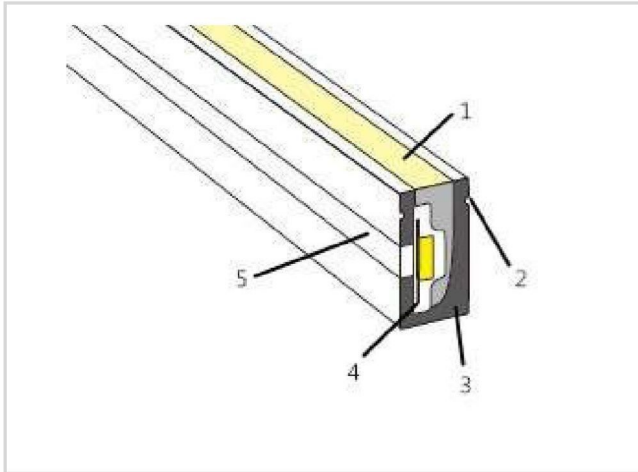
- Anti-yellowing and heat resisting silicon glue, chemical resistance acid and alkaline, available for extremely terrible outdoor environment.
- Uniform and soft luminance, no light spot.
- Super brightness large chip, golden wire welded and copper led holder for quicker heat dissipation, higher stability, longer life span.
- Leadless SMT technique(RoHS certificated), smooth welding joint, firm connection of led and pcb.



# LED strip Colloid specifications comparison

Materials Main parameters	Silicone flexible led strip	PVC flexible led strip	Notes
Colloid features in -40℃	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120℃	No obvious change after 72 hours	Colloid changed into yellow and deformed after 2 hours	The high temperature resistant of silicone is superior than PVC or epoxy
Colloid features in 180℃	No obvious change after 72 hours	Colloid changed into brown and some melted after 20 minutes	Over 150℃, PVC is easily hydrolyzed, Viscosity becomes weakened and easily separated
Steadily lighted in Seawater for 72 hours	No obvious change	Serious atomization on the surface	The waterproof grade of silicone led strip can reach to IP67, high resistance to acidic alkali and salt properties
Thermal conductivity	Good thermal conductivity	No thermal conductivity	Pvc and epoxy cannot conduct heat, while silicone has good thermal conductivity

# Structure



1.Side light emitting : Smooth and even light

2. Lock : Lock for the mounting clip

3. Side Wall : No light for transmitting

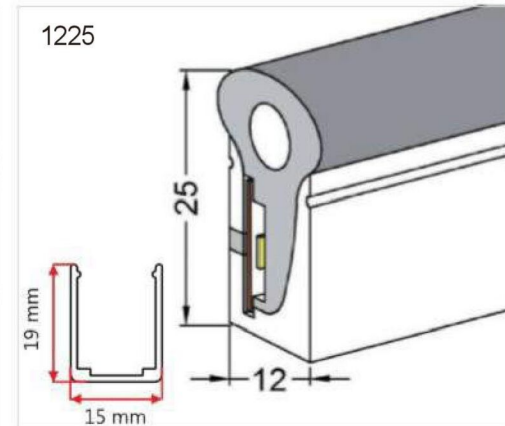
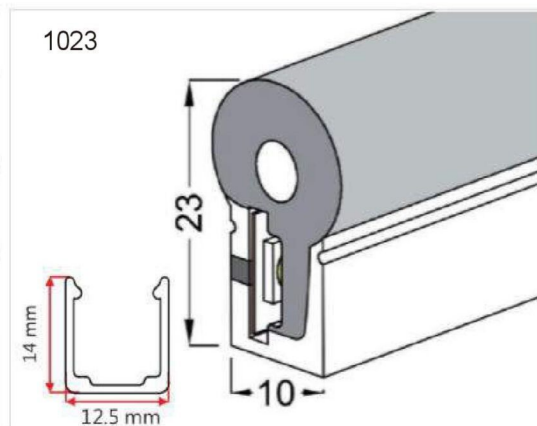
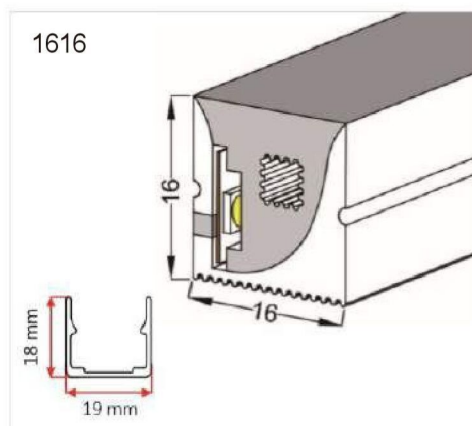
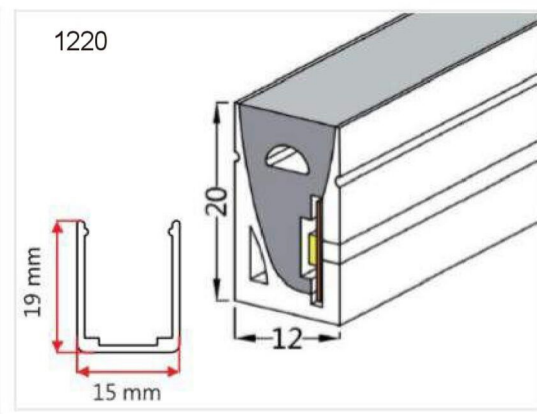
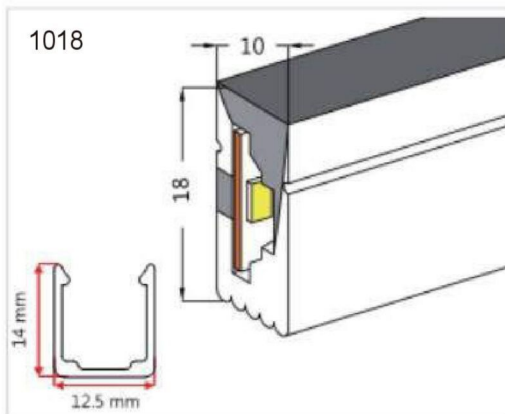
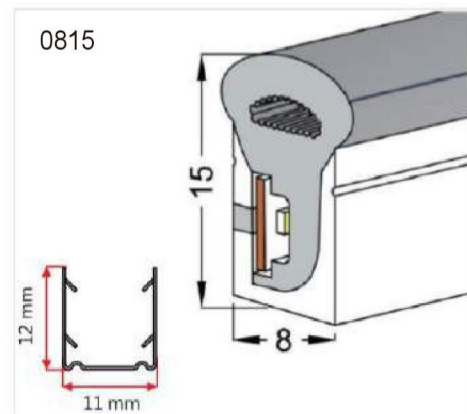
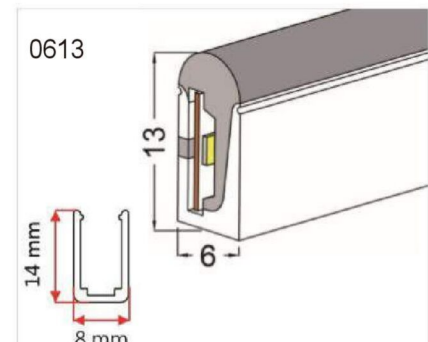
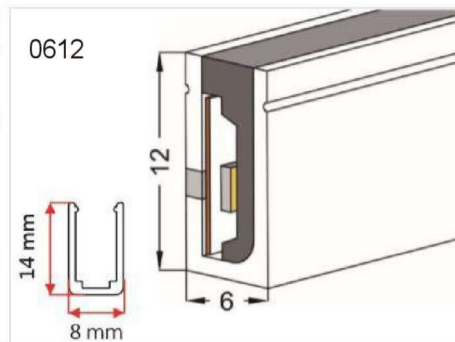
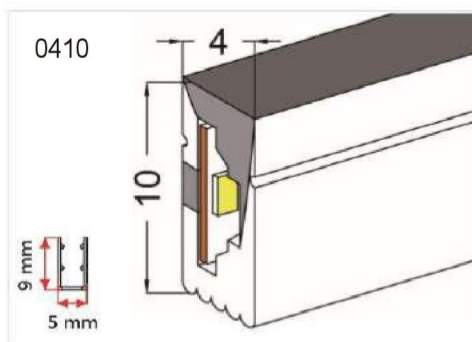
4.PCB : (1 ) Width

