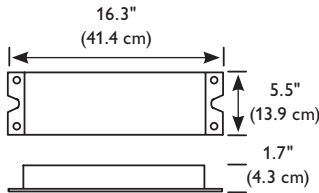


FBP30ST

3,500 LUMEN FLUORESCENT EMERGENCY BALLAST

Page 1 of 2

FBP30ST



Features

Illumination: The FBP30ST provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting and produces a maximum of 3,500 lumens initial emergency light output. The FBP30ST 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, energy saving, and 4-pin twin, quad, and triple twin-tube compacts. The FBP30ST 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 housing frame 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. 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 period test required by NFPA 101.

Electrical Specifications:
Input Power
8 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 listed. NFPA 70, NFPA 101, NEC, BOCA, OSHA and IBC illumination standards.

Warranty

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

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

PHILIPS
LIGHTOLIER

3,500 LUMEN FLUORESCENT EMERGENCY BALLAST

Ordering Information

FBP30ST

Series

Options

FBP30ST = 3,500 Lumen Max.
Output Fluorescent Emergency Ballast
for One or Two Lamp Operation

EX¹ = Special Input Transformer
(specify voltage and frequency)

Accessories (order as a separate item)

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
F40T12	40	G13/Med Bi-Pin	2650	2650	One or Two
F96T12	75	FA8/Single-Pin	5500	2800	One
F48T12HO	60	R17D/Recessed	4050	3000	One
F96T12HO	95	R17D/Recessed	8000	2900	One
F96T12VHO	215	R17D/Recessed	13500	2900	One
F25T8	25	G13/Med Bi-Pin	2080	2250	One or Two
F32T8	32	G13/Med Bi-Pin	2850	3000	One or Two
F40T8	40	G13/Med Bi-Pin	3600	3000	One
F96T8	59	FA8/Single-Pin	5800	3000	One
F39/36BX	39	2G11/4-Pin	2850	2850	One or Two
F40/30BX	40	2G11/4-Pin	3150	1800	One
F42TBXT4	42	G24Q-3/4-Pin	3200	3200	One or Two

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 90 minutes of operation.
- 4) Consult factory for compatibility, operation and performance of lamp types not listed.



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