

SAFETY GUIDELINES

READ CAREFULLY BEFORE INSTALLING.
RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

- **WARNING - Risk of electric shock.** Turn off electrical power at fuse or circuit breaker box.
- **WARNING** - This product must be installed in accordance with applicable manufacturer installation instructions.
- Installation must be performed only by a licensed electrician in accordance with the National Electrical Code (NEC) and local electrical codes. Proper grounding is required for safety.
- **WARNING** - Do not disassemble lamp. The product has no serviceable parts inside.
- **WARNING** - To prevent wiring damage or abrasion, do not expose wiring to sharp edges of housing or other sharp surfaces.
- **WARNING** - This device is not intended for use with emergency exit.
- **CAUTION** - If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.), immediately turn off power, remove the lamp from luminaire, and contact the manufacturer.
- Designed for use with 100-277V 50-60Hz.
- Operating Temperature: -30°~60°C (-20°~140°F)

TGS cannot and will not be liable for any modifications or results of modifications to electrical devices or fixtures. These instructions are provided as a reference. By using the included instructions, you are solely responsible for following all applicable electrical safety procedures, codes, methods, and materials. If you are unsure about any electrical modification or installation, please consult a licensed electrician or electrical contractor in your area.

NOTE: Lamp can be used with open and enclosed fixtures.
54W lamps: When used in enclosed fixture, minimum compartment dimensions: 7.874"x11.811"

Installation Instructions:

- Unpack and carefully examine the product.
- Report any damage and save all packing materials if any parts were damaged during shipping.
- Do not attempt to use this lamp if it is damaged.

STEP 1: Turn off the power at the circuit breaker and AC switch before attempting work on the fixture.

STEP 2: Bypass the ballast, capacitor, and ignitor, where applicable. (Figure 1)

STEP 3: Connect the two common wires from power source directly to the corresponding leads on socket.
NOTE: The socket of the lampholder must be CONNECTED to the NEUTRAL wire (white or gray). (Figure 2)

STEP 4: Screw the TGS Universal Light™ lamp into the fixture. Ensure that the bulb is seated firmly.

STEP 5: Turn on the circuit breaker and AC switch.

STEP 6: Turn on the ON / OFF Switch to verify proper operation.

