

Installation Instructions for 120 Volt to 24 Volt DC Single Feed 60W Remote Electronic Transformer

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GENERAL PRODUCT INFORMATION:

This transformer is safety listed for use with low voltage lighting systems offered by Ambiance Lighting.

This product is safety listed only for indoor dry locations and approved for use at any height above the finished floor.

A typical installation is shown. Specific installation must be in accordance with the local electrical codes.

This product may be dimmed only with a low voltage electronic dimmer. Using a dimmer not designed for low voltage electronic applications may work initially, but could eventually cause transformer failure and will void the warranty. The dimmer must be derated as indicated by the dimmer manufacturer.

During installation, make sure all power connections are tight.

Read all instructions thoroughly. Read "Important Safety Information" on next column before proceeding with the installation.

Important Safety Information

Do not conceal or extend bus bar conductors through a building wall.

To reduce the risk of fire and burns, do not install this lighting system where the uninsulated 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 to curtains or similarly combustible materials.

Turn the electrical power off before modifying the lighting system in any way.

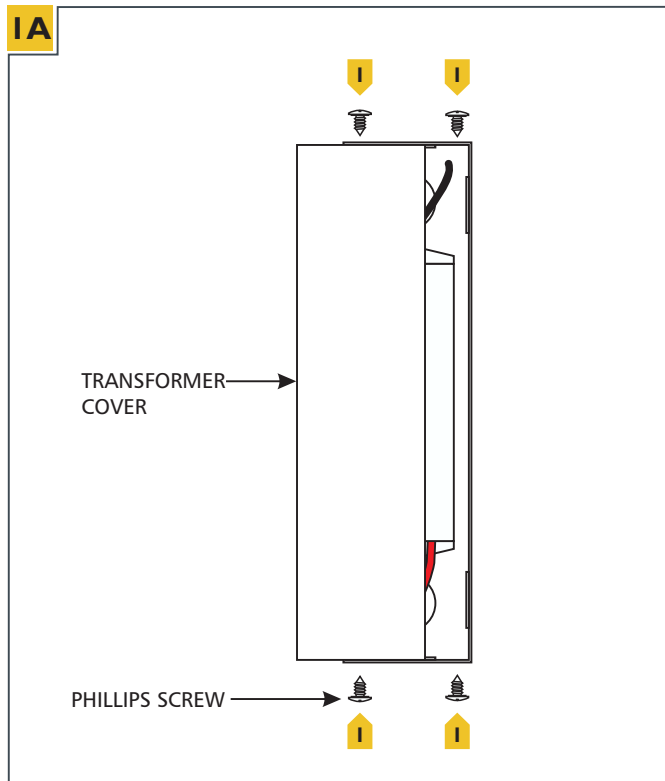
The fixtures used with the system must be identified for use with the corresponding system.

To Reduce Risk of Fire, it is important to wire the remote transformer for the system as described in this installation instruction.

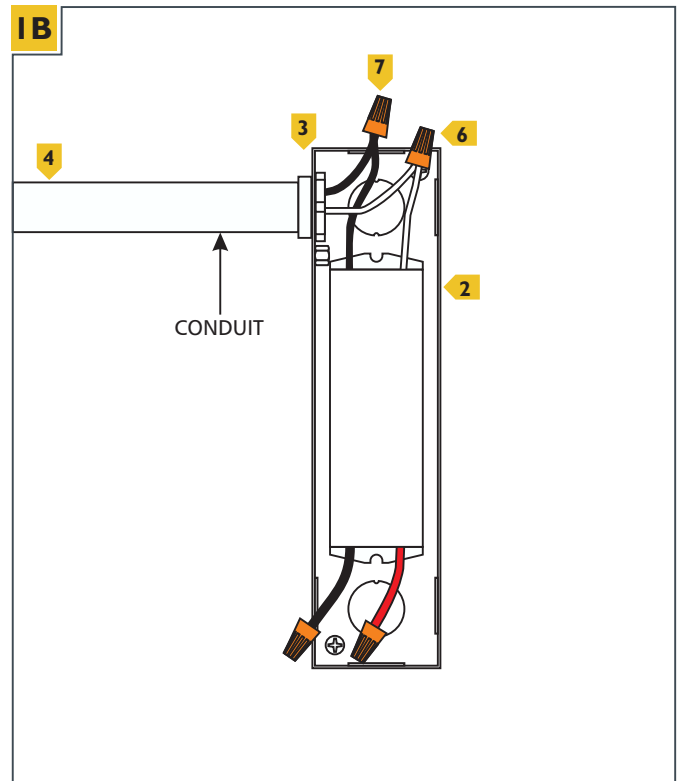
The circuit of the remote transformer is rated at a **MAXIMUM** of 60 Watts. Do not exceed.

SAVE THESE INSTRUCTIONS!

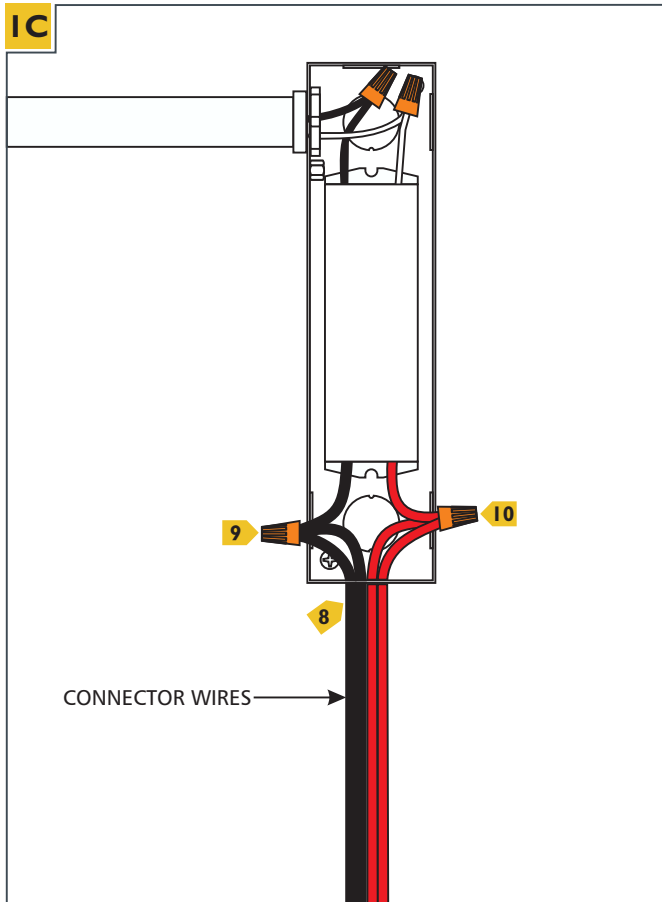
Install the Remote Transformer



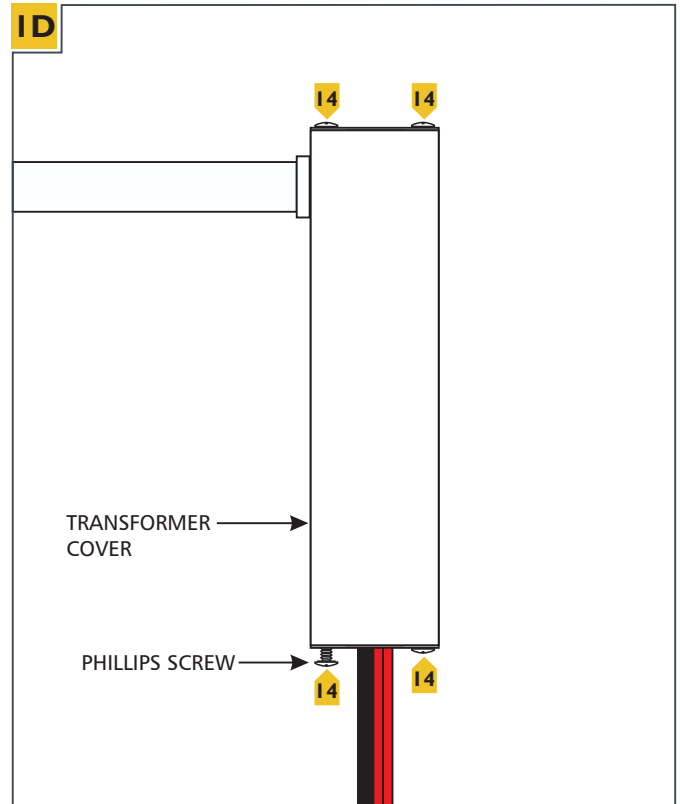
- 1** Remove the four Phillips screws to remove the transformer cover.



- 2** Secure the transformer housing in place (hardware not included).
- 3** Install a conduit and power line wires from the panel to the remote transformer.
- 4** **Do not** connect the power line wires to the panel at this time.
- 5** Make sure the transformer housing is grounded in accordance with local electrical codes.
- 6** Connect the transformer white wire to the neutral power line wire with a wire nut.
- 7** Connect the transformer black wire to the hot power line wire with a wire nut.



- 8** Feed the connector wires through the transformer.
- 9** Connect the black transformer wire to the black connector wires with a wire nut.
- 10** Connect the red transformer wire to the red connector wires with a wire nut.



- 11** Connect the 120 volt power line wires at the panel.
- 12** After installing the entire system, operate the system for five 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.
- 13** Replace the transformer cover and tighten the four Phillips screws.