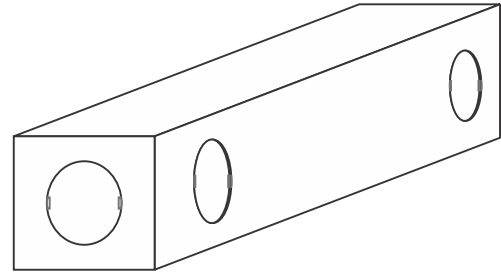


Installation Instructions for **300 Watt Remote Electronic Transformer** **120 Volt Input to 12 Volt Single Feed Output**

SAVE THESE INSTRUCTIONS!



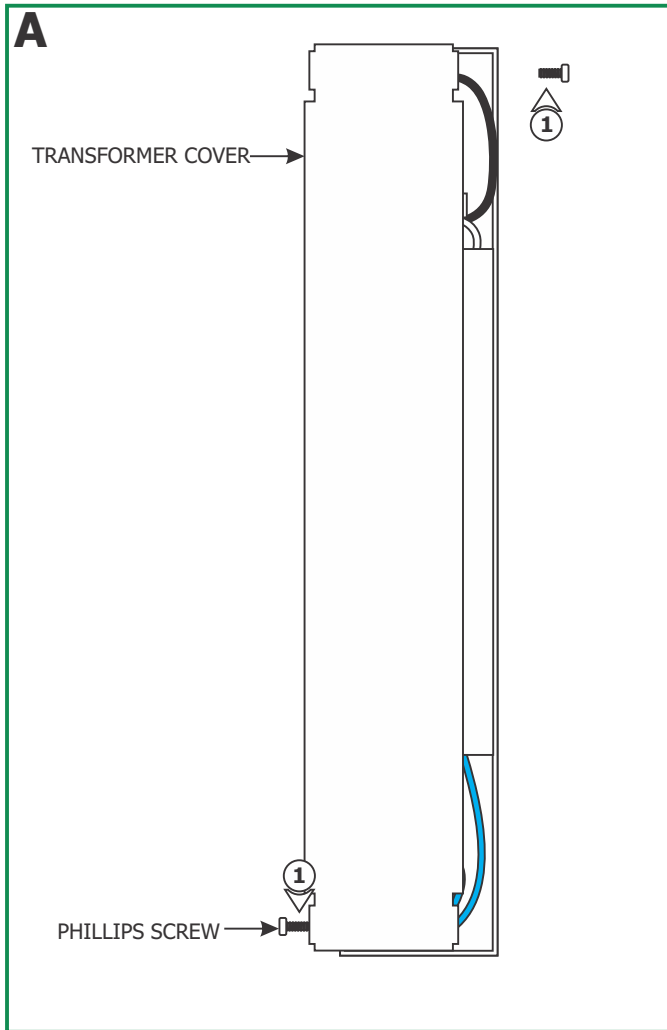
GENERAL INFORMATION

- **RISK OF FIRE:** This product must be installed by a qualified electrician. Turn the power to the electrical box off during installation. Read the "Important Safety Instructions " before installation.
- This product is suitable only for indoor dry locations and approved for the use at any height above the finished floor.
- This product may be dimmed only with a low voltage magnetic dimmer. Using a dimmer other than specified may work initially, but will eventually cause transformer failure and void the warranty. The dimmer must be derated as indicated by the dimmer manufacturer.
- A typical installation is shown. Specific installation must be in accordance with the local electrical codes.
- **TO REDUCE RISK OF FIRE,** it is important to wire the remote transformer for the system as described in this installation instruction.
- Load the circuit of the remote transformer to **MAXIMUM 300** Watt.

IMPORTANT SAFETY INSTRUCTIONS

- Do not install this lighting system in a damp or wet location.
- Do not conceal or extend bus bar conductor through building wall.
- To reduce the risk of fire and burns, do not install this lighting system where the insulated open bus bar conductors can be shorted or contact any conductive materials.
- To reduce the risk of the system overheating and possibly causing a fire, make sure all the connections are tight.
- Do not install fixture assemblies closer than six inches or as specified in the fixture installation instructions to curtains or similarly combustible materials.
- Turn the electrical power off before modifying the lighting system in any way.
- The fixtures used with the Edge Lighting systems must be identified for use with the corresponding Edge Lighting systems.
- Minimum volume of the electrical box must be 6 cubic inches (98 cubic centimeters).
- The system is "ETL" listed for USA and Canada only when all the products used are supplied by Edge Lighting.

