

# M50LHV12DC Installation Instructions

## General

This transformer is to be installed in accordance with Article 450 of the National Electric Code. The transformer must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires the free flow of air. As this transformer is hardwired, it should only be installed by a qualified electrician.

## Precautions Before Installing

Check the label and ensure the transformer has the proper input voltage, output voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this instruction sheet.

## Mounting

Select a suitable location capable of supporting the weight of the transformer. Use the two keyholes provided on the mounting flange. It is recommended that the transformer be mounted vertically with the wiring compartment pointing down.

## Input Connections/Grounding

Remove the wiring compartment knockouts and install strain reliefs. With power turned off, route the input wires through a strain relief and connect one wire to orange and one wire to white. For all wire connections use only UL listed wire nuts and connectors of suitable size and type. The transformer case **MUST** be grounded in accordance with the N.E.C. Connect the ground wire to the transformer green wire.

## Output Connections

Bring the wires of the light fixture through the other open knockout and connect them to the transformer wires - positive to the red wire and negative to the blue wire.

