

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

EV500LPTD - 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.
- 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

Specifications

- Input Voltages: 120/277
- Emergency Operation: 90 minutes
- Initial Illumination: Provides a maximum initial lumen output of 500 lumens
- Operating Temp: 0° to 50° C
- Battery: 4.8V long life, maintenance-free, rechargeable sealed NiCd battery
- Approval: UL Listed for damp locations

Certification

- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes



Warranty

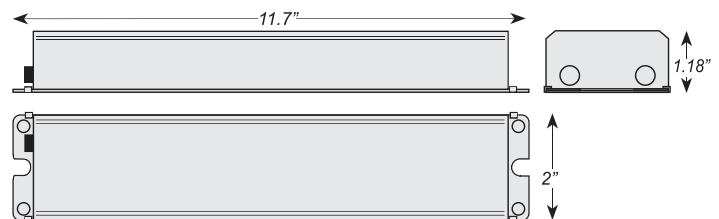
- Five year warranty against defects in material and workmanship (Lamps excluded.)

Lamp Compatibility

- Compatible with most one-, two-, three-, and four-lamp electronic standard and dimming AC ballasts
- Operates one T5, T5HO, T8, T12, Circular T5/T9, U-bend T8/T12 and 4-Pin long CFL lamp in emergency mode. Refer to the chart below for a complete list of compatible lamps

Dimensions

- 11.7" x 2" x 1.18"



Lamp Compatibility Chart

Lamp Type	Watts	Initial Lumens
		1-Lamp
T5	21	450
T5	28	500
T5HO	24	475
T8	25	375
T8	28	425
T8	32	475
T8	40	500
T12	30	400
T12	34	425
T12	40	450

Lamp Type	Watts	Initial Lumens
		1-Lamp
CFL 2G11	36	375
CFL 2G11	40	425
CFL	38	400
Circular	32	350
Circular	40	425
Circular	40	450
Circular	55	500
U-bend T8	425	425
U-bend	375	375
U-bend	425	425

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Model	Options
EV500LPTD	CEC

Example: EV500LPTD-CEC

* 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.