

Product of choice for a multitude of residential, commercial and industrial lighting applications, our 12 V transformer is the most efficient compact-sized lighting transformer on the market today. Rated for both outdoor and indoor use, our solution is designed to respond to the lighting industry's new energy and reliability requirements.

### BEFORE YOU BEGIN

- Verify the label to ensure your product has the proper input voltage and wattage specification for its usage.
- Ensure your product wire markings match the MX LIGHTFORCE 12 V DC wiring diagram.

**12 V  
DC**

**150 W**

**DIMMABLE**

**INDOOR  
OUTDOOR**



### STEP 1 MOUNTING

- Install the lighting transformer vertically with the junction box pointing down as shown in diagram.
- Use the two keyholes to mount the product on a backing capable of supporting its weight.
- Open the hinged door
- Punch the knockouts and install strain reliefs.



Lighting Transformer 150 W

### STEP 2 CONNECT

For all wire connections use only UL listed wire nuts and connectors of proper size and type.

- Turn power off.
- Route the input wires through a strain relief.
- Connect BLACK and WHITE wires to the 120 V AC line
- Bring the light fixture wires through the open knockout.
- Connect the light fixture wires to the RED and BLUE wires.
- Connect the ground wire to the transformer GREEN wire.
- Check that the GRAY wire has a protective cap if you don't use the Boost Tap.

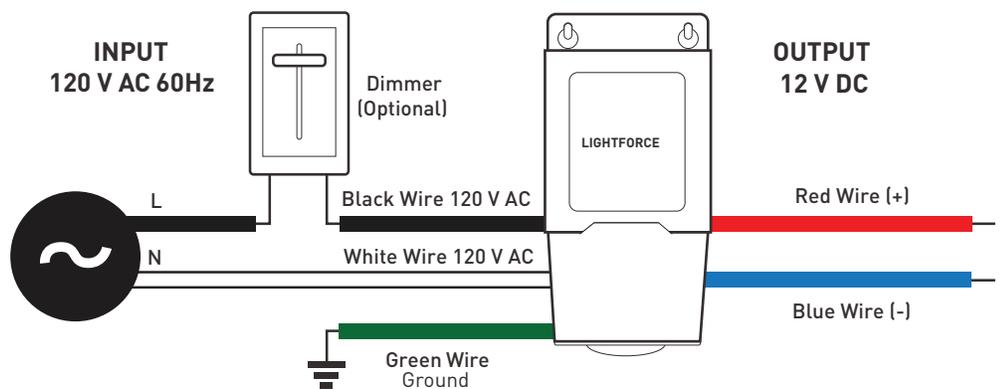
#### TO INSTALL WITH TAP (10% BOOST)

- Disconnect YELLOW wire from BROWN wire (quick-connect terminals)
- Remove protective cap from GRAY wire terminal and connect GRAY and YELLOW wires.
- Place protective cap on BROWN wire terminal.

## IMPORTANT

lighting transformer must be:

- **installed by qualified electricians** and in accordance with Article 450 of the National Electric Code.
- **installed in a well-ventilated area**, free from explosive gases and vapors. Proper operation requires for free flow of air.
- **grounded** in accordance with the National Electric Code.
- **connected** to the load before applying input power (120V AC) when used with MLV TRIAC dimmers or dimmers may not function properly.



The content of this document are subject to change without notice