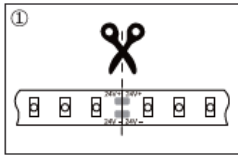
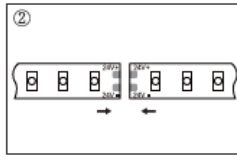


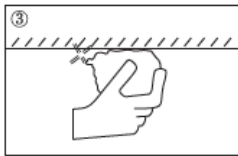
LED STRIP: IP20/IP55/IP66



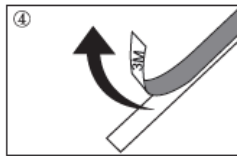
Cut LED strip as per demand.



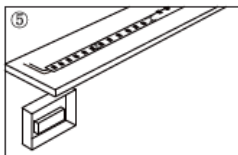
LED strip to LED strip or cable, refer to appendix 1 for solder, refer to appendix 3 for non-solder.



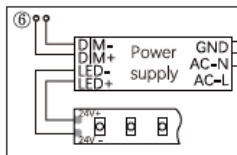
Clean application space.



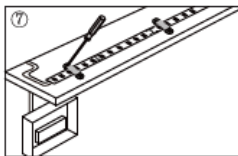
Peel off paper of 3M tape from solder side and then stick on application.



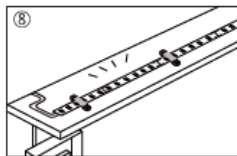
Install power supply at proper place, do not touch it by wet hand to avoid electric shock.



Connect LED strip to power supply, be aware of positive and negative anodes, refer to appendix 6.

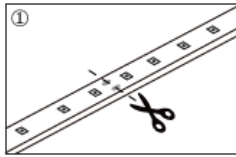


Fix LED strip.

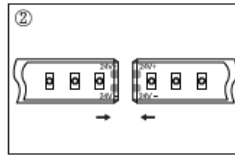


Electrify.

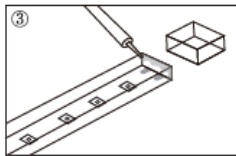
LED STRIP: IP65/IP67



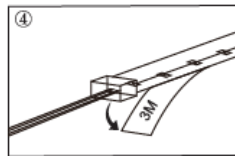
Cut LED strip as per demand.



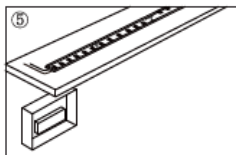
LED strip to LED strip or cable, refer to appendix 1 for solder, refer to appendix 4 for non-solder.



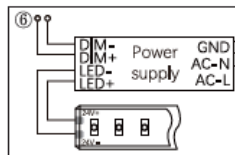
Put silicone glue at both sides then cover by end caps, leave to rest for 30 minutes to do further handling.



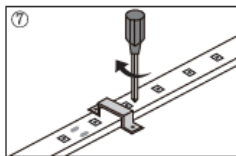
Clean application space, peel off paper of tape from solder side and then stick on application.



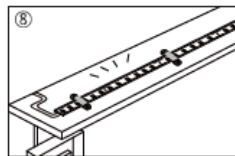
Install power supply at proper place, do not touch it by wet hand to avoid electric shock.



Connect LED strip to power supply, be aware of positive and negative anodes, refer to appendix 6.



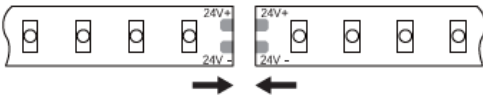
Fix LED strip.



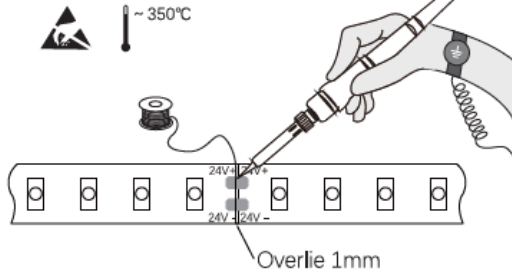
Electrify.

Appendix 1: Solder cable or FPC

1. FPC to FPC, line up LED strips, positive to positive, negative to negative.

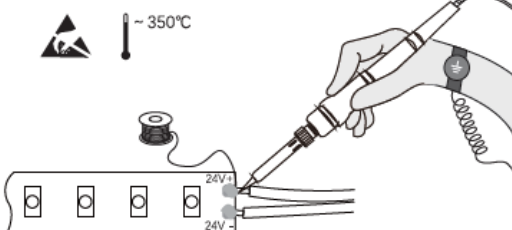


1.1 Wear electrostatic ring, overlie one FPC onto another FPC for around 1mm, solder around 3-5 seconds, temperature is no more than 350°C.



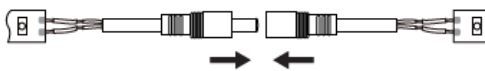
Overlie 1mm

2. FPC to cables, be aware of positive and negative anodes, wear electrostatic ring, solder around 3-5 seconds, temperature is no more than 350°C.

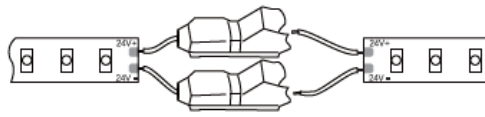


Appendix 2: cable with DC connector + cable connector

1. DC connector, refer to figure to do connection, positive to positive, negative to negative, then do insulation.



2. 1-pin cable connector, refer to figure, positive to positive, negative to negative, suitable for cables with external diameter less than 2.1mm.

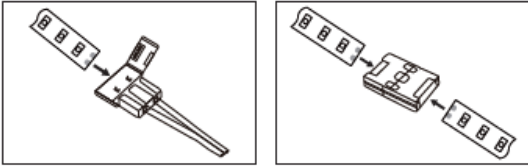


3. 2-pin cable connector, refer to figure, positive to positive, negative to negative, suitable for cables with external diameter 1.5-2.1mm.



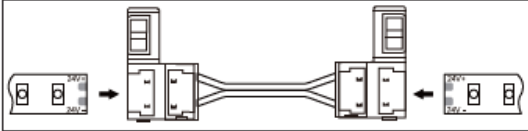
Appendix 3: IP20/IP55/IP66 nonsolder connector

1. Non-solder connector (IP20/IP66)



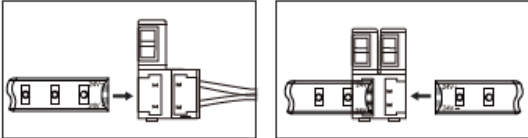
Cable+connector: open cap, insert LED strip, close (be aware of positive and negative anodes)

Connector without cables: open caps, insert strip, close (be aware of positive and negative anodes)



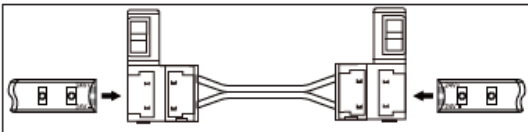
Connector+cables+connector: open caps, insert LED strip, close (be aware of positive and negative anodes).

2. Non-solder connector (IP55)



cable+connector: open cap, insert LED strip, close (be aware of positive and negative anodes)

Connector without cables: open caps, insert strip, close (be aware of positive and negative anodes)



Connector+cables+connector: open caps, insert LED strip, close (be aware of positive and negative anodes).

Appendix 4: IP65/IP67 non-solder connector

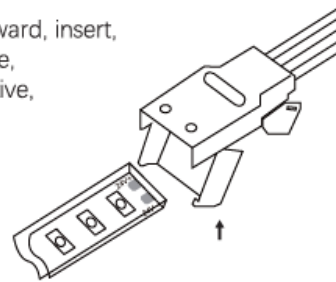
1. Cut LED strip as per demand.



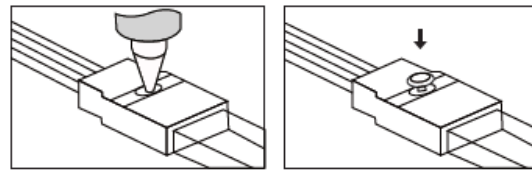
2. Peel off tape around 11mm (±2mm) .



3. Emit side is upward, insert, positive to positive, negative to negative, close cap.

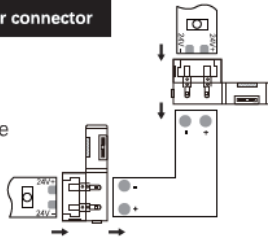


4. Inject silicone glue into connector, insert plug, leave to rest for 30 minutes to do further handling, fully dry within around 24 hours.

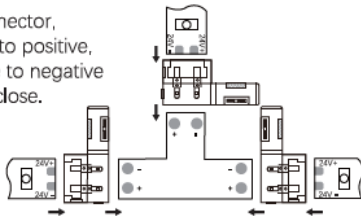


Appendix 5: corner connector

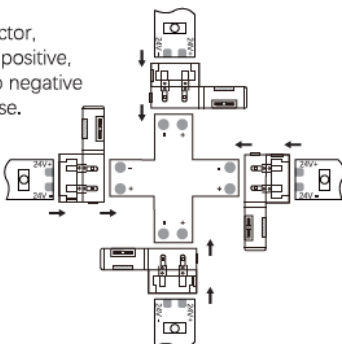
1. L connector, positive to positive, negative to negative, insert, close.



