



# UFO-LP

## Low Profile Emergency Lighting Fluorescent Battery Packs

### FEATURES

#### Application

The UFO-LP Series low-profile fluorescent emergency battery packs work in conjunction with a low-profile or standard-size electronic AC ballast to convert new or existing fluorescent fixtures into unobtrusive emergency lighting, eliminating the need to install additional emergency lighting units. Model UFO-LP1 can be used with one 21 - 28W standard or 24 - 54W high output T5; one 32W (4'), 40W (5') or 44W H0 (4') T8 fluorescent lamp; or one 36 - 55W (4-pin) long compact fluorescent lamp. Model UFO-LP2 can be used with one 14 - 54W (2' - 4') standard or high output T5; 17 - 55W (2' - 5') standard or high output T8 or 36 - 55W (4-pin) long compact fluorescent lamp. UFO-LP Series models are also compatible with most 1, 2, 3 and 4-lamp electronic (including those containing end-of-lamp-life shutdown circuits), standard, energy saving, and dimming AC ballasts. For information about specific lamp and ballast compatibility, please call the factory.

#### Construction

All unit housings consist of a compact case constructed of 22 gauge sheet metal finished in black enamel. The unit contains a solid-state charger with automatic transfer circuit, test switch, LED charge indicator light, a dependable, high-frequency inverter and a high-temperature, nickel-cadmium battery.

#### Installation

UFO-LP series models do not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency ballast. The emergency battery pack must be fed from the same branch circuit as the AC ballast. UFO-LP series models are for installation inside the fixture ballast channel. UFO-LP Series emergency battery packs are not suitable for installation in heated air outlet fixtures and wet or hazardous location fixtures. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C (32°F).

#### Illumination

Initial emergency lighting output is 390 - 700 lumens on UFO-LP1. Initial emergency lighting output is 600 - 1325 lumens on UFO-LP2. During emergency operation, one lamp is illuminated, even if installed with a multi-lamp AC ballast.

#### Compliances

UL 924 Damp Location Listed  
 NFPA 101 (Life Safety Code)  
 NFPA 70 (National Electric Code)

#### Warranty

5 Year Full Warranty

Catalog Number	
Comments	Type

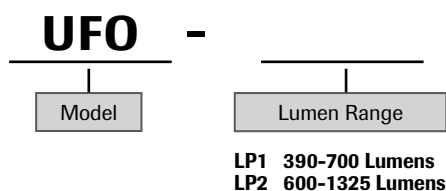


### ACCESSORIES (ORDER SEPARATELY)

**SPRTS** Remote test switch/charge indicator module<sup>(1)</sup>

<sup>(1)</sup> Fits single-gang box.

### ORDERING GUIDE





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### SPECIFICATIONS

#### Operation

When AC power fails, UFO-LP Series models immediately switch to the emergency mode operating one lamp at high lumen output, (UFO-LP2), or reduced lumen output (UFO-LP1) for a minimum of 90 minutes. When AC power is restored, the emergency battery pack automatically returns to the charging mode and delays AC ballast operation for three seconds to prevent false-tripping of AC ballast (end-of-lamp-life) shutdown circuits. UFO-LP Series models use a patented circuit to perform this AC ballast delay function.

#### Standard Features Include

- Compatible with electronic, standard magnetic, energy saving, dimming and end-of-lamp-life AC ballasts
- Easy installation in fixture ballast channel
- Can be used with switched or unswitched lighting fixture
- Test switch and LED charge indicator light supplied standard
- Maintenance-free nickel-cadmium battery
- Provides 90 minutes of emergency lighting
- Battery case made of heavy 22-gauge steel
- Dual Input 120/277 VAC, 60Hz operation

#### Operating Temperature Range

32°F to 122°F (0° to 50°C)

#### Weight

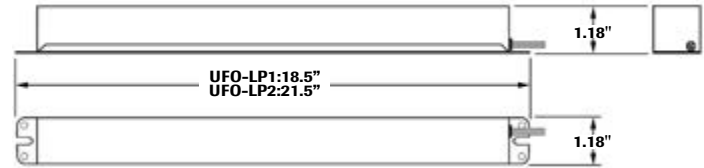
UFO-LP1 - 2.3 lbs (1.0 kg)

UFO-LP2 - 3.3 lbs (1.5 kg)

#### Lamp Compatibility Chart

CATALOG NUMBER	INPUT WATTAGE	LAMP TYPE	LAMP EXAMPLES	1 LAMP LUMENS
UFO-LP1	2.6	T5	FP54, F54T5/HO	700
			FP39, F39T5/HO	620
			FP24, F24T5/HO	390
			FP28, F28T5	700
			FP21, F21T5	620
			F32T8, (4')	635
		T8	F40T8 (5')	570
			F40T8/HO (4', 44W)	470
			PL-L 50W, F50BX/RS, Dulux L 55W	510
		Long CFL 4-pin	PL-L 40W, F40/30BX, Dulux L 40W	625
			PL-L 36W, F39/36BX, Dulux L 36W	610
UFO-LP2	3.0	T5	FP54, F54T5/HO	1250
			FP39, F39T5/HO	1125
			FP24, F24T5/HO	725
			FP28, F28T5	1250
			FP21, F21T5	1025
			FP14, F14T5	750
		T8	FP17T8	650
			FP25T8	750
			F32T8, (4')	1100
		Long CFL 4-pin	F40T8 (5')	1325
			F40T8/HO (4', 44W)	1275
			PL-L 50W, F50BX/RS, FT55DL	1050
		Long CFL 4-pin	PL-L 40W, F40/30BX, FT40DL/RS	925
			PL-L 36W, F39/36BX, FT36DL	900

### DIMENSIONS

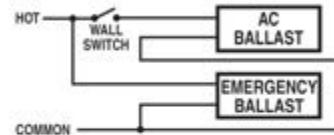


#### Dimensions:

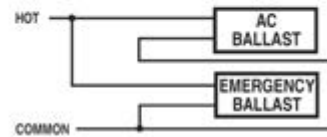
UFO-LP1:18.5" (47cm)L by 1.18" (3cm)W by 1.18" (3cm)H

UFO-LP2:21.5" (54.6cm) by 1.18" (3cm)W by 1.18" (3cm)H

#### Switched



#### Unswitched



Primary circuit only. Lamp heads not shown.