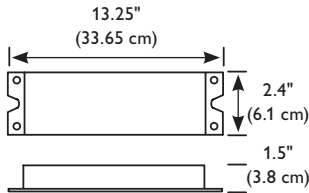


## 1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

### FBP50T



### Features

**Illumination:** The FBP50T provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting, and produces up to 1,400 lumens initial emergency light output. The FBP50T can be used with most 17-215 W (2'-8') T8, T9, T10, T12, 28 W and 54 W T5/T5HO fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline, energy saving, and 4-pin twin, quad, and triple twin-tube compacts. One or two lamp operation may be selected. The FBP50T is also compatible with most 1-, 2-, 3-, and 4-lamp electronic, standard, energy saving and dimming AC ballasts, including those with end of lamp life detection. See lamp operation for specific lamp types.

**Housing:** Housing is constructed of 20 gauge steel with a high temperature powder coat paint finish. Slim housing allows for wireway channel mounting on most lighting fixtures.

**Operating Temperature Range:** Standard Location 32°F (0°C) to 131°F (55°C)  
Cold Weather Location 5°F (-15°C) to 131°F (55°C)

**Electronics:** 120/277 VAC dual voltage input with surge protected, solid-state charging circuitry provides for a reliable charging system. Charging system is complete with AC indicator lamp and test switch. A time delay circuit has been incorporated to provide compatibility with AC ballasts capable of detecting end of lamp life. The time delay circuit causes a 3 to 5 second delay when switching back to AC operation preventing the AC ballast from shutting down under false conditions.

**Electrical Specifications:**  
Input Power  
4 W max.

**Battery**  
Maintenance free, sealed nickel cadmium battery. Supplies 90 minutes of emergency power. Estimated service life of 10 years.

**Lamp Operation<sup>1</sup>:** Operates the following lamp types<sup>2</sup>:  
T8 linear fluorescent  
T12 linear fluorescent  
T5/T5HO linear fluorescent  
T9 circline  
T12 U-Bent fluorescent  
T5 long compact fluorescent  
Compact 4-pin fluorescent

**Notes:**

- 1) Consult factory for compatibility and performance of product with lamp types not listed.
- 2) See Table 1 for specific lamp performance and operation

### Code Compliance

UL 924 and optional UL damp location listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Suitable for use in sealed and gasketed fixtures.

### Warranty

Five year full electronics warranty. Five year full battery warranty.

Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

## 1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

### Ordering Information

**FBP50T**

Series

Options

**FBP50T** = 1,400 Lumen Max. Output Fluorescent Emergency Ballast for One or Two Lamp Operation

**DL** = Damp Location Listing  
**CW** = Cold Weather Rating  
 5°F (-15°C) to 131°F (55°C)  
 including damp location listing

**Accessories (order as a separate item)**  
**CCAPS** = Wire Cover Kit for External Mounting  
**RTS** = Remote Test Plate  
**RTS2** = Remote Test Switch & Pilot Light Kit (includes plate)

### Lamp Operation and Performance

Table 1

LAMP TYPE	WATT.	BASE TYPE	NON-EMERGENCY MAX. LUMEN OUTPUT	EMERGENCY OP. MAX. LUMEN OUTPUT	EMERGENCY LAMP OPERATION
T12	20-40	Med Bi-Pin	1275-2650	1100-1400	One or Two
T12	40-75	Single Bi-Pin	2875-5500	1100-1400	One
T12HO	40-215	Recessed	2000-12000	1100-1400	One
T8	17-32	Med Bi-Pin	1325-2850	1100-1400	One or Two
T8	40	Med Bi-Pin	3600	1100-1400	One
T5/T5HO	28,54	Med Bi-Pin	2900-5000	800-1100	One
Circline	20-40	G10Q/4-Pin	800-2700	750-1100	One
Long Compact	18-39	2G11/4-Pin	1250-2850	950-1100	One or Two
Long Compact	40-55	2G11/4-Pin	3000-4000	1000-1100	One
Compact	13-32	G24Q/4-Pin	900-2400	500-900	One or Two
Compact	42, 57	GX24Q/4-Pin	2750, 3700	1100-1400	One

#### NOTES

- 1) Maximum non-emergency lumen output can vary based on lamp manufacturer, ambient operating temperature, and ballast manufacturer.
- 2) Maximum emergency lumen output is based on total output of one or two lamps, and can vary based on lamp manufacturer and ambient operating temperature.
- 3) Maximum emergency lumen output is supported for a full 90 minutes of operation.
- 4) Consult factory for compatibility, operation and performance of lamp types not listed.



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**Job Information** Type: