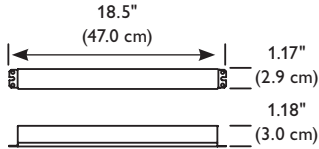


FBP700L

650 LUMEN LOW-PROFILE FLUORESCENT EM. BALLAST

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FBP700L



Features

Illumination: The FBP700L provides 90 minutes of one lamp emergency illumination by utilizing existing fluorescent lighting, and produces 650 lumens initial emergency light output. The FBP700L can be used with the following fluorescent lamps without integral starter: one 13-54 W bi-pin T5/T5 HO lamp, one 18-55 W 4-pin long compact lamp, or one 17-55 W bi-pin T8/HO lamp. It is also compatible with most 1-, 2-, 3-, and 4-lamp electronic, and dimming AC ballasts.

Housing: Housing is constructed of 22 gauge steel with a high temperature powder coat paint finish. Low-profile housing allows mounting in most low-profile fluorescent fixtures

Operating Temperature

Range:

Standard/Damp Location
32°F (0°C) to 131°F (55°C)

Electronics: 120/277 VAC dual voltage input with solid-state charging circuitry provides a reliable charging system. Charging system is complete with an AC LED indicator lamp and high performance momentary test switch.

Electrical Specifications:

Input Power
2.0 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 types:

T5/HO (5/8") linear fluorescent
T8/HO T8 (1") linear fluorescent
T5 (4-pin) long compact lamp fluorescent

Notes:

- 1) Consult factory for compatibility and performance of product with lamp types not listed.
- 2) See Table 1 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.

Warranty

One year full electronics warranty. One year full battery warranty.

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

PHILIPS

LIGHTOLIER

FBP700L

650 LUMEN LOW-PROFILE FLUORESCENT EM. BALLAST

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Ordering Information

FBP700L

Series

Options

FBP700L = 650 Lumen Max. Output
Fluorescent Emergency Ballast for One
Lamp Operation

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

Note

1) Some option combinations may impact UL listing. Consult factory for specifics.

Lamp Operation and Performance

Table 1

LINEAR LAMPS	WATT.	BASE TYPE	EMERGENCY LAMP OPERATION
Rapid, Instant, Energy-Saving T8 through T12 (2'-4')	30-40	Single-Pin Bi-Pin	One
Rapid, Instant, T8, T8 HO (2'-4')	17-55	Single-Pin Bi-Pin	One
T5	28	Bi-Pin	One
T5, T5 HO (2'-5')	13-54	Bi-Pin	One
COMPACT LAMPS	WATT.	BASE TYPE	EMERGENCY LAMP OPERATION
T5 Long Compact	30-32	2G11 4-Pin	One
T5 Long Compact	18-55	2G11 4-Pin	One



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FBP700L September 1, 2011

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