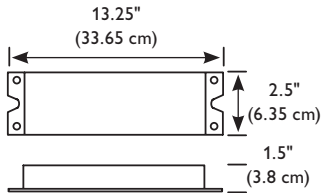


## 1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

### FBP50



### Features

**Illumination:** The FBP50 provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting, and produces 1,100-1,400 lumens initial emergency light output. The FBP50 can be used with most 17 W through 215 W (2'-8') T8, T9, T10, or T12 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 FBP50 is also compatible with most 1-, 2-, 3-, and 4-lamp electronic, standard, energy saving and dimming AC ballasts. 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 recessed luminaires.

### Operating Temperature Range:

Standard and Damp Location  
32°F (0°C) to 131°F (55°C)

### Electronics: 120/277 VAC

dual voltage input with surge protection, solid-state charging circuitry provides for a reliable charging system. Charging system is complete with AC indicator lamp and test switch.

### 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
- T9 circline
- T12 U-bent fluorescent
- T5 long compact fluorescent
- Compact 4-pin fluorescent

### Notes:

- 1) Consult factory for compatibility, operation and performance of product with lamp types not listed.
- 2) See table 1 on back 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 luminaires.

### 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

**FBP50**

Series



Options

**FBP50** = 1,400 Lumen Max. Output Fluorescent Emergency Ballast for One or Two Lamp Operation

**EX<sup>1</sup>** = Special Input Transformer (specify voltage and frequency)  
**DL** = 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)

**Note**

1) Some option combinations may impact UL listing. Consult factory for specifics.

### Lamp Operation and Performance

**Table 1**

LAMP TYPE	WATT.	BASE TYPE	NON-EMERGENCY MAX. LUMEN OUTPUT	EMERGENCY OP. MAX. LUMEN OUTPUT	EMERGENCY LAMP OPERATION
F20T12	20	G13/Med Bi-Pin	1275	1100-1400	One or Two
F30T12	30	G13/Med Bi-Pin	2350	1100-1400	One or Two
F40T12	40	G13/Med Bi-Pin	2650	1100-1400	One or Two
F40T12/U	40	G13/Med Bi-Pin	3100	1100-1400	One or Two
F48T12	40	FA8/Single-Pin	2875	1100-1400	One or Two
F60T12	50	FA8/Single-Pin	3600	1100-1400	One
F72T12	55	FA8/Single-Pin	4500	1100-1400	One
F96T12	75	FA8/Single-Pin	5500	1100-1400	One
F24T12HO	35	R17D/Recessed	1620	1100-1400	One
F36T12HO	45	R17D/Recessed	2800	1100-1400	One
F48T12HO	60	R17D/Recessed	5150	1100-1400	One
F60T12HO	75	R17D/Recessed	4050	1100-1400	One
F72T12HO	85	R17D/Recessed	6350	1100-1400	One
F96T12HO	95	R17D/Recessed	8000	1100-1400	One
F48T12	110	R17D/Recessed	6200	1100-1400	One
F17T8	17	G13/Med Bi-Pin	1325	1100-1400	One or Two
F25T8	25	G13/Med Bi-Pin	2080	1100-1400	One or Two
F32T8	32	G13/Med Bi-Pin	2850	1100-1400	One or Two
F32T8/U	32	G13/Med Bi-Pin	2700	1100-1400	One or Two
F40T8	40	G13/Med Bi-Pin	3600	1100-1400	One
F96T8	59	FA8/Single-Pin	5800	1100-1400	One
F27BX	27	2G11/4-Pin	1800	1000	Two
F282D	28	GR10Q-4/4-Pin	2050	1100	One or Two
F382D	38	GR10Q-4/4-Pin	2850	1000	One or Two
F39/36BX	39	2G11/4-Pin	2850	1100	One or Two
F40/30BX	40	2G11/4-Pin	3150	1100	One
F50BX/FT55	50-55	2G11/4-Pin	4300-4800	1100	One or Two
F96T12HO	95	R17D/Recessed	8000	1100-1400	One
F96T12VHO	95	R17D/Recessed	8000	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.



Philips Lightolier  
 e: lol.webmaster@philips.com  
 t: (508) 679-8131  
 w: www.lightolier.com

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**Job Information Type:**