

Type No. _____
 Job Name _____
 Catalog No. _____



Shown: LF750-4P



LF750-4P

Fluorescent Power Packs

750 Lumen Maximum Output 4 Pin Compact Fluorescent Lamps

The LF750-4P converts switched/unswitched fluorescent lighting into code required emergency lighting. The LF750-4P may be installed in or near the fixture to provide unobtrusive life safety protection.

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
- Constant current charger restores battery to full charge within UL 924 specifications
- Compatible with most standard energy-saving magnetic or electronic lamp ballasts
- Charging system complete with AC indicator lamp, test switch, and mounting plate hardware

Electrical Specifications

Input requirements: 3.5 watts

Battery

- Maintenance free, sealed nickel cadmium battery
- Battery has an estimated service life of 10 years, with an operating temperature range of 32°F (-5°C) to 131°F (55°C)

Application

- Commercial locations where emergency lighting protection is required using existing fluorescent lighting

Code Compliance

- UL 924 listed
- NFPA70 and NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

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.

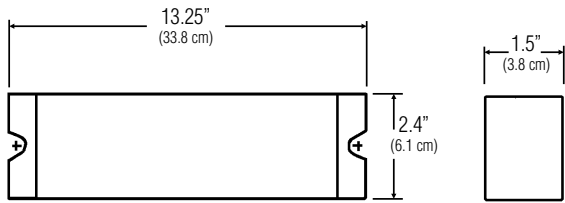
Ordering Information

LF750-4P		
MODEL	OPTIONS	ACCESSORIES (Ordered Separately)
LF750-4P = 750 Max. Lumen Output Fluorescent Emergency Ballast for One or Two Lamp Operation	EX = Special Input Transformer (specify voltage & frequency) DL = Damp Location Listing	CCAPS = Wire Bundle Cover for External Mounting

Ordering Example

Model LF750-4P EX
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.

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.

ENCLOSURE - The housing shall be constructed of 20 gauge steel. The slim housing shall allow for housing frame mounting on most recessed luminaires.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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