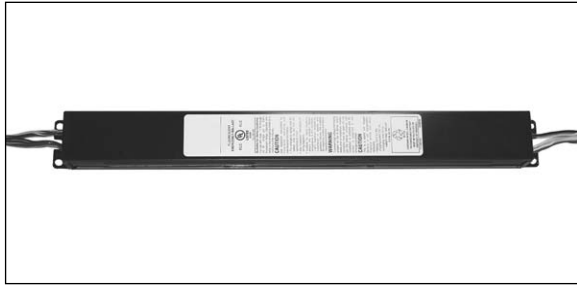


Type No. _____
Job Name _____
Catalog No. _____



Shown: LTP500T



LTP500T

Low Profile Fluorescent Emergency Ballast

For One Lamp Operation

500 Lumen Maximum Output

The LTP500T Fluorescent Emergency Ballast converts switched and unswitched fluorescent lighting into code required emergency lighting. The LTP500T may be installed in or near the fixture to provide unobtrusive life safety protection.

Housing

- Constructed of 22 gauge steel with a high temperature powder coat paint finish
- Low profile housing allows mounting in most low-profile fluorescent fixtures with low profile AC ballast

Electronics

- 120/277 VAC dual voltage input with solid state charging circuitry provides for a reliable charging system
- Charging system complete with an integral illuminated single-pole push to test switch

Electrical Specifications

Input power requirements:
2.5 watt max

Warranty

Electronics: 1 year
Battery: 1 year

Lamp Operation¹

Operates the following lamp types:
T8/HO T8 (1") Linear Fluorescent
T12 (1-1/2") Linear Fluorescent
T5 Long (4-Pin) Compact Fluorescent
End of lamp life compatible

NOTES:

1) Consult factory for compatibility, operation and performance of product with lamp types not listed.

Battery

- Maintenance free, high temperature sealed nickel cadmium battery
- Supplies 90 minutes of emergency power
- Battery has an estimated service life of 10 years, with an operating temperature range of 32°F (0°C) to 122°F (50°C)

Application

- Commercial locations where emergency lighting protection is required using existing fluorescent lighting

Code Compliance

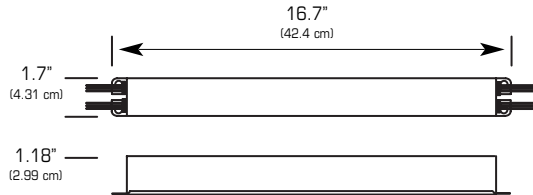
- UL 924 listed
- UL listed for damp locations 32°F (0°C) to 122°F (50°C)
- NFPA 70 and NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

Ordering Information

LTP500T
MODEL
LTP500T = 500 Max. Lumen Output Fluorescent Emergency Ballast for One Lamp Operation

ACCESSORIES (Ordered Separately)
WEC = Wire End Caps For Use When Product Is Mounted On Top Of Fixture

Dimensions



Dimensions are approximate and subject to change.

Illumination

The LTP500T provides 90 minutes of one lamp emergency illumination by utilizing existing fluorescent lighting, and produces 500 lumens initial emergency light output. The LTP500T can be used with most 17w to 40w (2'-4') T8, T10, or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, Circline, and 4-pin long compact fluorescent lamps (30w to 42w). It is also compatible with most 1, 2, 3 and 4-lamp electronic, standard, energy saving and dimming AC ballasts. See lamp operation for specific lamp types.

Suggested Specification

Furnish and install LightGuard's low-profile fluorescent emergency ballast model LTP500T. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and the National Electrical Code (NEC), and be approved for installation inside, on top of, or remote from the chosen luminaire.

INSTALLATION AND OPERATION - Unit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGER - Unit shall utilize a solid-state, constant current charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization.

BATTERY - The battery shall be a maintenance free, high temperature nickel cadmium battery. The nickel cadmium battery shall provide for trouble-free operation in ambient temperatures up to 122°F (50°C). Nickel cadmium batteries shall be supplied with a one year full warranty.

ENCLOSURE - The housing shall be constructed of 22 gauge steel with a high temperature powder coat paint finish. The slim housing shall allow for mounting in most low-profile fluorescent fixtures with low profile AC ballast.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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