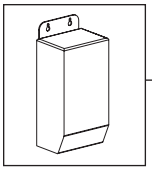


TR600

120V MAGNETIC TRANSFORMER

Standard Installation

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

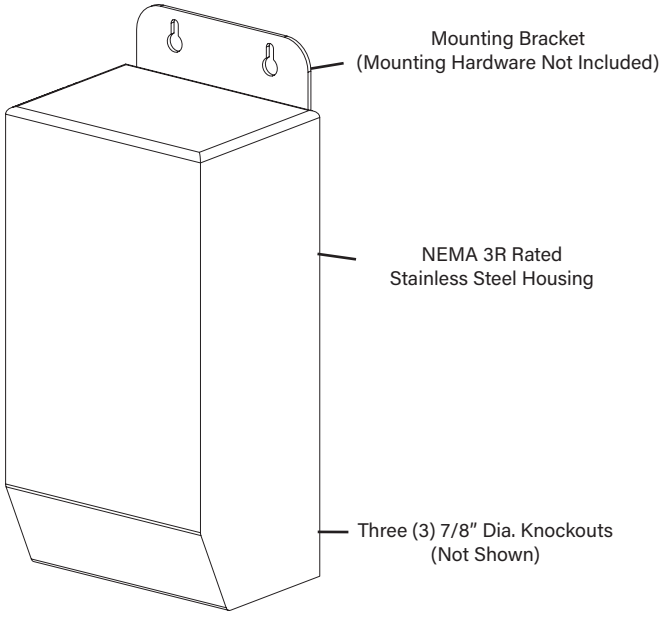
- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate 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 before installation for proper wire selection.

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



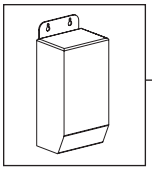
TR600-120

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

TEKA ILLUMINATION
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.tekaillumination.com • info@tekaillumination.com

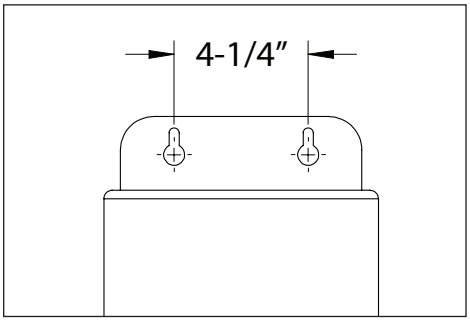
RELEASE DATE 08/28/2024
REFERENCE NUMBER INS-2457-00

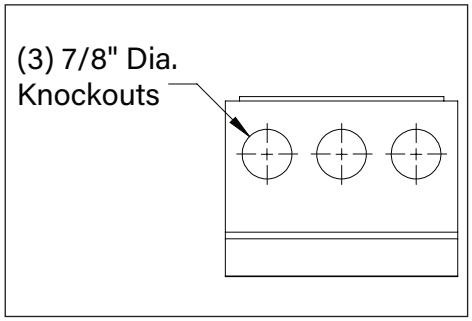
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF TEKA ILLUMINATION AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF TEKA ILLUMINATION IS STRICTLY FORBIDDEN.



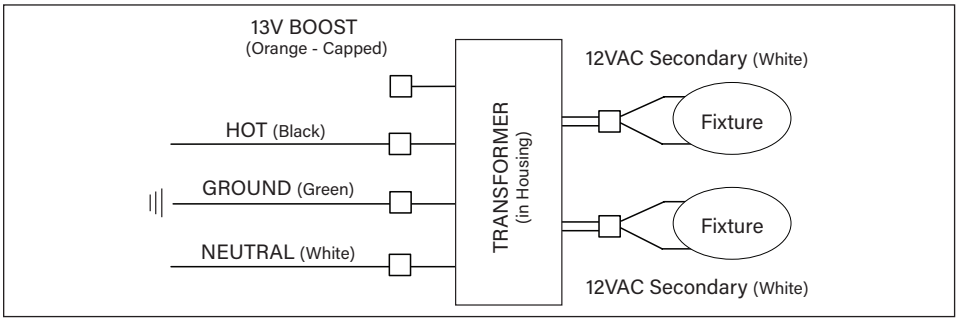
TR600
120V MAGNETIC TRANSFORMER

Standard Installation



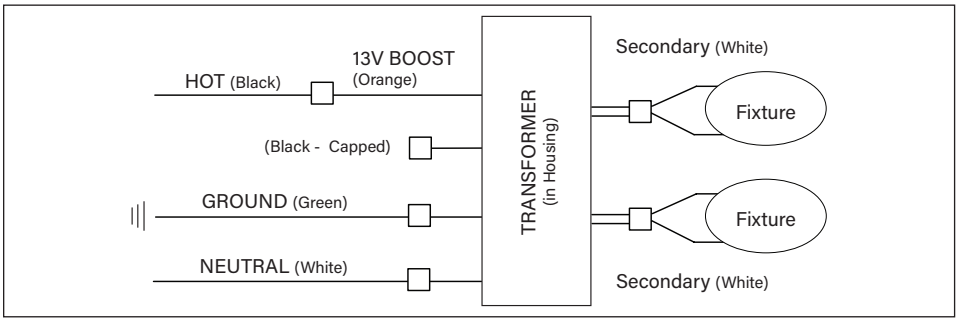


1. Mount transformer stainless steel housing with proper hardware for surface (hardware not included). Clearance holes are 4-1/4” apart on center.
2. Stainless steel housing has three (3) 7/8” diameter knockouts located on bottom of housing.



WIRING DIAGRAM - 12V Output

3A. For 12V output wiring: Ground incoming primary ground wire to green wire from TR600 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 sides of transformer (white) to fixture leads. **See wiring diagram.**



WIRING DIAGRAM - 13V Output

3B. For 13V output wiring: Ground incoming primary ground wire to green wire from TR600 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 sides of transformer (white) to fixture leads. **See wiring diagram.**

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