

LED strip instruction manual

1.

⚠ WARNING !

The following safety precautions are intended to prevent any injury or damage to other things, and may cause damage if the product violates precautions during use.

- 1、 Installation and inspection of the product must be carried out by a professional with an electrician's certificate.
- 2、 Please use DC24V power supply. Please insure right positive and negative connection. Do not use other power sources, such as AC220-240V.
- 3、 All power cables should be with protection treatment. The power supply wiring should be insulated and waterproof.
- 4、 The product should not be covered thermal insulation material or inflammables, which may cause the product to malfunction or catch fire.
- 5、 The installation must be firm, without loosening, sagging, etc., and the product cannot be moved forcibly after installation.
- 6、 For safety, do not look directly at the LED light source.
- 7、 Do not use as task illumination when in building construction.
- 8、 LED module can't be changed.

PRECAUTIONS

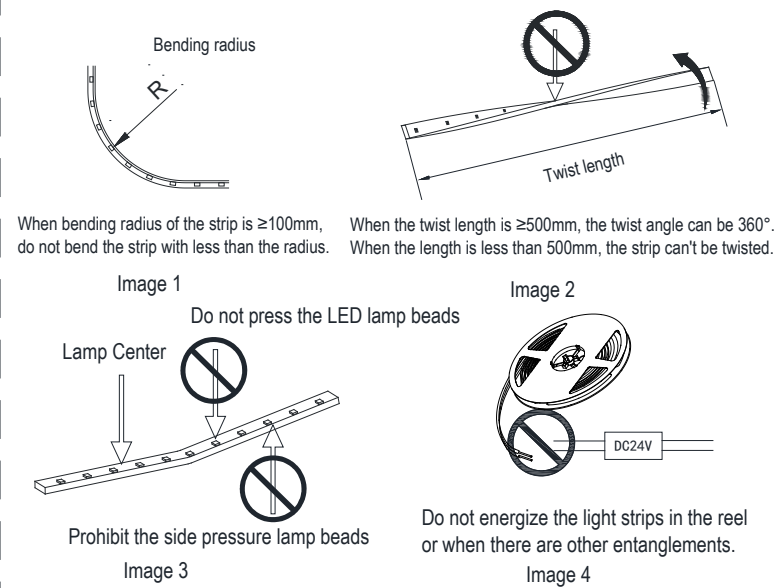
Precautions for storage:

- 1、 storage temperature and humidity: 0°C-55°C 40-70%RH
- 2、 Do not unwarp packaging during storage. Please place in the direction indicated by the carton. Do not stack heavy objects on the packing box.
- 3、 Please do not store the product under the following conditions:
 - High humidity
 - High temperature
 - confetti and dust
 - sunlight exposed
 - Chemicals such as strong acids, strong bases, solvents, etc

Precautions for installation and use:

- 1、 Install in strict accordance with the instructions.
- 2、 temperature of product use: -10°C-+40°C. Do not use under the following conditions:
 - High temperature
 - high humidity,
 - dust,
 - sun exposure,
 - strong acid and strong alkali solvents,
 - >2000 meters high altitude,
 - high air pressure,
 - electromagnetic influence,
 - places that may cause vibration or fall
- 3、 Random cutting, breakage, forcibly pull, twist, press and tag on the product is prohibited.

2.



I Installation :

1. Take out the LED soft light strip from the reel. Be careful not to touch the electronic components and LED light source when taking it out, do not touch the LED light source surface, not to pull soft light source.

2. First wipe off all the dust, water, oil and other matters from the mounting position surface, it's easy to cause soft strip split away from the 3M installed light strip if stick directly when not wipe cleanly.

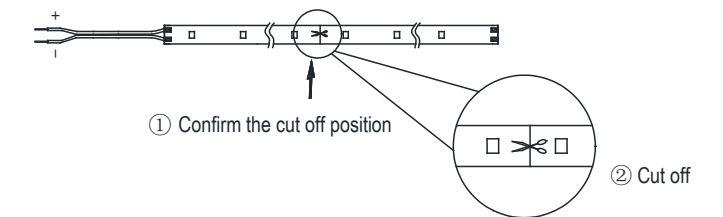
3.

3. Tear off background 3M sticker from the soft light strip slightly, take off the release paper from the 3M sticker. Please note that do not touch 3M sticker surface by hand or other matters, to avoid 3M sticker lose efficacy by dusty or smudge.

4. Press the strip slightly on the install surface, please note do not touched the LED light and electronic components. Structural protection must be done when installation finished, do not leave the light strip directly exposed.

II Cut off :

Please cut as follows :
Confirm the position and cut from the black line on the back

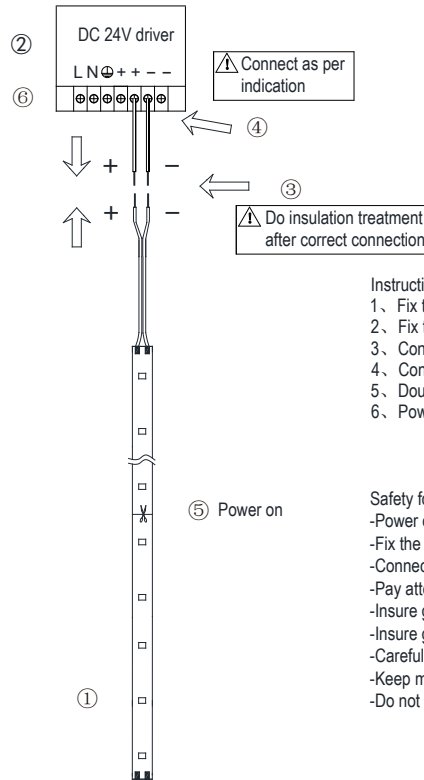


4.

III Driver installation and wiring:

DC 24V driver installation

Power selection note:
Select the corresponding IP rating driver according to the actual use environment



- Instructions:
- 1、 Fix the strip
 - 2、 Fix the DC 24V driver
 - 3、 Connect the strip with the driver
 - 4、 Connect DC 24V power input to main power
 - 5、 Double check
 - 6、 Power on

- Safety for DC 24V driver installation:
- Power off when handling the installation
 - Fix the driver firmly
 - Connect the wire as per markings
 - Pay attention to the polarity when connection
 - Insure good contact of terminals
 - Insure good connect of connectors
 - Carefully make insulation after connection
 - Keep minimum 20% space for output power
 - Do not use non-isolated driver

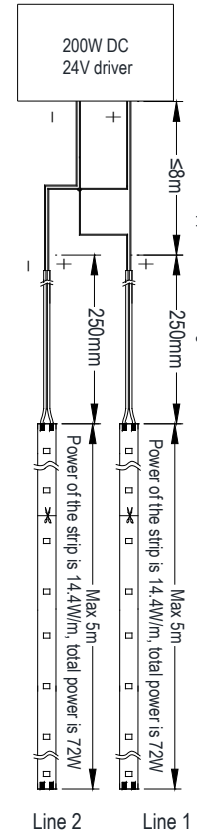
5.

Connect more than 5m - Type A.

Note:

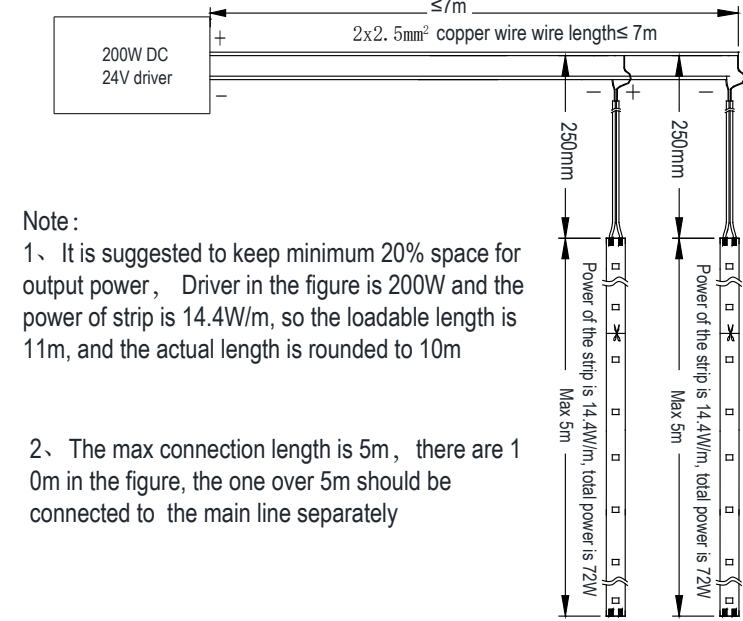
- 1、 It is suggested to keep minimum 20% space for output power, Driver in the figure is 200W and the power of strip is 14.4W/m, so the loadable length is 11m, and the actual length is rounded to 10m

- 2、 The max connection length is 5m, there are 10m in the figure. The strip over 5m should be led separately from the driver (led from the driver in two separate loop)



6.

Connect more than 5m - Type B



Note:

- 1、 It is suggested to keep minimum 20% space for output power, Driver in the figure is 200W and the power of strip is 14.4W/m, so the loadable length is 11m, and the actual length is rounded to 10m

- 2、 The max connection length is 5m, there are 10m in the figure, the one over 5m should be connected to the main line separately

7.

Maintenance

- to ensure the stable use of the product and prolong its service life, regular inspection and cleaning is needed
- Cleaning and inspection at least every 3 months with power off

Inspection Method

- Whether driver and chips work well
- Whether there is unusual smell, sound or heat.
- Whether there are breakage, or looseness, etc. If an abnormality is found, please immediately power off and stop using, and eliminate the abnormality in time.

Cleaning

- Gently wipe the product with a soft cloth.

8.