(2 ) LED Qty  $\geq$  : W120led/m RGB 60led/m

(3 ) LED Type : 2835/3014

2216/2016 /5050

5. Cutting Window : Window for the cutting sign.

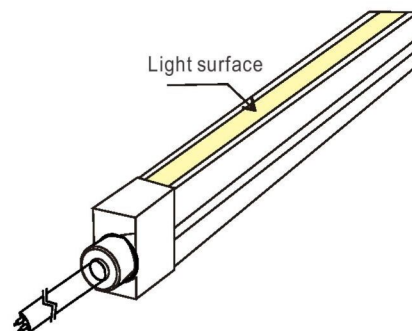


# End caps:

## 1, Straight cable output:



Connects light to power supply with pre-installed end feed cable, IP67. Cable length available in 0.2m, 1m, 2m etc.



## 2, Cable output from side:



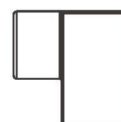
Right



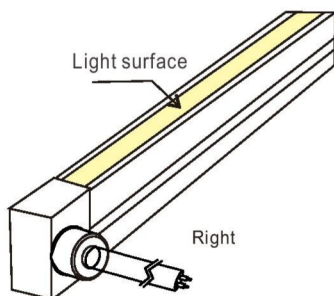
Left



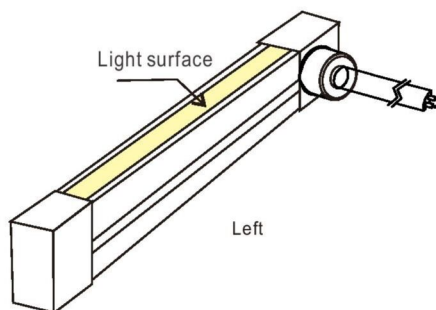
Bottom



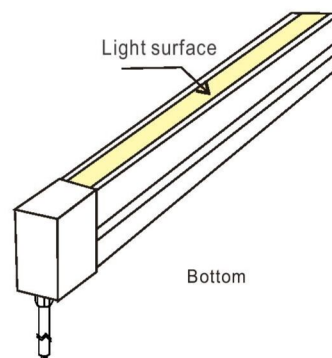
Connects light to power supply with pre-installed end feed cable, IP67. Cable length available in 0.2m, 1m, 2m etc.



Right

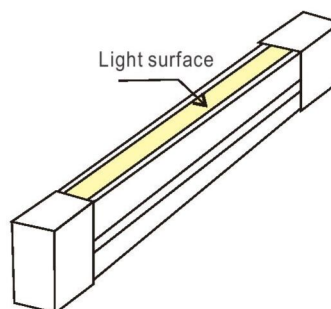


Left



Bottom

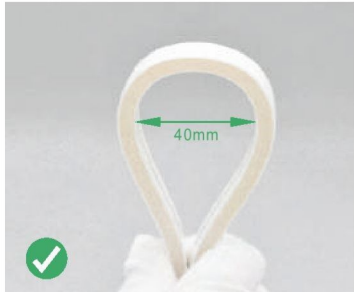
## 3, End caps without hole:





Please notice that the strips are not bendable to all directions. As the appropriate specific shape and degree, please follow the following instruction:

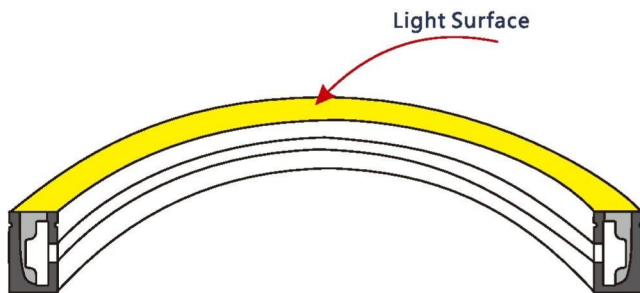
## Correct bending way



Face to the light surface, fold the strip, the minimum bending diameter is 40mm

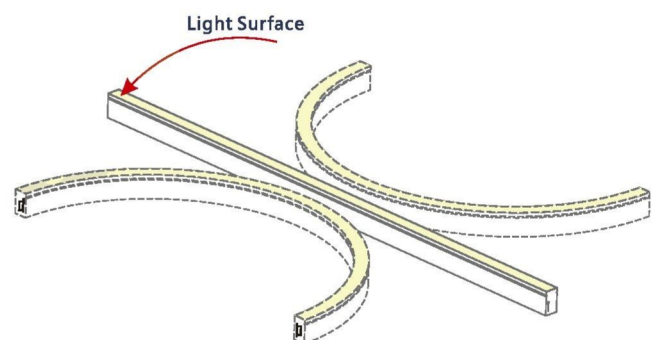


Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm



- LED strips are low voltage products, you must use the power supply(transformer). Do not connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips and lead to safety (security )accidents.

- Please read the specifications thoroughly before installation by professional staff to make sure the safe use.



Do not bend smaller than allowed minimum bend diameter.

## Incorrect bending way

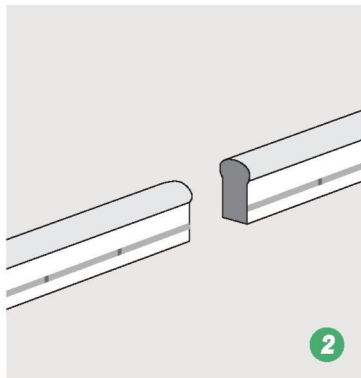
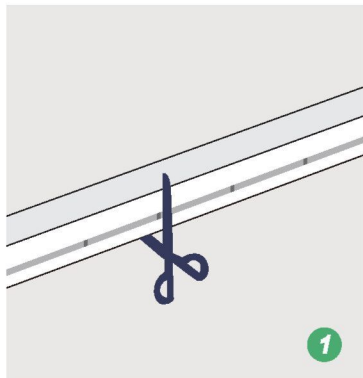


Face to the side surface,(as the picture shows) Do not bend downward to damage the strip.

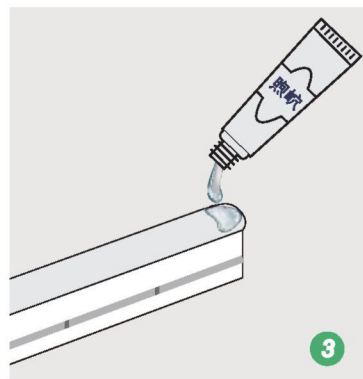


(as the picture shows) please do not twist the strip, or it will be damaged

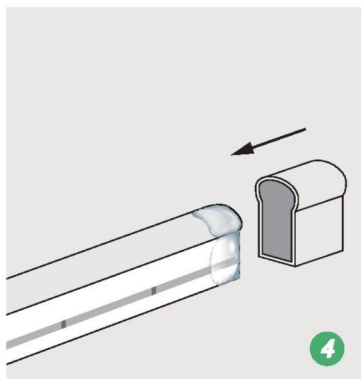
## Seal the section



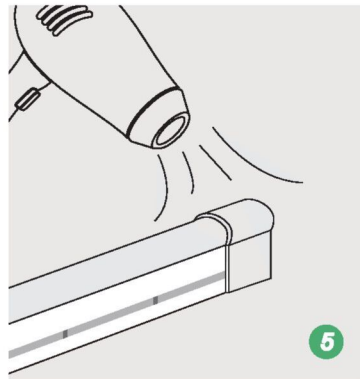
It is feasible to cut along the black point on the side of led strip.  
Do not cut optionally to avoid damage to led strip



coat the section with glue uniformly  
after cutting



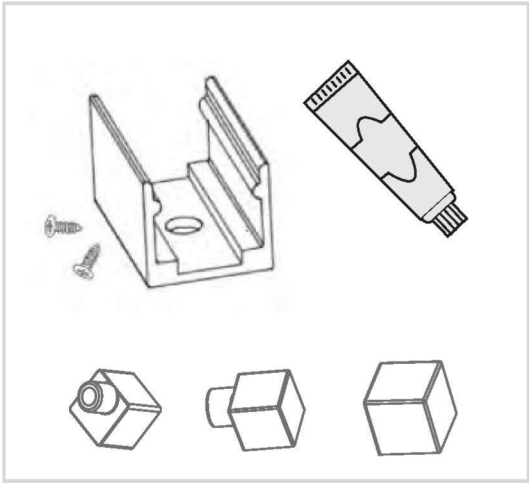
Insert the section into the plug according  
to direction of arrow



