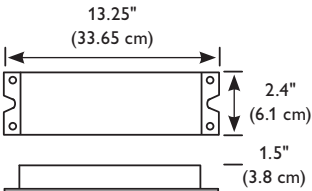


1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

FBP50



Features

Illumination: The FBP50 provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting, and produces 1,100-1,400 lumens initial emergency light output. The FBP50 can be used with most 17 W through 215 W (2'-8') T8, T9, T10, or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline, energy saving, and 4-pin twin, quad, and triple twin-tube compacts. One or two lamp operation may be selected. The FBP50 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 recessed luminaires.

Operating Temperature Range:
Standard and Damp Location
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: 4 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 fluorescent
T5 long compact fluorescent
Compact 4-pin 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 and optional UL damp location listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Suitable for use in sealed and gasketed luminaires.

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

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

1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

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Ordering Information

FBP50	
Series	Options

FBP50 = 1,400 Lumen Max. Output
Fluorescent Emergency Ballast for One
or Two Lamp Operation

EX¹ = Special Input Transformer
(specify voltage and frequency)
DL = Lamp Location Listing

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	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
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

- 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

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