

PROJECT NAME:	APPROVED BY:
CATALOG NO:	TYPE NO:

# EVT5-500TD - Low Profile Fluorescent Emergency Ballast

Works with or without an AC ballast to convert new or existing fluorescent fixtures in to unobtrusive emergency lighting. Operates one lamp in the emergency mode for a minimum of 90-minutes. Provides a maximum initial lumen output of 500 lumens. Low profile galvanized steel construction. Compact design fits most fluorescent fixtures.



## Features

- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing
- Internal solid-state transfer switch automatically connects the internal battery to fluorescent lamp for minimum
- 90-minute emergency illumination
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours
- Time delay enhancement to overcome end-of-life circuit protection
- Remote Mounting: Suitable for installation inside, on top or in remote\* of the fixture
- Can be used in both switched and unswitched fixtures
- UL Listed for factory or field installation
- Suitable for use in sealed and gasketed fixtures

## Specifications

- Input Voltages: 120/277
- Emergency Operation: 90 minutes
- Initial Illumination: Provides a maximum initial lumen output of 500 lumens
- Operating Temp: UL Listed for damp locations (0°C - 50°C)
- Battery: 3.6V long life, maintenance-free, rechargeable sealed NiCd battery
- Approval: UL Listed for factory or field installation

## Certification

- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes
- UL Listed for damp locations (0°C - 50°C)



## Warranty

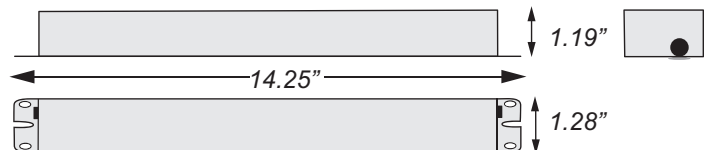
- Five year warranty against defects in material and workmanship (Lamps excluded.)

## Lamp Compatibility

- Compatible with most one-, two-, three-, and four-lamp electronic standard and dimming AC ballasts
- Operates one T5, T8, T12, Circular T5/T9 and U-bend T8/T12 lamp in emergency mode. Refer to the chart below for a list of compatible lamps

## Dimensions

- 14.25" x 1.28" x 1.19"



## Lamp Compatibility Chart

Lamp Type	Watts	Initial Lumens
		1-Lamp
T5	21	450
T5	28	500
T8	32	425
T12	34	400
Circular T9	32	350
Circular T5	22	375
U-bend T8	32	425
U-bend T12	24	375

\*When battery packs are remote mounted, the remote distance cannot exceed 1/2 of the distance from ballast to lamp specified by the A.C. ballast manufacturer. The maximum allowable remote mounting distance is 50 feet.

NOTE: In 2-lamp operation, lumens are equally split between the two lamps.

NOTE: Refer to the spec sheet for complete chart.