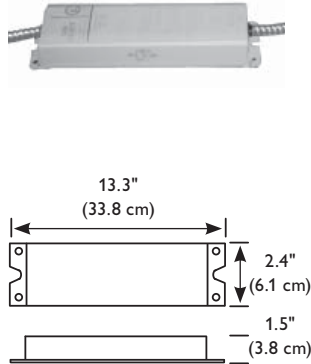


FBPF50T

1,400 LUMEN COMPACT FLUORESCENT EM. BALLAST

Page 1 of 2

FBPF50T



Features

Illumination: The FBPF50T provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting and provides a 1400 lumen maximum output. The FBPF50T can be used with most 18-57 W 4-pin twin, quad, and triple tube compacts and 18-55 W long compact fluorescent lamps. The FBPF50T is compatible with standard energy-saving or electronic 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 housing frame mounting on most recessed luminaires.

Operating Temperature Range:

Standard/Damp Location
32°F (0°C) to 131°F (55°C)
Cold Weather Option
5°F (-15°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. An integral time delay circuit provides 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
3.5 W max.

Battery

Maintenance free, sealed nickel cadmium battery. Supplies 90 minutes of emergency power. Estimated service life of 10 years. Fully compatible with AC ballast equipped with end of lamp life circuitry. IEC 61951-1 Life Testing compliant.

Lamp Operation¹: Operates the following lamp types²:

Compact 4-pin fluorescent
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 and optional UL damp and cold weather location listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. IEC 61951-1 Life Testing compliant. Suitable for use in sealed and gasketed fixtures.

Warranty

Two year full electronics warranty. Two year full battery warranty.

Job Information Type:

Job Name:

Cat. No.:

Notes:

PHILIPS
LIGHTOLIER

FBPF50T

1,400 LUMEN COMPACT FLUORESCENT EM. BALLAST

Page 2 of 2

Ordering Information

FBPF50T

Series

Options

FBPF50T = 1400 Lumen Max. Output
Fluorescent Emergency Ballast for One
Lamp Operation

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

Lamp Operation and Performance

Table 1

LAMP TYPE	WATT.	BASE TYPE	NON-EMERGENCY MAX. LUMEN OUTPUT	EMERGENCY OP. MAX. LUMEN OUTPUT	EMERGENCY LAMP OPERATION
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) 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

FBPF50T August 28, 2012

Specifications are subject to change without notice.
© Koninklijke Philips Electronics N.V., 2012. All rights reserved.

Job Information Type: