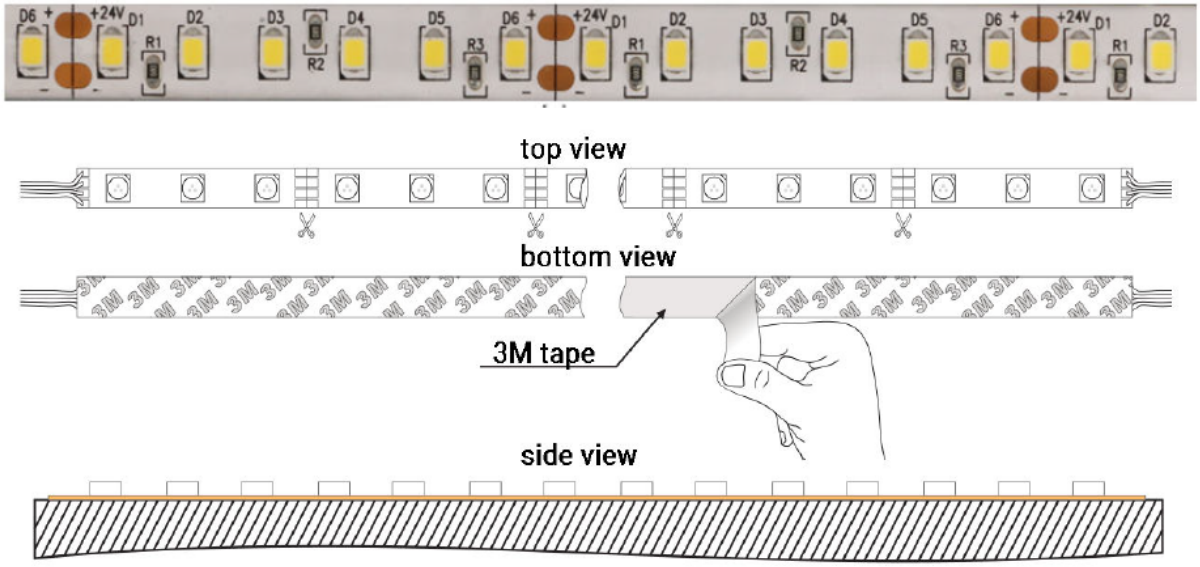
Please read the entire user instruction carefully

It contains important information regarding installation and operation

< OVERVIEW >



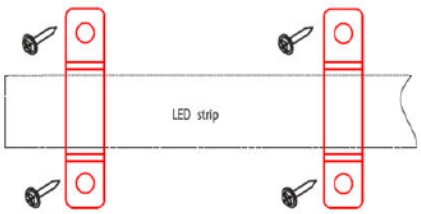
< INSTALLATION >

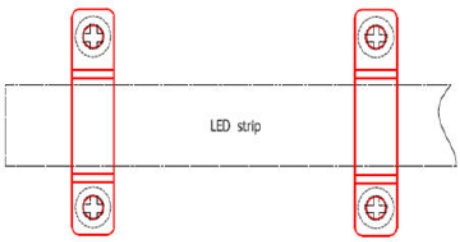
➢ By 3M tape on the backside.

a. Peel off the release paper of 3M tape.

b. Stick and fix the LED strip to the mounting surface.

➢ By plastic clip + screw.



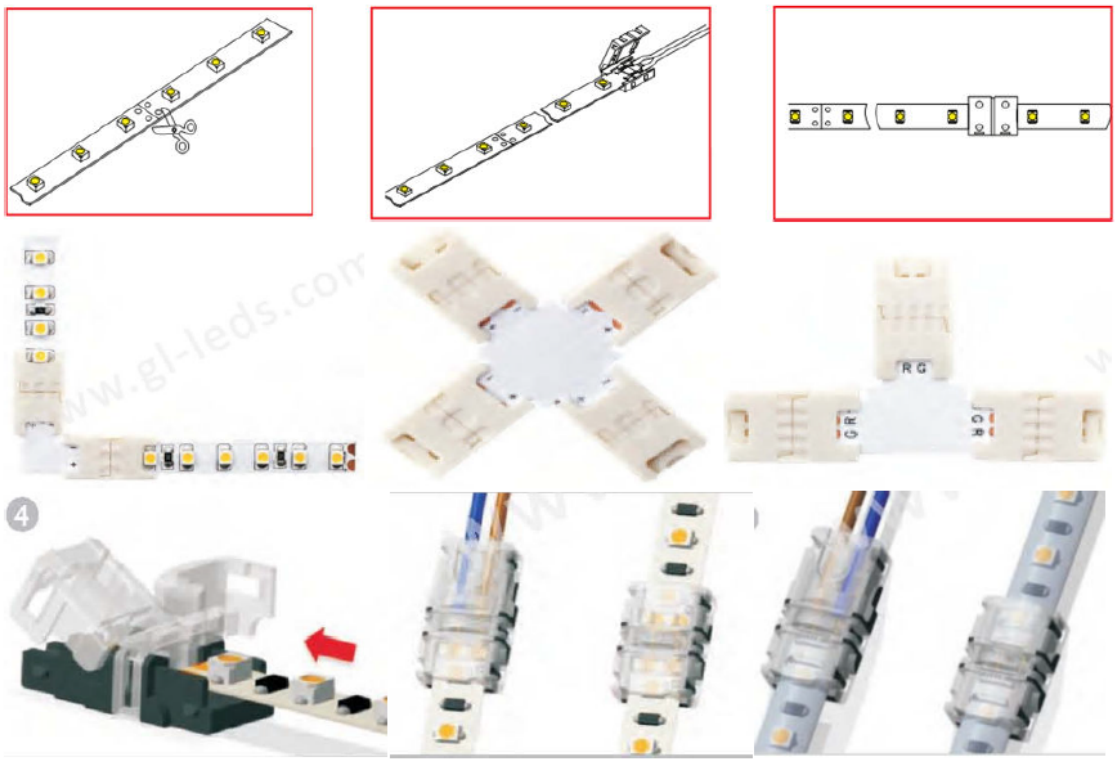


a. Fix the clip to the LED strip.

b. Tighten those screws to the mounting surface.

< CONNECTION >

- For IP rating in IP20/IP54/IP54 Plus.



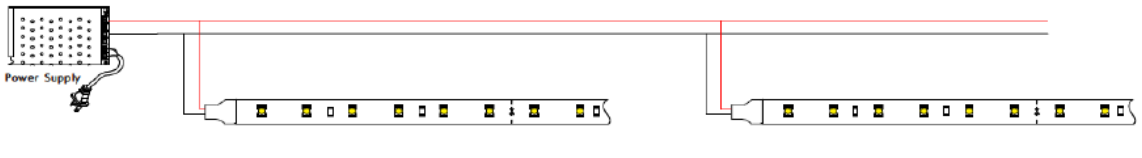
a. By front flip/back flip/FPC connector.

b. By hippo connector.

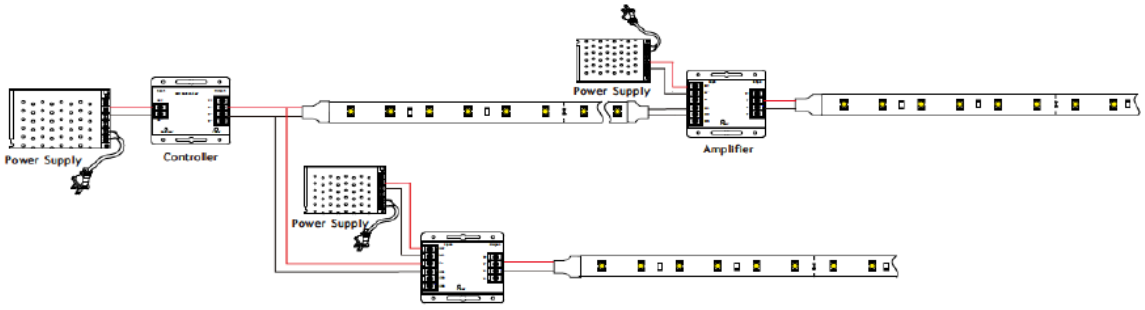
- For IP rating in IP65.

a. By hippo connector.

- For project in a system.



1). Non-dimmable Strip



2). Dimmable Strip

< PROCESSING >

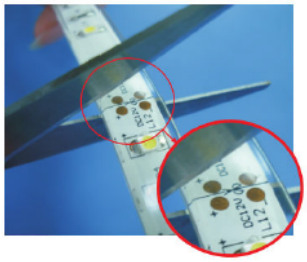
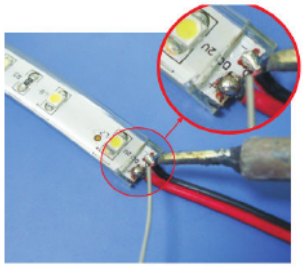
- For IP rating in IP20




a. Cut at the marked position.

b. (power feed side) Cables are directly soldered to the solder pads on LED strip in correct polarity.

- For IP rating in IP54/IP54 Plus.

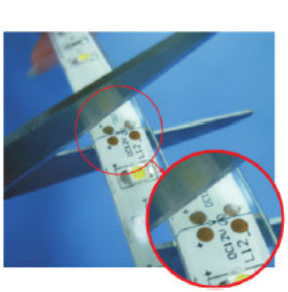
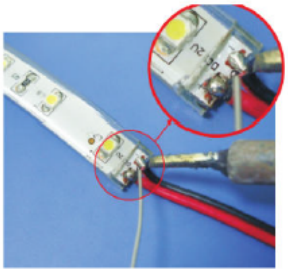
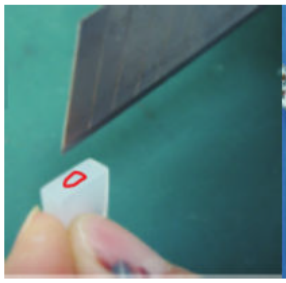
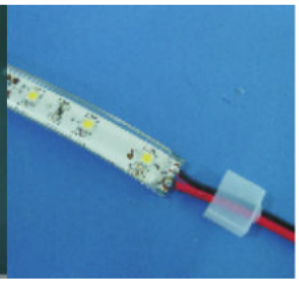

a. Cut at the marked position.

b. (power feed side) Remove the silicone gel and bare those solder pads.

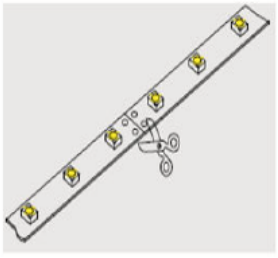
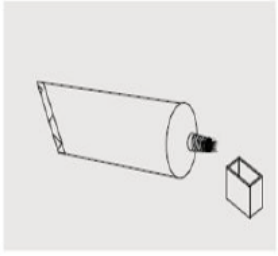
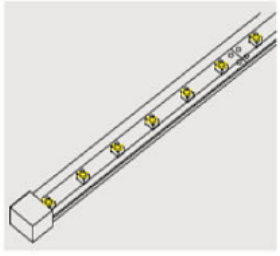
c. (power feed side) Cables are soldered to the solder pads on LED strip in correct polarity.

d. (power feed side) Reseal the soldered part and cable by silicon glue in dripping process.

- For IP rating in IP65/IP67/IP67 Plus/IP68.

