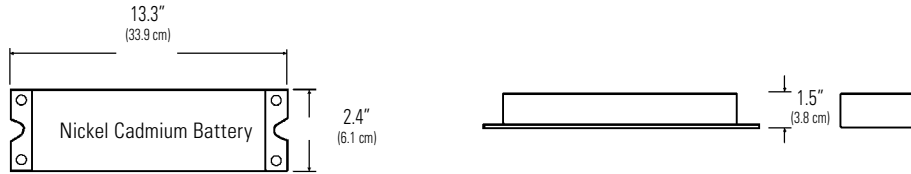


LIGHTOLIER® FBP Series Fluorescent Emergency Ballast **FBP50**

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One or Two Lamp Operation 1,400 Lumens

The FBP Series quickly converts standard fluorescent luminaires into emergency luminaires.



Complete Fixture consists of ballast unit. Select options and accessories below.

Model #	Max. Lumens	Lamp Operation
FBP50	1,400	One or Two

Features

- Lamp Operation:** Operates the following lamp types: T8 linear fluorescent, T12 linear fluorescent, T9 circline, T12 U-bent, T5 long compact fluorescent, compact 4-pin fluorescent. See Lamp Operation and Performance table for specific lamp performance and operation.
- Illumination:** Provides 90 minutes of emergency illumination, and produces a maximum of 1,100 to 1,400 lumens initial emergency light output. Can be used with most 17w to 215w (2' - 8') 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.
- Housing:** Constructed of 20 gauge steel with a high temperature powder coat paint finish. Slim housing allows for wireway channel mounting on most recessed luminaires.
- Electronics:** 120/277 VAC dual voltage input with surge-protected, solid-state circuitry. Charging system is complete with AC indicator lamp and test switch.
- Battery:** Maintenance free, sealed nickel cadmium battery has an estimated service life of 10 years, and an operating temperature range of 32°F (0°C) to 131°F (55°C).
- Input Power Requirements:** 4 watts max.
- Warranty:** Electronics: 5 years; Battery: 5 years.

Code Compliance

UL 924 listed, damp location listing optional.

UL listed for use within sealed and/or gasketed luminaires.

Options

EX = Special Input Transformer for 220 VAC/50 Hz, 240 VAC/50Hz.

Contact factory for other input voltages and frequencies.

DL = UL Damp Location Listing

Accessories

CCAPS = Wire bundle cover for mounting external to luminaire.

RTS = Single gang aluminum faceplate pre-drilled to accommodate remote installation of test switch and pilot light.

Lamp Operation and Performance

Lamp Type	Watt.	Base Type	Non-Emer. Max. Lumen Output	Emer. Op. Max. Lumen Output	Emer. 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

Lamp Operation and Performance (continued)

Lamp Type	Watt.	Base Type	Non-Emer. Max. Lumen Output	Emer. Op. Max. Lumen Output	Emer. Lamp Operation
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:

- Maximum non-emergency lumen output can vary based on lamp manufacturer, ambient operating temperature, and ballast manufacturer.
- 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.
- Maximum emergency lumen output is supported for a full 90 minutes of operation.
- Consult factory for compatibility, operation and performance of lamp types not listed.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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We reserve the right to change details of design, materials and finish.

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