2. T connector, positive to positive, negative to negative, insert, close.

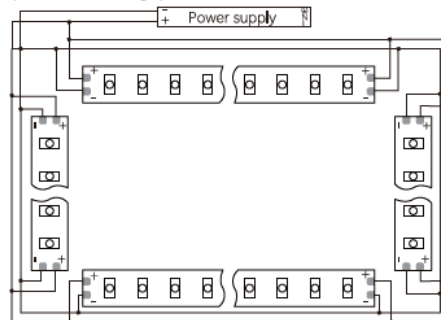


3. X connector, positive to positive, negative to negative, insert, close.

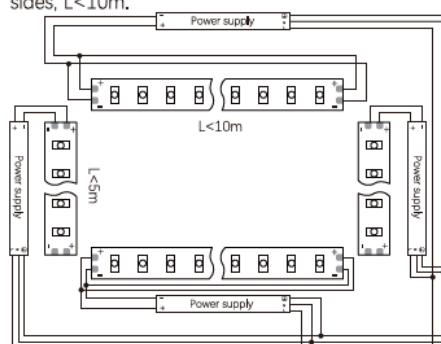


Appendix 6: diagram of power supply wiring

1. One power supply connects to several LED strips (constant voltage).

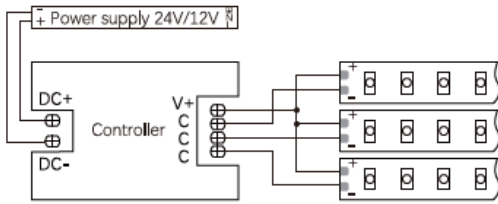


2. Several power supplies connect to several LED strips, connect to one side, L<5m, connect to both sides, L<10m.

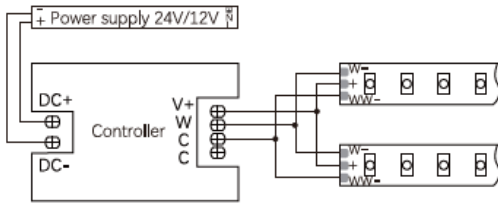


Appendix 7: diagram of controller wiring

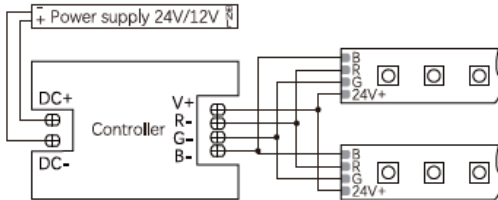
1. Homochromy dimming controller.



2. Dual-color tunable controller.

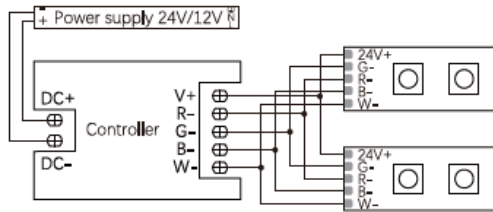


3. RGB controller.

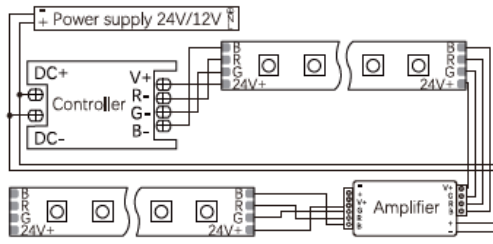


Appendix 7.2: diagram of controller wiring

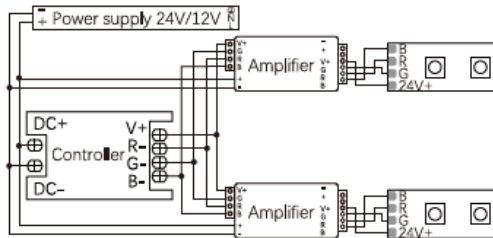
4. RGBW controller.



5. Diagram of amplifier series wiring.



6. Diagram of amplifier parallel wiring.



Note:

1. Read manuals attentively before installation.
2. Install by qualified electrician, be aware of antistatic factors.
3. Do not electrify it while installation is ongoing.
4. Cut off electricity while installing or removing.
5. Operating temperature: -20°C ~ +45°C.
6. Application space is with no chemical compositions such as sulphur, acid, halogen etc.

