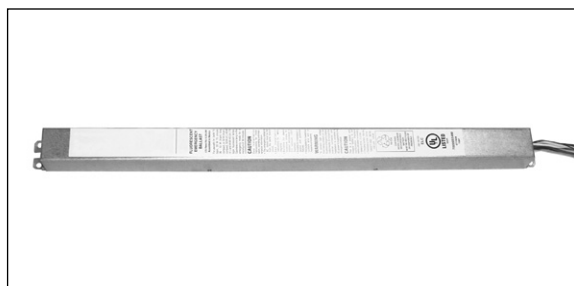




Type No. _____

Job Name _____

Catalog No. _____



Shown: LTP700T



LTP700T

Low Profile Fluorescent Emergency Ballast For One Lamp Operation 700 Lumen Maximum Output

The LTP700T Fluorescent Emergency Ballast converts switched and unswitched fluorescent lighting into code required emergency lighting. The LTP700T may be installed in or on 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 indicator light single-pole test switch

Electrical Specifications

- Input power requirements: 2.6 W max

Warranty

- Electronics: 1 year
- Battery: 1 year

Lamp Operation¹

- Operates the following lamp types:
 - 14-54 W (2'-4') T5/HO (5/8") Linear Fluorescent
 - 22 W T5 Circular
 - T8/HO T8 (1") Linear Fluorescent
 - T5 (4-Pin) Long 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

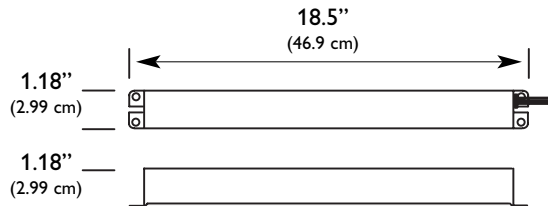
Lamp Operation and Performance

LINEAR LAMPS	WATTAGE TYPE	BASE LAMP OPERATION	EMERGENCY
T5/HO	24-54 (2'-4')	Miniature Bi-Pin	One
T5	14-28 (2'-4')	Miniature Bi-Pin	One
Long Compact	36-55	4-Pin (2G11)	One
T8	32 (4')	Bi-Pin	One
T8	40 (5')	Bi-Pin	One
T8/HO	44 (4')	Bi-Pin	One

Ordering Information

LTP700T
MODEL
LTP700T = 700 Max. Lumen Output Fluorescent Emergency Ballast for One Lamp Operation

Dimensions



Dimensions are approximate and subject to change.

Illumination

The LTP700T provides 90 minutes of one lamp emergency illumination by utilizing existing fluorescent lighting, and produces 700 lumens initial emergency light output. The LTP700T can be used with the following fluorescent lamps without integral starters. It is also compatible with most 1, 2, 3 and 4-lamp electronic, and dimming AC ballasts.

- One 14-28 W/24-54 W T5/HO T5
- One 32 W, 40 W or 44 W HO T8
- One 36-55 W 4-pin long compact fluorescent

Suggested Specification

Furnish and install LightGuard's low-profile fluorescent emergency ballast model LTP700T. 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 or on top of the chosen luminaire.

INSTALLATION AND OPERATION - Unit shall be easily field connected to a 120 or 277 VAC, 60 Hz, 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 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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