



T-DT24W-12V-HW



T-DT48W-12V-HW



T-DT60W-12V-HW



T-DT120W-12V-HW

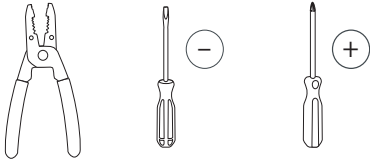
Power Supplies – Dimmable –for single color tape light

Part Number	Description and Use	Dimensions
T-DT24W-12V-HW	24W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT48W-12V-HW	48W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT60W-12V-HW	60W 12V DC dimmable class 2 LED hardwired	13-3/4" x 3" x 1-5/8"
T-DT120W-12V-HW	120W 12V DC dimmable LED hardwired	15" x 3-1/8" x 2-1/2"

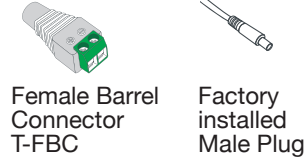
NOTE

- **DO NOT** connect low-voltage LED tape light to high-voltage power.
- Install in accordance with NEC and local regulations.
- Make all 120V AC connections inside UL Listed junction box
- Compatible with 120V magnetic low voltage dimmer switch
- NOT Compatible with the following dimmers, switches, or sensors: T-Q-1Z-WC-RF, T-Q-2Z-WC-RF, T-Q-4Z-WC-RF, T-1Z-MR-RF, T-PSS-60W-IR, T-DSS-30W-IR, T-TDS-60W, and T-MSS-60W
- NOT Compatible with RGB Inferno Series Multi-Color LED Tape Light
- Install in an accessible, well-ventilated area such as sink base or on top of cabinet. For best operation, do not locate in an attic or other area of high ambient temperature.

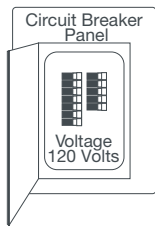
Tools Needed



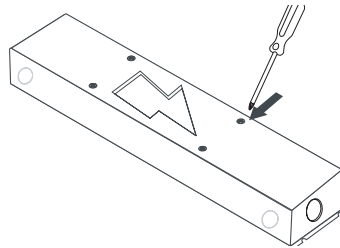
Product Legend



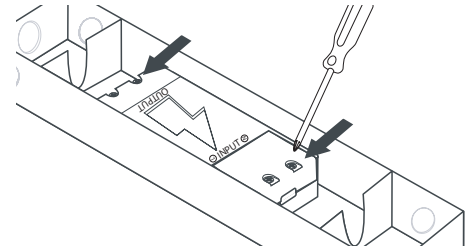
Wiring 120V AC side of Hardwired Dimmable Power Supply



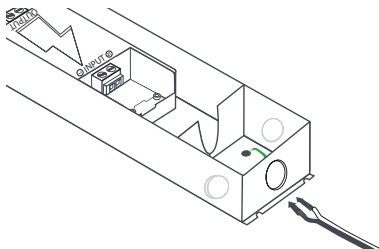
1. Turn off 120V AC power at Circuit Breaker Panel.



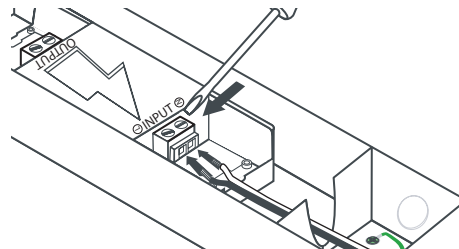
2. Use a screwdriver to remove Power Supply junction box lid. Knock out one of the openings to the junction box.



3. Remove screws from Power Supply wire port covers; remove covers.

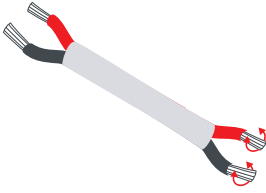


4. Thread 120V AC wire into junction box through knock out. (Terminals on the 120V AC side will accept up to 12AWG solid-core copper wire.)

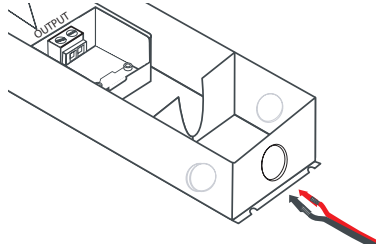


5. Loosen screws on the INPUT side of Power Supply. Insert Black wire to terminal (L), White wire to terminal (N), Green wire to grounding stud. Tighten screws.

