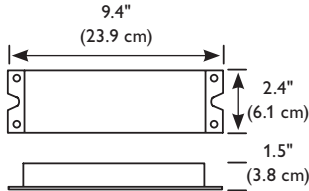


FBP100FE

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 Operation¹: Operates the following lamp types²:

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
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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

EX¹ = 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) 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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FBP100FE September 1, 2011

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