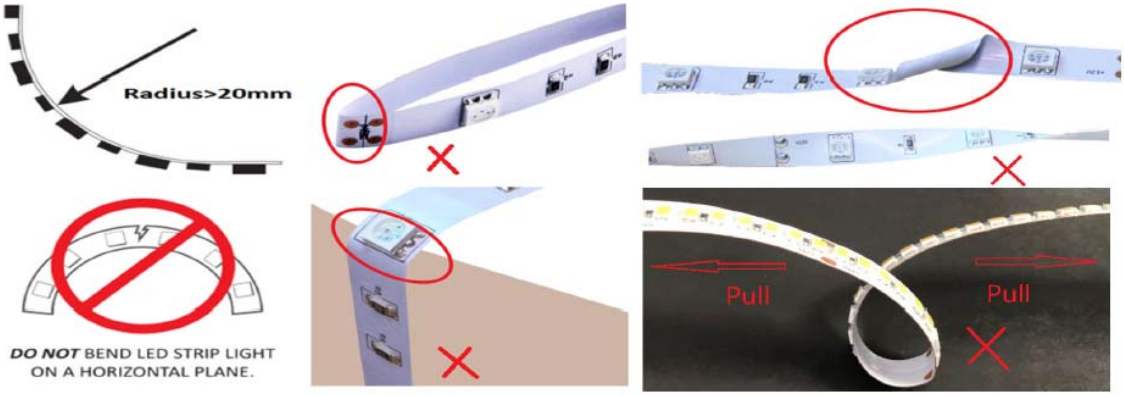


a. Cut at the marked position by scissor.
b. (power feed side) Remove the silicone gel and bare those solder pads.
c. (power feed side) Cables are soldered to the solder pads on LED strip in correct polarity.
d. (power feed side) Reseal the soldered part and cable by silicon glue in dripping process.
e. (non power feed side) Fill in the silicon end cap by silicon glue.
f. (non power feed side) Seal the end cap to the end terminal, make adjustment and refill.
g. (non power feed side) Remove and clean the overflow glue, place in roughly 1 hour for fully dry.

< CAUTION >

- The user instruction guide does not supersede federal, state, local or (inter)national laws, regulations, rules, ordinances and codes that may apply for electrical installations.
- Installation and electrical connection process must be operated by professional electrician in accordance with the applicable and appropriate electrical codes.
- Installation and application must take place in environment with temperatures within the range indicated in the LED strip's datasheet.
- Please adopt a suitable IP rated of LED strip, according to actual specific scene.
- Make sure the voltage of LED strip coincides with the voltage of extra power supply and controller certified for lighting, do not plug the LED strip directly to the AC power such as 230V/120V input.
- Ensure all wiring connections and polarities are correct before power on. Disconnect the power supply to the LED strips before working on them such as reconnect, clean, soldering, maintain etc.
- The length of wiring from the power supply/controller to the LED strip is recommended to be as short as possible, to reduce the voltage drop.
- Unroll before power on, to avoid LED strip damage caused by the heat.
- Do not secure with staples, nails or like means that can damage the insulated housing for IP rating.
- Do not stare at the light for long time when it's illuminated, to protect your eyes.
- Be aware of ESD protection, handled with care without being collided or crushed, no mechanically press down on LED and other components, do not cover the LED strip by heat insulation gasket material.
- LED strip is bendable within limit by front to back or back to front with radius＞20mm, but can't be bend in excessive way or even twisted as below, specially for high density strip with LED quantity≥240LED/M.



- Clean mounting surface without substances such as grease, oil, silicone, dust and dirt etc., can help the adhesive strength and reliability of 3M tape.
- For LED strip with fly feeder cables, make sure no electrical contact among cables, also no contact from cables to the conductive part of LED strip, to avoid short cut and component damage.
- Additional heat sink is better for heat conductivity and LED lifetime, pleasure refer to the details of LED strip's datasheet about the heat sink apply suggestion and LED lifespan definition.
- To keep the reliability of power supply/controller, it is recommended to load the power driver not exceeding 80% of its rated maximum power.
- LED strip can be cut into certain short length, also available split jointed by soldering or extra connector, at the marked positions. Please refer to the definition of minimum unit and standard length in the LED strip's datasheet. Over long length would lead to the quality issue of overload and uneven brightness.