

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

EV1400TD - 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 1400 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 solid-state transfer switch automatically connects the internal battery to fluorescent lamp(s) for minimum 90-minute emergency illumination
- Fully automatic so/id-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 1400 lumens
- Operating Temp: UL Listed for damp locations (0°C 50°C)
- Battery: 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





Warranty

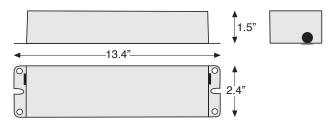
 Five year warranty against defects in material and workmanship (Lamps excluded)

Lamp Compatibility

- Compatible with most one-, two-, three-, and four-lamp electronic standard and dimming AC ballasts
- Operates one or two T5, T5H0, T8, T12, T8H0, T12H0, 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

• 13.4" x 2.4" x 1.5"



Lamp Compatibility Chart

Lamp Type	Watts	Initial Lumens		
		1-Lamp	2-Lamp	
T5	14	900	950	
T5	21	1050	1100	
T5	28	1150	1225	
T5	35	1200	N/A	
T5H0	24	1100	1200	
T5H0	39	1200	1300	
T5H0	54	1350	1400	
T8	17	1000	1100	
T8	25	1100	1200	
T8	28	1150	1250	
T8	32	1300	1350	
T8	40	1350	1400	
T8H0	44	1350	N/A	

Lamp Type	Watts	Initial Lumens		
		1-Lamp	2-Lamp	
T8	51	1400	N/A	
T8	59	1400	N/A	
T8H0	86	1400	N/A	
T12	20	700	800	
T12	25	750	800	
T12	30	800	N/A	
T12	34	850	975	
T12	40	950	1050	
T12	75	1300	N/A	
T12H0	95	1400	N/A	
T12H0	110	1400	N/A	
T12H0	160	1400	N/A	
T12H0	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.

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