

# EV700TD - Fluorescent Emergency Ballast

Works with or without an AC ballast to convert new or existing fluorescent fixtures in to unobtrusive emergency lighting. Operates one or two lamps in the emergency mode for a minimum of 90-minutes. Provides a maximum initial lumen output of 700 lumens. Durable painted steel construction in white finish. 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 so/id-state transfer switch automatically connects the internal battery to fluorescent lamp(s) 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 700 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

## Options

- CEC: Certified to CEC under Title 20 regulations



## Lamp Compatibility Chart

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
T5	21	575	650
T5	28	675	N/A
T5	35	700	N/A
T5HO	24	650	N/A
T5HO	39	700	N/A
T5HO	54	700	N/A
T8	25	625	700
T8	28	630	600
T8	32	600	700
T8	40	650	700
T8HO	44	625	N/A

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
T8	51	675	N/A
T8	59	700	N/A
T8HO	86	700	N/A
T12	25	450	500
T12	30	500	550
T12	34	575	600
T12	40	625	650
T12	75	675	N/A
T12	85	700	N/A
T12HO	95	700	N/A
T12HO	110	700	N/A

\*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.

## 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 or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamps in emergency mode. Refer to the chart below for a list of compatible lamps

## Dimensions

- 9.5" x 2.4" x 1.5"

