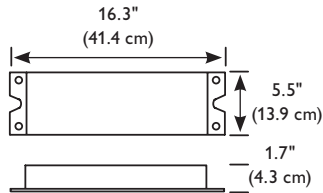


# FBP30T

## 3,500 LUMEN LINEAR FLUORESCENT EM. BALLAST

Page 1 of 2

### FBP30T



### Features

**Illumination:** The FBP30T provides 90 minutes of emergency illumination by utilizing existing fluorescent lighting and produces a maximum of 3,500 lumens initial emergency light output. The FBP30T 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 FBP30T is also compatible with most 1-, 2-, 3-, and 4-lamp electronic, standard, energy saving and dimming AC ballasts, including those with end of lamp life detection. 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 frame 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 protection, solid-state charging circuitry provides for a reliable charging system. Charging system is complete with AC indicator lamp and test switch. Fully compatible with AC ballast equipped with end of lamp life circuitry.

### 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 Operation<sup>1</sup>:** Operates the following lamp types<sup>2</sup>:

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.

### Warranty

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

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

**PHILIPS**

**LIGHTOLIER**

# FBP30T

## 3,500 LUMEN LINEAR FLUORESCENT EM. BALLAST

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### Ordering Information

**FBP30T**

Series

Options

**FBP30T** = 3,500 Lumen Max. Output  
Fluorescent Emergency Ballast for One  
or Two Lamp Operation

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

#### Accessories (order as a separate item)

**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<br>MAX. LUMEN OUTPUT | EMERGENCY OP.<br>MAX. LUMEN OUTPUT | EMERGENCY<br>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: