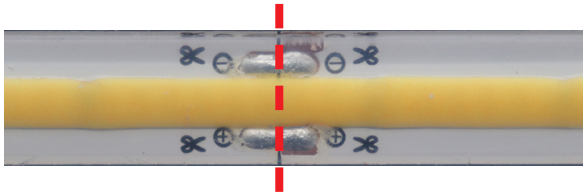# INSTRUCTIONS: CUT & CONNECT 120V COB
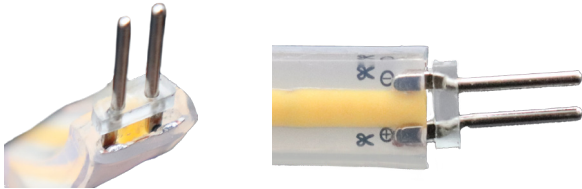
WARNING: Always work with the LED strip disconnected from power to avoid electric shock.
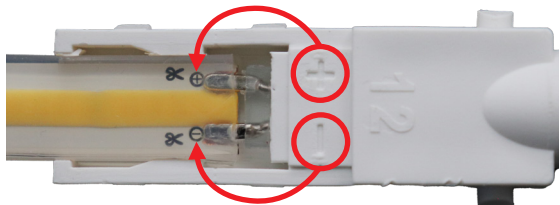
Materials Needed:
- 120V COB LED strip light
- Sharp scissors or strip light cutting tool
- Lumilum COB connector (power plug, interconnector cable, or end-to-end strip connector + included connecting pin)

1. Identify where you will be splicing. Using sharp scissors, make a straight cut along the marked cutting point (located every 4 inches) on the COB strip until it splits.

2. Take the included 2-prong connecting pin and ensure the round bottom is facing down. Insert the short side of pin into the strip end, creating a visible separation of the silicone layer and exposing the metal connection points. To make a proper connection, insert pins at a downward angle and feel the pin graze against contact points.

3. Because polarity only runs one way, locate the + and - on the power plug or COB connector and ensure the strip direction matches. Now insert the long side of the pin into the holes on your COB connector piece.

4. Plug in the strip to ensure it's working as intended - this step prevents any potential issues after installation. If the strip illuminates, you may now utilize the plastic fitting included with your COB connector piece to secure the connection.

TROUBLESHOOTING:

Polarity: The strip light does not illuminate, take polarity into account and ensure you have connected the strip in the proper direction. This can be done by checking that the + and - on the strip matches the direction of the + and - on the COB connector piece (see step 3).

Contact Issue: If it's confirmed that the strip is in the correct direction, re-check your pin connection - it may be that there is silicone in the way of the contact points.
Separate the silicone layer (see step 2) and re-insert the connecting pin, feeling the metal graze the contact point metal. This should fix any contact issues being experienced.

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