

Project:	
Type:	
Catalog #:	

STANDARD



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.

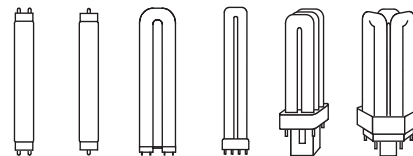
* When battery packs are remote mounted, the remote distance cannot exceed 1/2 the distance from ballast to lamp specified by the A.C. ballast manufacturer. The maximum allowable remote mounting distance is 50 feet.

WARRANTY/LISTING

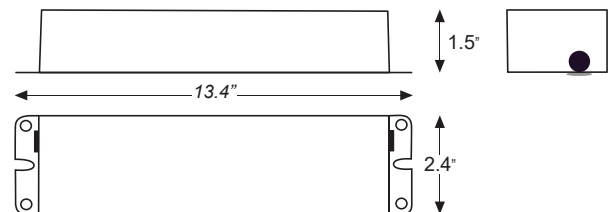
- Five year warranty against defects in material and workmanship (lamps excluded).
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Suitable for use in sealed and gasketed fixtures.

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 on the next page for a complete list of compatible lamps.



DIMENSIONS



MODEL	DESCRIPTION
ECO-BAL1400TD-SDT	1400 Lumens Fluorescent Emergency Ballast with Time Delay and Self-Diagnostics

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ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
ECO-BAL1400TD-SDT	8.4	8.4	0.12	0.07

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
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
T8HO	44	1350	n/a
T8	51	1400	n/a
T8	59	1400	n/a
T8HO	86	1400	n/a
T12	25	750	800

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
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
CFL G24q-1	13	725	850
CFL G24q-2	18	800	875
CFL G24q-3	21	850	900
CFL G24q-3	26	950	1000
CFL G24q-3	32	1025	1100
CFL G24q-4	42	1160	1250
CFL G24q-5	57	1300	n/a
CFL 2G11	18	900	950
CFL 2G11	24	1000	1075
CFL 2G11	36	1050	1150

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
CFL 2G11	40	1100	1175
CFL 2G11	50	1200	1300
CFL 2G11	55	1300	n/a
CFL GR10q-4	10	525	600
CFL GR10q-4	16	650	750
CFL GR10q-4	21	800	875
CFL GR10q-4	28	900	975
CFL GR10q-4	38	1050	1150
CFL GR10q-4	55	1300	n/a
Circular T9	32	750	800
Circular T9	40	900	1050
Circular T5	22	850	950
Circular T5	40	1100	1200
Circular T5	55	1300	n/a
U-bend T8	32	825	900
U-bend T12	34	875	950
U-bend T12	40	800	925

NOTE: In 2-lamp operation, lumens are equally split between the two lamps.