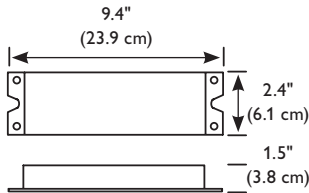


FBP70A

700 LUMEN LINEAR FLUORESCENT EM. BALLAST

Page 1 of 2

FBP70A



Features

Illumination: The FBP70A provides up to 120 minutes of emergency illumination by utilizing existing fluorescent lighting, and produces 600-700 lumens initial emergency light output. During emergency illumination, one lamp is illuminated at a reduced lumen output level. The FBP70A can be used with most 17-215 W (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. 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:

Standard and Damp Location
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
4 W max.

Battery

Maintenance free, sealed nickel cadmium battery. Supplies 120 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, 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 fixtures.

Warranty

Three year full electronics warranty. Three year full battery warranty.

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

PHILIPS
LIGHTOLIER

700 LUMEN LINEAR FLUORESCENT EM. BALLAST

Ordering Information

FBP70A

Series

Options

FBP70A = 700 Lumen Max. Output Fluorescent Emergency Ballast for One Lamp Operation

EX = Special Input Transformer (specify voltage and frequency)
DL = Damp 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)

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	600-700	One
F30T12	30	G13/Med Bi-Pin	2350	600-700	One
F40T12	40	G13/Med Bi-Pin	2650	600-700	One
F60T12	50	FA8/Single-Pin	3750	600-700	One
F72T12	55	FA8/Single-Pin	5500	600-700	One
F96T12	60	FA8/Single-Pin	5500	600-700	One
F24T12HO	35	R17D/Recessed	1620	600-700	One
F36T12HO	45	R17D/Recessed	2800	600-700	One
F48T12HO	60	R17D/Recessed	4050	600-700	One
F60T12HO	75	R17D/Recessed	5150	600-700	One
F72T12HO	85	R17D/Recessed	6350	600-700	One
F84T12HO	100	R17D/Recessed	7700	600-700	One
F96T12HO	95	R17D/Recessed	8000	600-700	One
F48T10	110	R17D/Recessed	6200	600-700	One
F17T8	17	G13/Med Bi-Pin	1350	600-700	One
F25T8	25	G13/Med Bi-Pin	2150	600-700	One
F32T8	32	G13/Med Bi-Pin	2950	600-700	One
F40T8	40	G13/Med Bi-Pin	3725	600-700	One
F72T8	35	FA8/Single-Pin	3000	600-700	One
F96T8	50	FA8/Single-Pin	5950	600-700	One
FC6T9	20	G10Q/4-Pin	800	600-700	One
FC8T9	22	G10Q/4-Pin	1100	600-700	One
FC12T9	32	G10Q/4-Pin	1950	600-700	One
FC16T9	40	G10Q/4-Pin	2700	600-700	One
F39/36BX	39	2G11/4-Pin	2850	600-700	One
F40/30BX	40	2G11/4-Pin	3150	600-700	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 120 minutes of operation.
- 4) Consult factory for compatibility, operation and performance of lamp types not listed.



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Job Information Type: