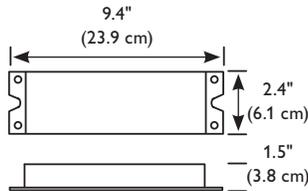


# FBP100FE

## 450 LUMEN LINEAR FLUORESCENT EM. BALLAST

Page 1 of 2

### FBP100FE



### Features

**Illumination:** The FBP100FE provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting, and produces 350-450 lumens initial emergency light output. The FBP100FE can be used with most 17 to 40 W (2'-4') T8, T10, or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline, energy saving, and 4-pin compacts. It 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 lighting fixtures.

### Operating Temperature Range:

32°F (0°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.

### Electrical Specifications:

Input Power  
3.5 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  
T5 long compact 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 listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Suitable for use in sealed and gasketed luminaires.

### Warranty

One year full electronics warranty. One year full battery warranty.

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

**PHILIPS**  
**LIGHTOLIER**

# FBP100FE

## 450 LUMEN LINEAR FLUORESCENT EM. BALLAST

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### Ordering Information

**FBP100FE**

Series

Options

**FBP100FE** = 450 Lumen Max. Output Fluorescent Emergency Ballast for One Lamp Operation

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

#### 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	350-450	One
F30T12	30	G13/Med Bi-Pin	2350	350-450	One
F40T12	40	G13/Med Bi-Pin	2650	350-450	One
F48T10	110	R17D/Recessed	6200	350-450	One
F17T8	17	G13/Med Bi-Pin	1350	350-450	One
F25T8	25	G13/Med Bi-Pin	2150	350-450	One
F32T8	32	G13/Med Bi-Pin	2950	350-450	One
F40T8	40	G13/Med Bi-Pin	3725	350-450	One
FC6T9	20	G10Q/4-Pin	800	350-450	One
FC8T9	22	G10Q/4-Pin	1100	350-450	One
FC12T9	32	G10Q/4-Pin	1950	350-450	One
FC16T9	40	G10Q/4-Pin	2700	350-450	One
F39/36BX	39	2G11/4-Pin	2850	350-450	One
F40/30BX	40	2G11/4-Pin	3150	350-450	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) Consult factory for compatibility, operation, and performance of lamp types not listed.



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Specifications are subject to change without notice.  
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**Job Information** **Type:**