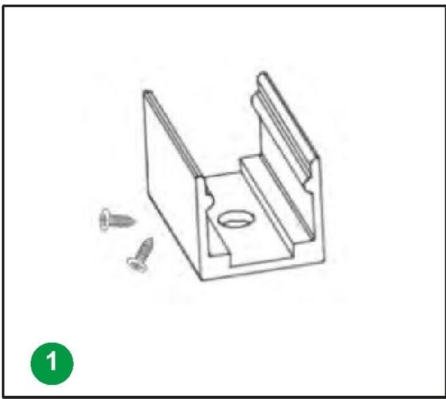
Dry the plug with hot wind or natural wind  
until make sure the installation is firm



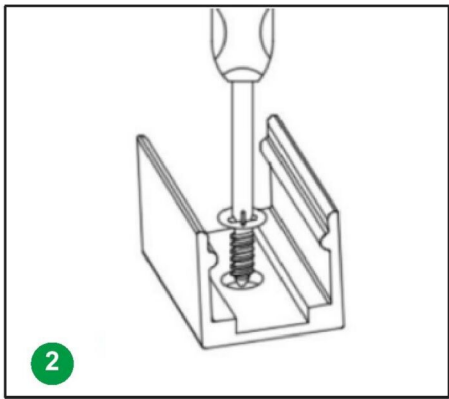
Mounting Accessories



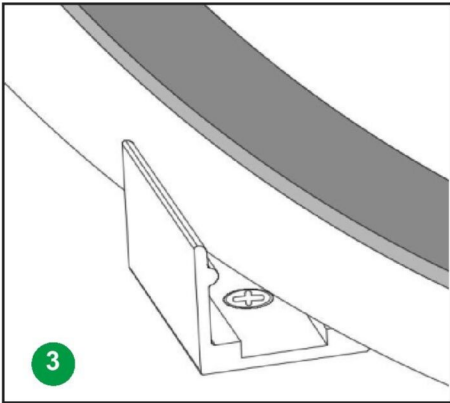
Mounting clip, glue, end caps, screws



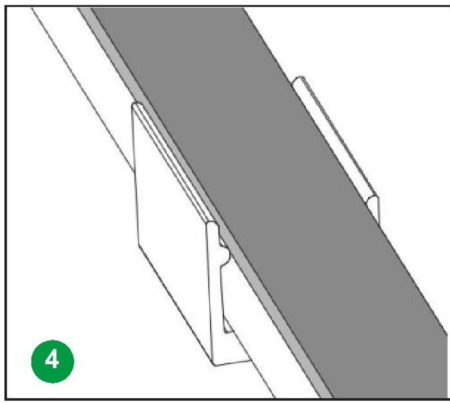
Screw and Clip



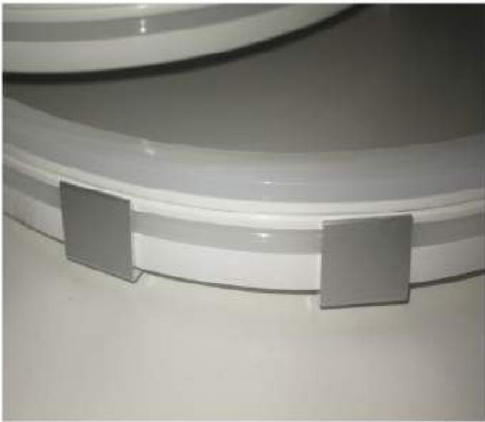
Fix the clip at appropriate area by screws



Top light emitting face up, and clip it inside gently.



Lock it into the clip in parallel.

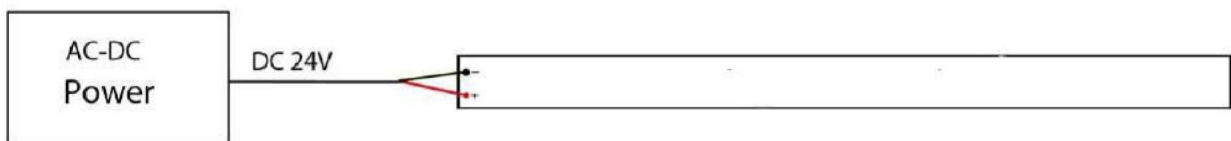


# Single Color Connection

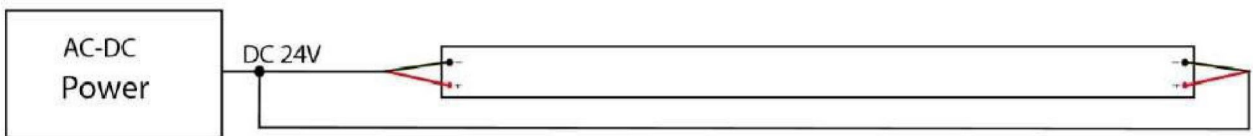
AC 100~240V IN



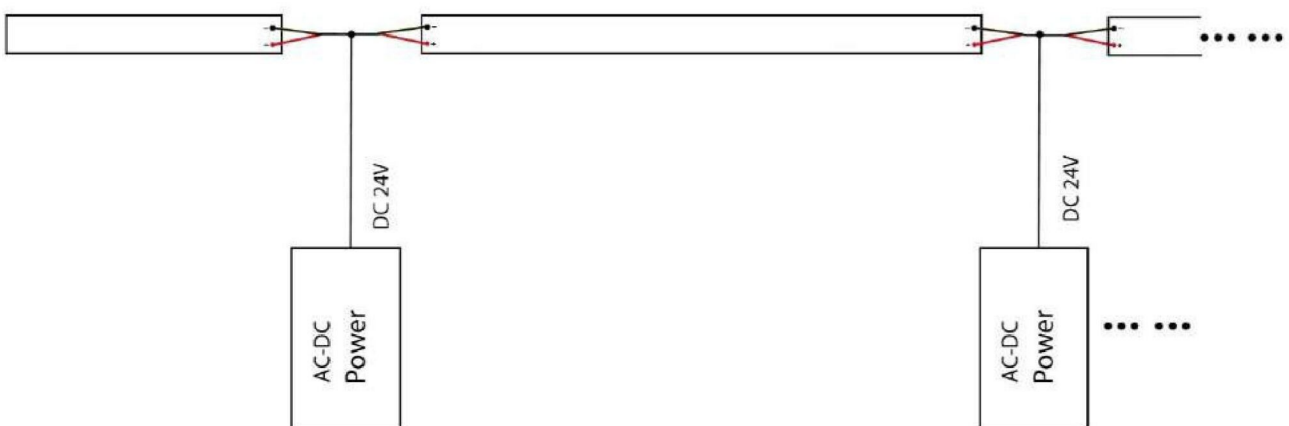
Type 1. Single Power Supply, Single End Feed



Type 2. Single Power Supply, Double Ends Feed



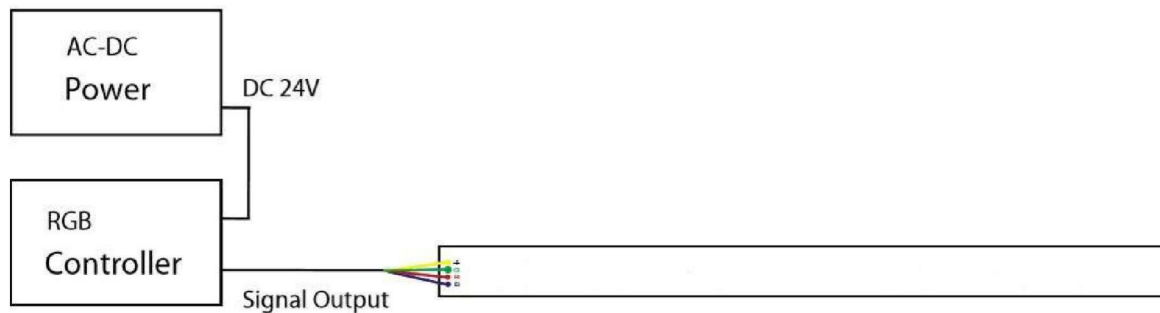
Type 3. Multi Power Supply, No Limitation for Connection Length





# RGB/RGBW Color Connection

Type 1. Single Power Supply, Single End Feed



Type 2. Single Power Supply, Double Ends Feed



Type 3. Multi Power Supply, No Limitation for Connection Length