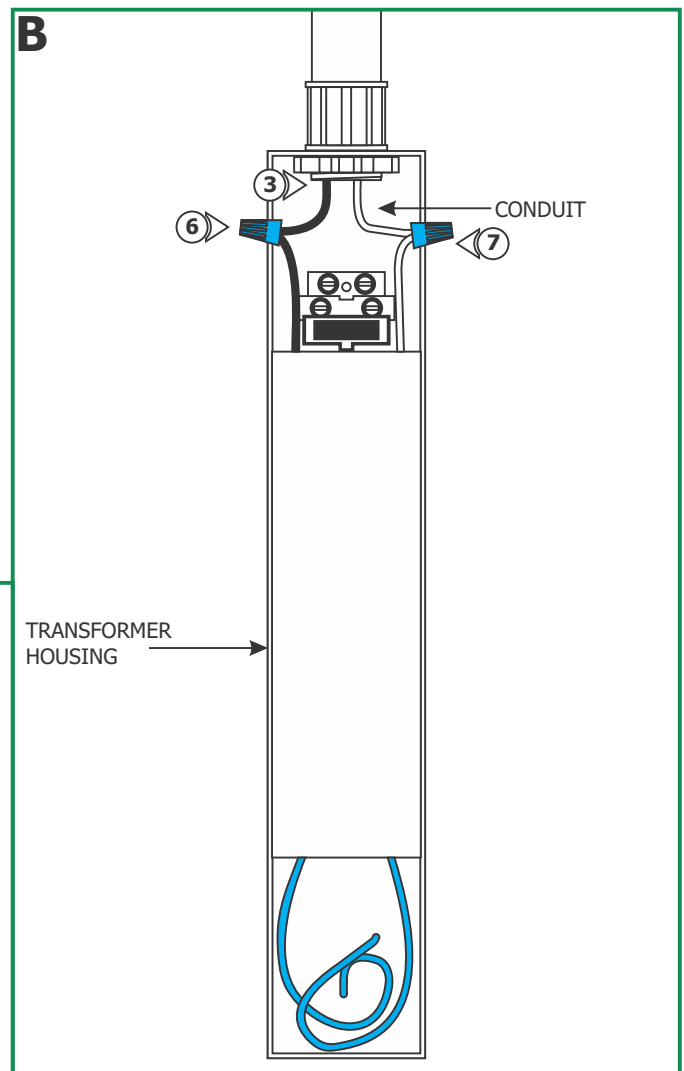
Install the Remote Transformer



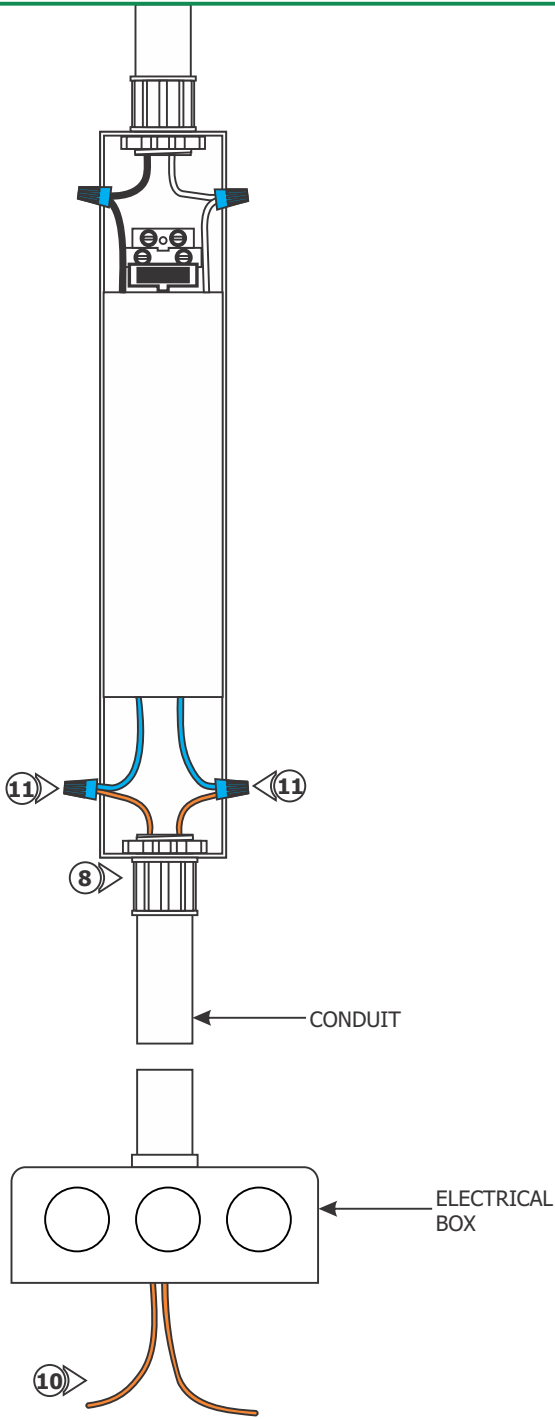
NOTE: In order to use small gauge wires from the transformer to the electrical box, it is recommended to install the remote transformers as near as possible to the electrical box. See "Low Voltage Wire Size Chart" on page 3.

