

Type No. \_\_\_\_\_  
 Job Name \_\_\_\_\_  
 Catalog No. \_\_\_\_\_



Shown: LF750-4PT



# LF750-4PT

## Fluorescent Power Packs

### 750 Lumen Maximum Output 4 Pin Compact Fluorescent Lamps

The LF750-4PT converts switched/unswitched fluorescent lighting into code required emergency lighting. The LF750-4PT may be installed in or near the fixture to provide unobtrusive life safety protection and is fully compatible with AC ballasts equipped with end of lamp life circuitry.

### Housing

- Constructed of 20 gauge steel with a high temperature powder coat paint finish
- Housing allows for housing frame mounting on most recessed luminaires

### Electronics

- 120/277 VAC dual voltage input capability
- Charging system complete with AC indicator lamp, test switch, and mounting plate hardware
- Constant current charger restores battery to full charge within UL 924 specifications
- An integral time delay circuit provides compatibility with AC ballasts capable of detecting end of lamp life
- The time delay circuit causes a 3 to 5 second delay when switching back to AC operation preventing the AC ballast from shutting down under false conditions

### Lamp Operation <sup>1</sup>

Operates the following lamp types: <sup>2</sup>  
 Compact 4-pin fluorescent

### Warranty

Electronics: 2 years, Battery: 2 years

### Lamp Operation and Performance

- Operates the following lamp types: T4 Compact Fluorescent (4-pin base).

LAMP TYPE	WATTAGE	BASE TYPE	NON-EMERGENCY MAX. LUMEN OUTPUT	EMERGENCY OP. MAX. LUMEN OUTPUT	EMERGENCY LAMP OPERATION
F13DBX/4P	13	G24Q-1	900	425	Two
F18DBX/4P	18	G24Q-2	1150	575	Two
F26DBX/4P	26	G24Q-3	1710	700	Two
F13TBX/4P	13	GX24Q-1	900	425	Two
F18TBX/4P	18	GX24Q-2	1200	525	Two
F26TBX/4P	26	GX24Q-3	1800	725	Two
F32TBX/4P	32	GX24Q-3	2200	750	Two
F18BX	18	2G11 4 Pin	1250	400	Two
F27/24BX/RS	27	2G11 4 Pin	1800	550	Two
F39/36BX/RS	39	2G11 4 Pin	2850	750	Two
F40/30BX/RS	40	2G11 4 Pin	3150	650	One
F102D/4P	10	GR10Q-4	650	425	Two
F162D/4P	16	GR10Q-4	1050	525	Two
F212D/4P	21	GR10Q-4	1350	525	Two
F282D/4P	28	GR10Q-4	2050	525	Two
F382D/4P	38	GR10Q-4	2850	650	Two
PL-T 42W/4P	42	GX24Q-4	3200	750	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 90 minutes of operation.
- 4) Consult factory for compatibility, operation and performance of lamp types not listed.

### Battery

- Maintenance free, sealed nickel cadmium battery
- Supplies 90 minutes of emergency power
- IEC 61951-1 Life Testing compliant

### Code Compliance

- UL 924 listed
- NFPA70 and NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards
- IEC 61951-1 Life Testing compliant
- Suitable for use in sealed and gasketed fixtures
- Optional cold and damp location

### Electrical Specifications

Input requirements: 3.5 watts

### Operating Temperature Range

- Standard Models: 32°F (0°C) to 131°F (55°C)
- Cold Weather Option: 5°F (-15°C) to 131°F (55°C)

### Application

- Commercial locations where emergency lighting protection is required using existing fluorescent lighting
- The LF750-4PT meets the Buy American requirements

## Ordering Information

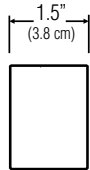
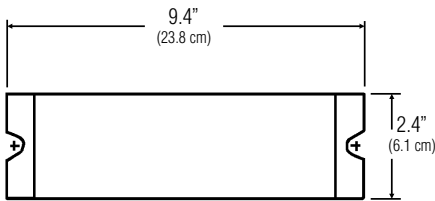
LF750-4PT	
MODEL	OPTIONS
<b>LF750-4PT</b> = 750 Max. Lumen Output Fluorescent Emergency Ballast for One or Two Lamp Operation	<b>DL</b> = Damp Location Listing <b>CW</b> = Cold Weather Rating 5°F (-15°C) to 131°F (55°C) including Damp Location Listing

ACCESSORIES (Ordered Separately)
<b>RTS</b> = Remote Test Plate
<b>RTS2</b> = Remote Test Switch & Pilot Light Kit (includes plate)

## Ordering Example

Model LF750-4PT DL  
Options \_\_\_\_\_

## Dimensions



Dimensions are approximate and subject to change.

## Suggested Specification

Furnish and install LightGuard's fluorescent power pack model \_\_\_\_\_. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and the National Electrical Code (NEC).

**INSTALLATION AND OPERATION** - Unit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

**CHARGER** - Unit shall utilize a solid-state, constant current charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

**BATTERY** - The battery shall be a maintenance free, nickel cadmium battery. The nickel cadmium battery shall utilize sintered plate construction and polypropylene separators for trouble-free operation in ambient temperatures up to 131°F (55°C). Nickel cadmium batteries shall be supplied with a two year full warranty. Nickel cadmium batteries shall be supplied with a two year full warranty. The batteries shall be tested and compliant with IEC 61951-1 Life Testing.

**ENCLOSURE** - The housing shall be constructed of 20 gauge steel with a high temperature powder coat paint finish. The slim housing shall allow for housing frame mounting on most recessed luminaires.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



272 West Stag Park Service Road • Burgaw, NC 28425  
(910) 259-1131 • FAX (800) 403-6927  
www.lightguard.com

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