

# TR150

120V MAGNETIC TRANSFORMER

## Standard Installation



Flammable



Warning



High Voltage



Hot Surface

### TOOLS NEEDED:



Waterproof Wire Connectors



Mounting Hardware

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

**SAVE THESE INSTRUCTIONS**

### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

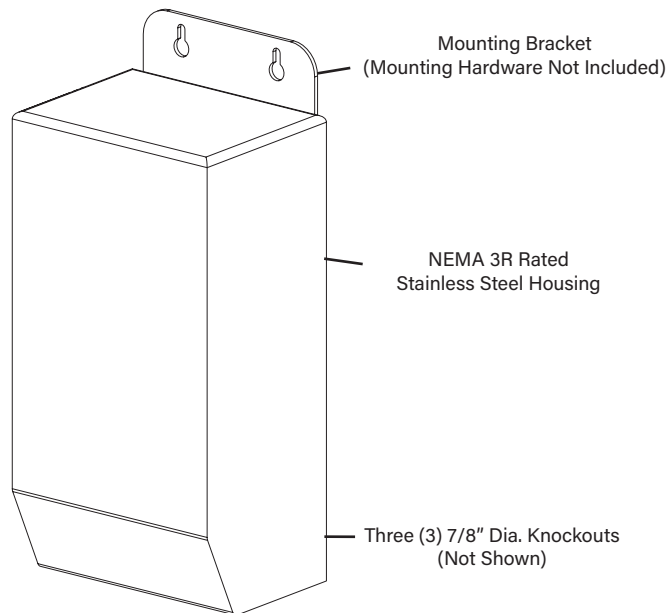
- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations

Please refer to the low voltage design guide at [www.bklighting.com/lvguide](http://www.bklighting.com/lvguide) before installation for proper wire selection.

For LED sourced products, do not exceed more than 80% of the maximum load of the transformer.



TR150-120

### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

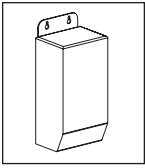
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RELEASE DATE  
08/28/2024

REFERENCE NUMBER  
INS-2455-00

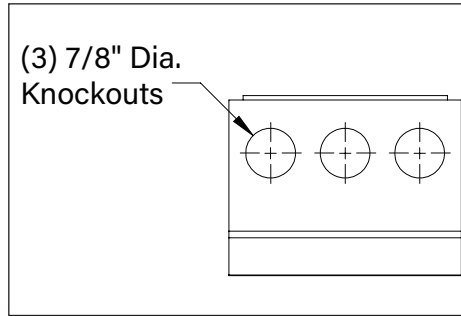
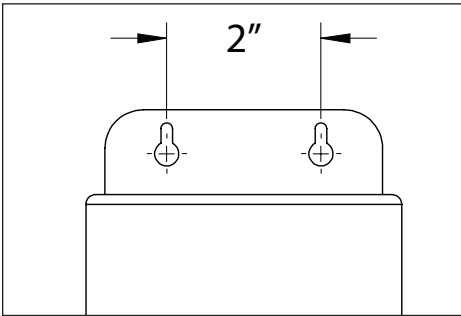
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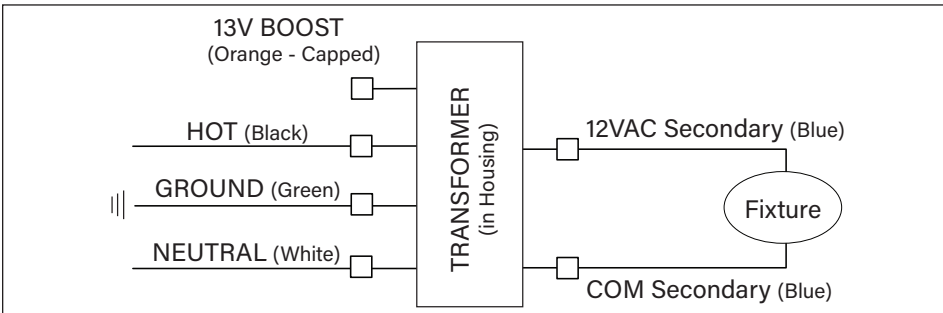
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# TR150

120V MAGNETIC TRANSFORMER

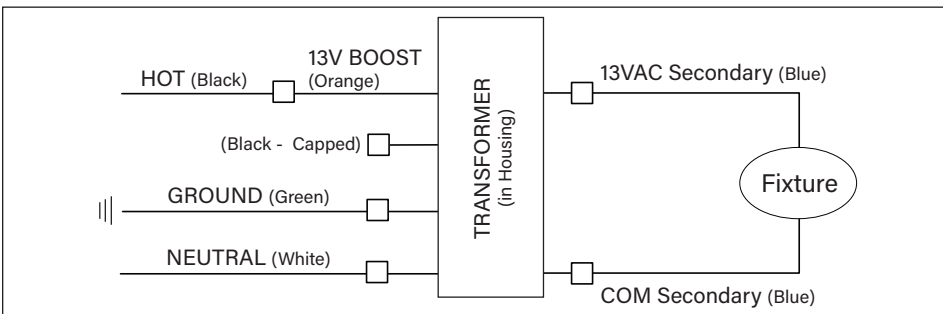


1. Mount transformer stainless steel housing with proper hardware for surface (hardware not included). Clearance holes are 2" apart on center.
2. Stainless steel housing has three (3) 7/8" diameter knockouts located on bottom of housing.



**WIRING DIAGRAM - 12V Output**

- 3A. For 12V output wiring: Ground incoming primary ground wire to green wire from TR housing. Make watertight connections from incoming primary line voltage (black) to black primary side of transformer. Connect incoming primary common (white) to white primary side of transformer. Orange boost wire from primary side of transformer must be capped for 12V wiring. Connect secondary side of transformer (blue wires) to fixture leads. **See wiring diagram.**



**WIRING DIAGRAM - 13V Output**

- 3B. For 13V output wiring: Ground incoming primary ground wire to green wire from TR housing. Make watertight connections from incoming primary line voltage (black) to orange boost wire from primary side of transformer. Connect incoming primary common (white) to white primary side of transformer. Black wire from transformer primary side must be capped for 13V wiring. Connect secondary side of transformer (blue wires) to fixture leads. **See wiring diagram.**

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS**



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