1: Loosen and remove the two Phillips screws on the sides of the transformer to remove the transformer cover.

- 2:** Secure the transformer housing in place (hardware not included).
- 3:** Install a conduit and power wires from the panel to the transformer.
- 4:** **DO NOT** connect the power wires to the panel at this time.
- 5:** Ground the transformer housing in accordance with local electrical codes.
- 6:** Connect the 120V black transformer wire to the hot power with a wire nut.
- 7:** Connect the 120V white transformer wire to the neutral



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8: Install a conduit from the transformer to the electrical box.

9: For the best performance, use the "Low Voltage Wire Size Chart" below to select the wire size.

NOTE: Using a smaller wire size other than specified will result in a increase in voltage drop and will reduce the lamp intensity.

NOTE: The THHN wire sizes specified in "Low Voltage Wire Size Chart" are for 3% or less drop in voltage based on 300 watt loads. Lengths are the distance from the remote transformer to the system power feed connector, or power feed canopy.

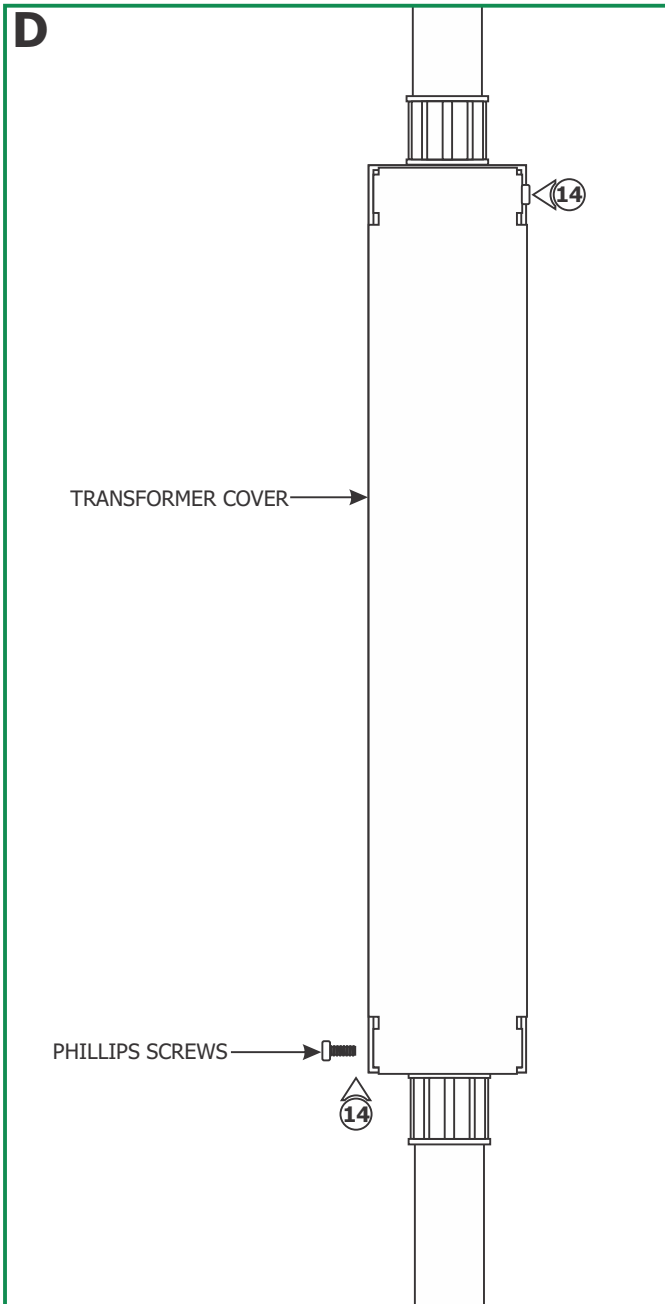
10: Install the THHN low voltage wires from the transformer to the electrical box where the power feed will be installed.

11: Connect one blue transformer wire to each low voltage wire

300W, 12VAC LOW VOLTAGE WIRE SIZE CHART (3% VOLTAGE DROP)

TOTAL CIRCUIT DISTANCE	UP TO 6FT	7FT-10FT	11FT-16FT	17FT-25FT	26FT-30FT	40FT-48FT
WIRE SIZE	10 AWG	8 AWG	6 AWG	4 AWG	3 AWG	1 AWG

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12: Connect the 120 volt power line wires at the panel.

13: After operating the system for a few minutes, on the low voltage side, all electrical connection points should be no more than warm to the touch. If a connection is hot to the touch, retighten the connection and check to ensure that the temperature decreases.

14: Replace the transformer cover and tighten the two Phillips screws on the sides of the transformer.