

120V AC5050 LED Strip Lights

Installation Instructions



AC 5050 Bulk Reels are sold in 150ft lengths. Each reel includes (1) 5 ft removable power cord, (1) end cap and (50) plastic mounting clips. Mounting track (LS-TRACK-03) is available and sold separately at LEDSupply.com. To link sections of AC5050 Strip, use Strip Jumpers (LS-H2-JUMP), Corner Connectors (LS-AC50-L) or T-connectors (LS-AC50-T). Extra power cords are sold separately (LS-AC50-CONKIT).

Power Consumption = 2.3W/ft. ; Maximum run = 150 feet



WARNING: To reduce risk of fire, electric shock or injury to persons, make sure that the electrical power to the fixture is disconnected at the source prior to installation or any servicing.

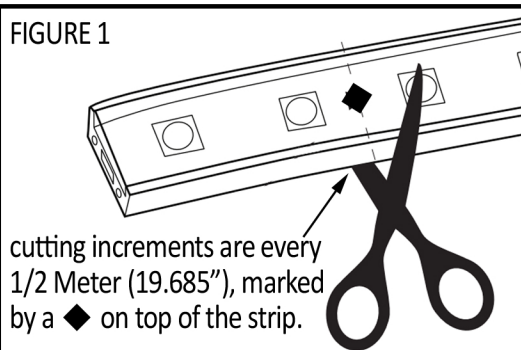
Connecting Power Connection Kit or Strip Jumpers

NOTE: Do not exceed 150ft maximum run distance in any single run. For outdoor use, apply silicone when making power connection and attaching end cap.

1. Determine the required length for strip light.
2. Cut the AC5050 squarely at the nearest cut mark using a sharp pair of shears or a utility knife against a hard surface (FIGURE 1). The AC50 Strip is wired in parallel with 1/2 Meter cutting increments. Cutting anywhere other than the end/beginning of a cutting increment (marked with a diamond) will damage the LEDs and internal wiring.
3. Hold the smooth pins of the power pin with a pair of pliers, line up the barbed pins with the two wires of the strip light. Push barbed pins into AC5050 until flush. (FIGURE 2)
4. Slide the heat shrink over power cord. (FIGURE 3)
5. Push the strip into the power cord sheath until fully inserted. Slide the heat shrink tube over the connection point so that it is centered over the junction.
6. Gently apply heat using a heat gun to seal the heat shrink over the connection.
7. Attach end cap to the other end of flexible light to cover exposed dead end.

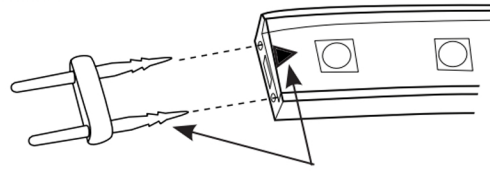
An important thing to note is the strip does have a correct and incorrect polarity. If the second strip does not light, the strip is likely just flipped around the wrong way, disconnect and connect to the opposite end of the strip light and this should fix the problem.

FIGURE 1



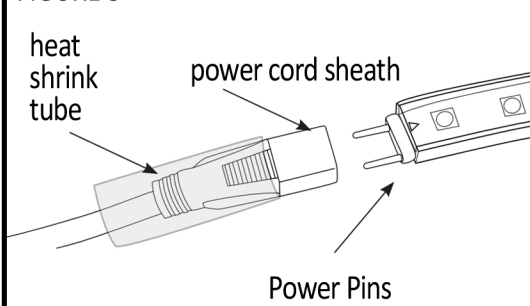
cutting increments are every 1/2 Meter (19.685"), marked by a ◆ on top of the strip.

FIGURE 2



Line up the barbed ends of the power pin with the wires inside the strip housing. Push pins in until solid contact is made.

FIGURE 3



Mounting with Clips

1. Attach mounting clips provided using nails or screws. Be sure that the mounting surface is mechanically sound.
2. Space Mounting Clips evenly apart from one another so that strip is supported evenly over the full length.

Mounting with Track

1. Using appropriate fasteners, attach mounting track to desired surface.
2. Gently press AC5050 strip into channel so that it snaps into place and the strip does not move.



WARNING:

- These products may represent a shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

- Do not operate AC5050 Strip light while it is coiled.

- Disconnect from power before installing or servicing in any way.