



# TOKISTAR LIGHTING INSTRUCTION MANUAL

## T12/150-230 12 VOLT/150 WATT TRANSFORMER

### General

This transformer is to be installed in accordance with all applicable codes. The transformer must be installed in a well ventilated area free from explosive gases and vapors. Proper operation requires the free flow of air. Only a qualified electrician should install this hardwired transformer.

### 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. The transformer must be mounted vertically with the wiring compartment pointing down.

### Input Connections/Grounding

Remove the wiring compartment knockouts and install strain reliefs. With the power turned off, route the input wires through a strain relief and connect one wire to brown and one wire to white. For all wire connections use only wire nuts or connectors of suitable type and size.

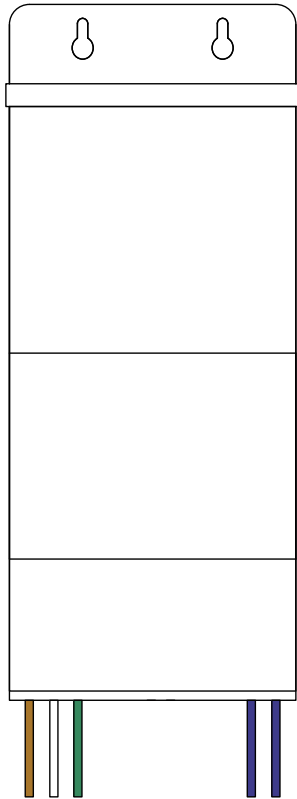
The transformer case MUST be grounded in accordance with all applicable codes. Connect the transformer green wire to ground.

### Output Connections

With all unused leads insulated, turn power to the unit on. Check the secondary voltage to be sure it is right for the load. Turn power to the transformer off. Remove the wiring compartment knockouts and install strain reliefs for the lead wires from the lighting fixtures. Each set of lighting fixture leads should be routed through the strain relief and connected to the set of blue wires.

### Transformer Data

|                       |                |
|-----------------------|----------------|
| INPUT VOLTAGE         | 230VAC / 50 Hz |
| OUTPUT VOLTAGE        | 12 VAC         |
| CAPACITY (WATTS)      | 150 VA         |
| INSTALLED BREAKER (s) | 1 @ 20 Amps    |
| WEIGHT                | 2.7 Kg         |



**INPUT WIRES**  
Brown & White  
**GROUND:** Green  
**OUTPUT WIRES:**  
Blue and Blue

# TOKISTAR LIGHTING

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