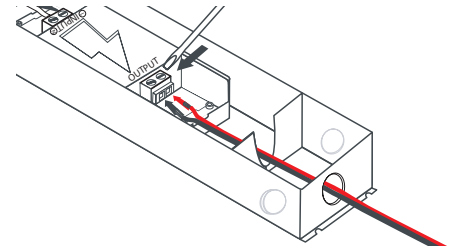
Wiring 12V DC side of Hardwired Dimmable Power Supply



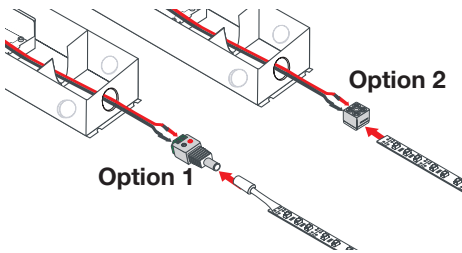
1. Cut length of wire to run from Power Supply to the installation location of the LED Tape Light. Strip 1/4" from both ends of wire, twist, and fold stripped wire section in half.



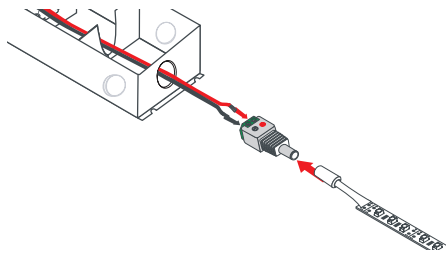
2. Knock out one of the openings on the **Output** side of the junction box. Thread connection wires through knock out.



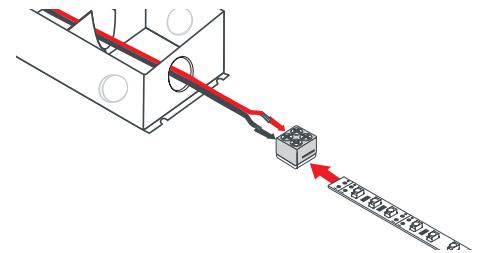
3. On the **Output** side of Power Supply, insert Red wire into terminal (V+) Red, Black wire to (V-) Black; tighten screws.



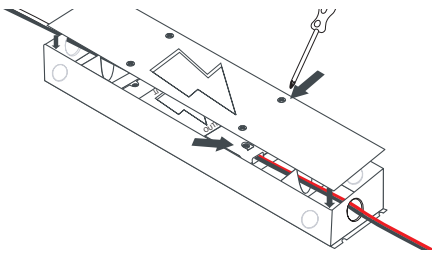
4. Connect the other end of stripped wires to LED Tape Light using one of the illumLED Connectors, Red wire to (+), Black wire to (-). See **Option 1** or **Option 2** for connecting.



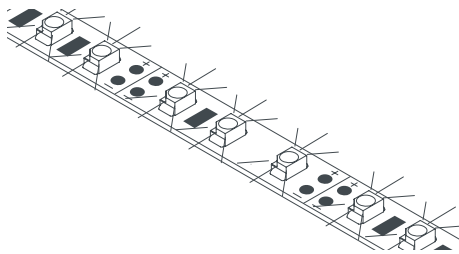
5. Option 1 – Using LED Tape Light Factory Installed Female Plug
Insert stripped wires into the terminals of a Male Barrel Connector T-MBC, Red wire to (+), Black wire to (-), tighten screws. Plug into Female Plug on end of the LED Tape Light.



5. Option 2 – Using L-8MM-EZ Connectors Cut factory installed Female Plug off the end of the LED Tape Light. Use #1 Phillips to loosen the 4 terminal screws on 8MM-EZ Connector. Peel 1/2" of the adhesive protector from back of LED Tape Light, insert into connector, evenly tighten screws. Insert wires into terminals, Red wire to (+) side of tape, Black wire to (-) side of tape; tighten screws. Check all connections for wire polarity – Red wire to (+), Black wire to (-).

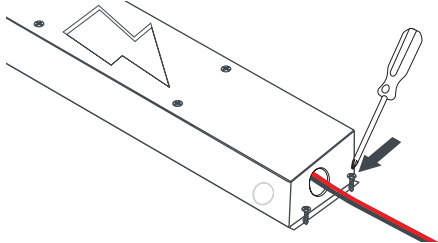


6. Position port covers back in place and tighten screws. Replace lid on junction box and tighten the 4 screws.



7. Turn on 120V AC power to Power Supply and switch lights on.

Mounting Hardwired Dimmable Power Supply



1. Position junction box in place and use screws to secure to mounting surface.