



Assurance

Emergency Lighting

a division of Assurance Engineering LLC

BAL1400TD-SDT

FLUORESCENT EMERGENCY BALLAST 1400 LUMENS WITH SELF-DIAGNOSTICS

ILLUMINATION

- 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.

ELECTRICAL

- Universal 120-277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 6V long life, maintenance-free, rechargeable sealed NiCd battery.
- Internal solid-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.
- Self-diagnostics feature performs monthly biannual and annual tests to ensure reliable operation and meet electrical and life safety codes.

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.

HOUSING

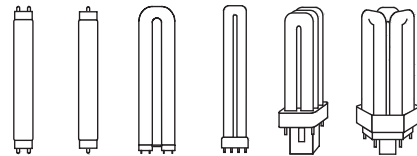
- Durable painted steel construction in white finish.
- Compact design fits most fluorescent fixtures.

WARRANTY/LISTING

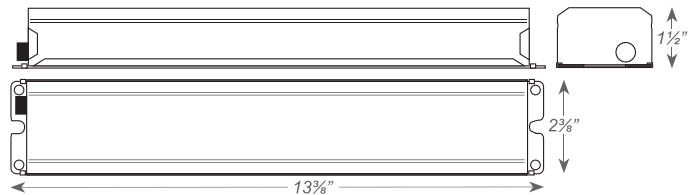
- Five year warranty against defects in material and workmanship (lamps excluded).
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Suitable for use in sealed and gasketed fixtures.

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



LAMP COMPATIBILITY CHART

* When battery packs are remote mounted, the remote distance cannot exceed 1/2 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.

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
T5HO	24	1100	1200
T5HO	39	1200	1300
T5HO	54	1350	1400
T8	17	1000	1100
T8	25	1100	1200
T8	28	1150	1250
T8	32	1300	1350
T8	40	1350	1400

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
T8	51	1400	n/a
T8	59	1400	n/a
T8HO	44	1350	n/a
T8HO	86	1400	n/a
T12	25	750	800
T12	30	800	n/a
T12	34	850	975
T12	40	950	1050
T12	75	1300	n/a
T12HO	95	1400	n/a
T12HO	110	1400	n/a
T12HO	160	1400	n/a
T12HO	215	1400	n/a