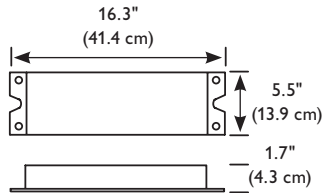


# FBP33

## 3,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

Page 1 of 2

### FBP33



### Features

**Illumination:** The FBP33 provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting and produces 3,400 lumens initial emergency light output when used to power two or three 32 W T8 fluorescent lamps, two or three 39 W, or two 40-55 W 4-pin long compact fluorescent lamps. Any non-emergency AC ballast used in conjunction with the FBP33 MUST be an instant start, parallel output 2-, 3-, or 4-lamp regular or dimming type ballast. 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 frame 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 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  
8 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  
T5 Long Compact 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 listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards.

### Warranty

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

### Job Information Type:

Job Name:

Cat. No.:

Notes:

**PHILIPS**

**LIGHTOLIER**

## 3,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

### Ordering Information

**FBP33**

Series

Options

**FBP33** = 3,400 Lumen Max. Output  
Fluorescent Emergency Ballast for  
Two or Three Lamp Operation

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

**Accessories (order as a separate item)**

**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. LUMENS 3 PARALLEL LAMPS	EMERGENCY OP. MAX. LUMENS 2 PARALLEL LAMPS
F32T8	32	G13/Med Bi-Pin	2850	3400	3000
F39/36BX	39	2G11/4-Pin	2850	3200	2700
F40/30BX	40	2G11/4-Pin	3150	N/A	3200
F50BX	50	G24Q-3/4-Pin	4000	N/A	3200

**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

FBP33 September 1, 2011

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<b>Job Information</b>	<b>Type:</b>
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