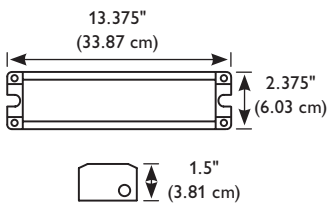


FBP50ST-N

1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

Page 1 of 2

FBP50ST-N



Features

Illumination: The FBP50ST-N provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting and produces a total initial output of 1,400 lumens. The FBP50ST-N can be used with most 17-215 W (2'-8') T8, T9, T10 or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline and energy saving, and 4-pin compacts. One or two lamp operation may be selected.

Housing: Housing is constructed of steel with a high temperature powder coat paint finish. Slim housing allows for wireway channel mounting on most recessed luminaires.

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.

Self-Diagnostics:

Diagnostic circuit constantly monitors battery voltage and charging current, and will communicate a fault by flashing the status indicator lamp and providing an audible alarm. An automatic discharge test is also performed for 30 seconds every 30 days, and for 90 minutes every 12 months. Automatic test satisfies the functional periodic test required by NFPA 101. The audible alarm may be defeated at time of installation.

Electrical Specifications:

Input Power:
4.0 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:

Most 17-215 W (2'-8') T8, T9, T10 or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO, circline and energy saving, and 4-pin compacts

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 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:

PHILIPS
LIGHTOLIER

FBP50ST-N

1,400 LUMEN LINEAR FLUORESCENT EM. BALLAST

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Ordering Information

FBP50ST-N

Series

FBP50ST-N = 1,400 Lumen Max.
Output Fluorescent Emergency Ballast
for One or Two Lamp Operation

Lamp Operation and Performance

Table 1 (lumen output)

LAMP TYPE	1 LAMP	2 LAMPS
FO32, FBO31 T8	1350	1350
FO25, FBO24 T8	1250	1100
FO17, FBO16 T8	1050	950
FO96, T8	1400	
F40T12, F40/U	1100	1100
F48T12/HO	1200	
F96T12, HO, VHO	1100	
F40 T12 ES (34 W)	975	975
PL-L 50 W, F50BX/RS, DULUX L 55 W	900	
PL-L 40 W, F40/30BX, DULUX L 40 W	900	
PL-L 36 W, F39/36BX, DULUX L 36 W	1100	1100
PL-L 24 W, F27/24BX/RS, DULUX L 27 W		1000
F38 2D/4P	1000	1100
F28 2D/4P	1100	11000



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FBP50ST-N December 5, 2011

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