

# EV1400LPTD - Low Profile Fluorescent Emergency Ballast

Works with or without an AC ballast to convert new or existing fluorescent fixtures into 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 1400 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

## Specifications

- Input Voltages: 120/277
- Emergency Operation: 90 minutes
- Initial Illumination: Provides a maximum initial lumen output of 1400 lumens
- Operating Temp: UL Listed for damp locations (0°C - 50°C)
- Battery: 12V 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	14	800	650
T5	21	900	1025
T5	28	1250	N/A
T5HO	39	1300	N/A
T5HO	54	1350	N/A
T8	17	1050	1100
T8	25	1250	1300
T8	32	1300	1350
T8	40	1350	1400
T8	59	1400	N/A
T8HO	86	1400	N/A

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
T12	20	700	800
T12	25	800	850
T12	30	900	975
T12	34	950	1025
T12	40	1050	1100
T12	75	1300	N/A
T12	85	1400	N/A
T12HO	95	1400	N/A
T12HO	110	1400	N/A
T12HO	160	1400	N/A
T12HO	215	1400	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

- 14.25" x 2.125" x 1.25"

