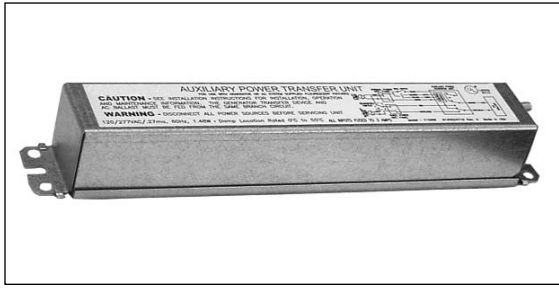


Type No. \_\_\_\_\_  
Job Name \_\_\_\_\_  
Catalog No. \_\_\_\_\_



Shown: FLTC



## FLTC

### Fluorescent Lighting Transfer Circuit

#### Housing

- Housing and cover are constructed of 24 gauge galvanized steel
- Low profile housing allows mounting in most low profile fluorescent fixtures with low profile AC ballast

#### Illumination

- Emergency illumination is provided to designated fluorescent fixtures by transferring backup generator or inverter power to the AC ballast
- The designated emergency fixture can be locally switched, and will provide full rated light output when operating from emergency power

#### Installation

- The FLTC is designed to be factory or field installed in the fixtures ballast channel or mounted on top when using the supplied end cap
- One FLTC device is required per lighting fixture

#### Application

- Ideal for commercial, retail, or office locations where local wall switch control of fluorescent luminaires connected to an emergency power source (generator, lighting inverter) is desired

#### Warranty

Electronics: 5 years full

#### Electronics

- 120/277 VAC dual input voltage with all inputs fused to 3 amps

#### Electrical Specifications

- 120/277 VAC - .27mA - 1.48 watts
- All inputs fused to 3 amp

#### Code Compliance

- UL 924 "Auxiliary Power and Lighting Equipment" listed
- UL damp location listing standard
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

#### Operating Temperature Range

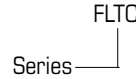
- 32°F (0°C) to 131°F (55°C)

# FLTC - Fluorescent Lighting Transfer Circuit

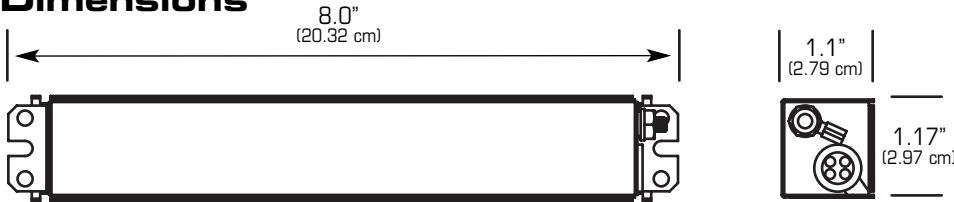
## Ordering Information

<b>FLTC</b>
<b>SERIES</b>
<b>FLTC</b> = Fluorescent Lighting Transfer Circuit

## Ordering Example



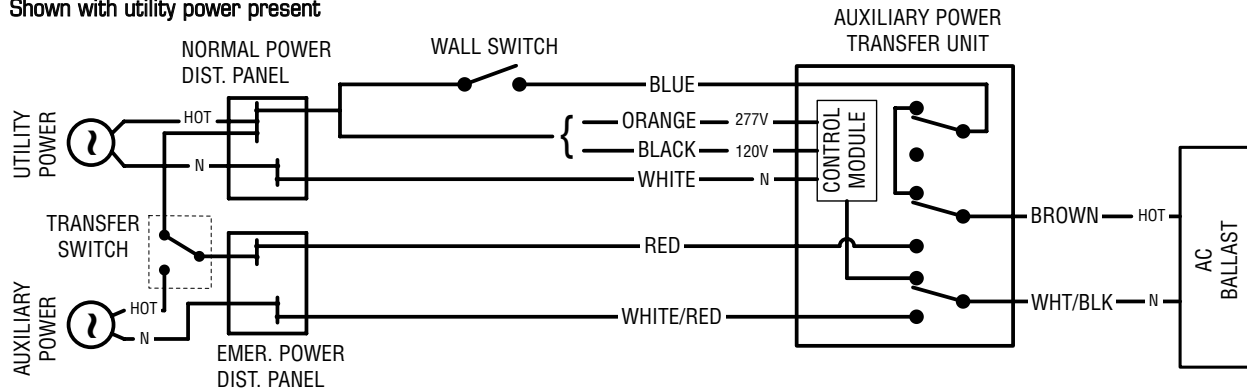
## Dimensions



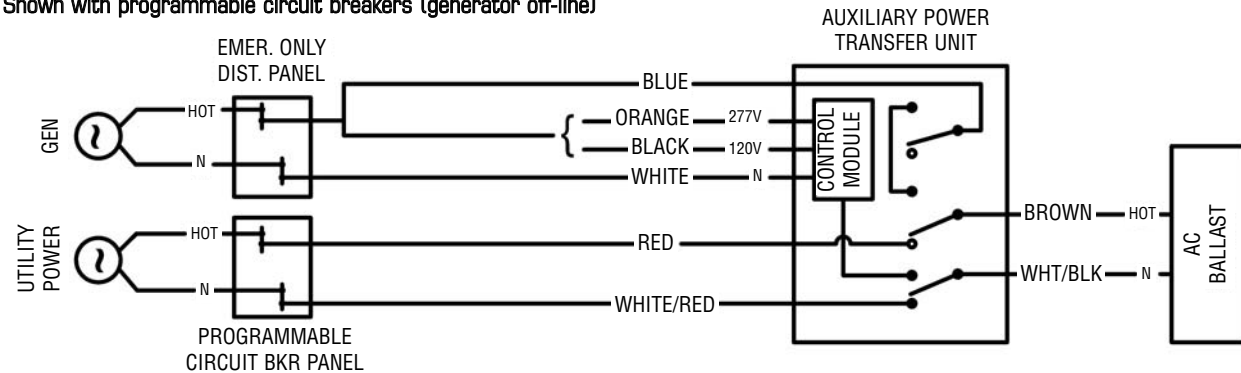
Dimensions are approximate and subject to change.

## Typical Wiring Diagram

Shown with utility power present



Shown with programmable circuit breakers (generator off-line)



## Suggested Specification

Furnish and install LightGuard model \_\_\_\_\_. The unit shall be constructed to meet Underwriters Laboratories, Inc. Standard 924 "Auxiliary Power and Lighting Equipment" and the National Electrical Code (NEC).

**INSTALLATION AND OPERATION** – Unit shall be easily field connected to a 120 or 277 VAC, 60 Hz, unswitched power source. Unit shall also be easily field connected to an auxiliary power source such as a generator or AC Inverter system. Installation must comply with the NEC as well as other applicable codes. Upon utility failure, the unit shall automatically transfer auxiliary power to the AC ballast and provide full lumen output from the designated emergency fixture

**TRANSFER FUNCTION** – Unit shall have 120/277 VAC dual input voltage and all inputs shall be fused to 3 amps. Transfer to the emergency mode shall be automatic and independent of the wall switch position.

**ILLUMINATION** – Unit shall be capable of transferring emergency power, from a generator or inverter directly to the AC ballast

**HOUSING** – Housing and cover shall be of 24 gauge galvanized steel. The unit shall be UL listed for installation in the ballast channel or on top of the fixture. The unit shall be damp location listed with an application temperature range of 32°F (0°C) to 122°F (55°C).

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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