



UFO-CF Series

Compact Fluorescent Lamp Emergency Battery Pack

FEATURES

Application

The UFO-CF series emergency battery packs work in tandem with an AC ballast to convert one 4-pin compact fluorescent lamp for emergency lighting operation including low mercury and amalgam content lamps, eliminating the need to install additional emergency lighting units. The UFO-CF1 can be used with one 18W-42W (4-pin) twin, quad or triple tube compact fluorescent lamp. The UFO-CF2 and UFO-CF2-CLD can operate one 13W-42W twin, quad or triple tube lamp, one 22W-40W T5 circline or one 18W-39W long compact fluorescent lamp. The UFO-CF emergency battery is compatible with most single and multi lamp electronic, magnetic, standard, energy-saving and dimming AC ballasts. UFO-CF2-CLD has an extended operating temperature range for cold environment applications. 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, with 2' of flexible conduit.

Illumination

During emergency illumination, one lamp is illuminated, even if installed with a multi-lamp fluorescent fixture. Initial emergency output is up to 860 lumens with the UFO-CF1. Initial emergency output is up to 1250 lumens with the UFO-CF2 and UFO-CF2-CLD.

Installation

The UFO-CF compact fluorescent emergency battery pack does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched AC power supply must also be connected to the UFO-CF compact fluorescent battery pack, and must be fed from the same branch circuit as the fixture's AC ballast. The UFO-CF may be installed on or remote from the fixture. For remote installation, the UFO-CF may be installed up to one-half the distance the AC ballast manufacturer recommends for remote location from the fixture, or up to 6 feet, whichever is less. Install the test switch for visual confirmation of the charge indicator LED and simplified testing. The test switch may be installed in the ceiling near the fixture.

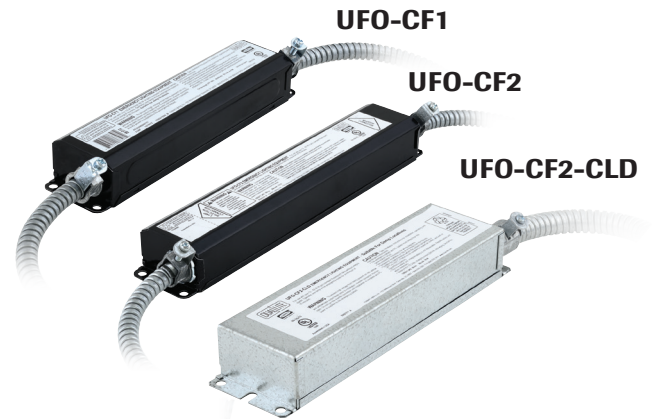
Compliances

UL924 Damp Location Listed
NFPA 101 (Life Safety Code)
NFPA 70 (National Electrical Code)

Warranty

5 Years Full Warranty

Catalog Number	
Comments	Type



ACCESSORIES (ORDER SEPARATELY)

SPRTS Remote Test Switch/Charge Indicator Module^{1,2}
¹ Fits single-gang box
² Comes standard; additional may be ordered

ORDERING GUIDE

UFO	-	-	-
Series	Lumens	Temperature Range	
CF1	300-860 Lumens	Blank 0°C-50°C (32°F-122°F)	
CF2	700-1250 Lumens	CLD ¹ -20°C-55°C (-4°F-131°F)	
		¹ Available only with CF2 model	



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SPECIFICATIONS

Operation

When AC Power fails, the UFO-CF emergency battery pack immediately switches to emergency mode, operating one lamp at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, it automatically returns to the charging mode, delaying AC ballast operation for approximately 3 seconds to prevent false tripping of the AC ballast end-of-lamp-life shut down circuits. Integral test switch with charging indicator is included.

Standard Features Include

- Compatible with electronic, standard magnetic, energy saving and dimming AC ballasts
- 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
- Universal Input Voltage: 120-277VAC, 50/60Hz operation for UFO-CF1
- Dual Input Voltage: 120/277 VAC, 60Hz operation for UFO-CF2 and UFO-CF2-CLD

Operating Temperature Range

UFO-CF1 and UFO-CF2: 0° to 50°C (32° to 122°F)

UFO-CF2-CLD: -20° to 55°C (-4° to 131°F)

Lamp Compatibility Chart

4-PIN LOW MERCURY LAMP	INITIAL LUMENS ¹	
	UFO-CF1	UFO-CF2/ UFO-CF2-CLD
F42QBX, Dulux T/E 42W	750	1250
F42BX	860	850
CF42DT	660	850
Reduced Mercury 42W/4P	840	850
32W/4P, F32TBX, Dulux T/E 32W	700	1250
Reduced Mercury 32W/4P	550	1100
PL-T 26 W/4P, F26DBX, Dulux T/E 26W	525	700
PL-T 18 W/4P, F18DBX, Dulux T/E 18W	450	700
PL-T 13 W/4P, F13DBX, Dulux T/E 13W	- -	700
PL-L 36W, Philips	600	1100
F39/3BX, Dulux L 36 W	550	1250
PL-L 24W, F27/24BX, Dulux L 27W	425	800
PL-L 18W, F18BX, Dulux L 18W	300	775
FC9T5, FPC22	- -	700
FC12T5, FC12T5/HO, FPC40	- -	1000
PL-L 40, Dulux L 40W, F40/30BX/4P	650	- -

¹UL allows no more than a drop that is 60% of the initial lumen output by the end of 90 minutes.

RATING	UFO-CF1	UFO-CF2	UFO-CF2-CLD
Input Voltage	Universal 120-277, 50/60Hz	120/277VAC, 60Hz	
AC Input Power- Watts	4	3.5	16
AC Input Current-mA	50	290	300
Battery Type	Maintenance-free Nickel-Cadmium		
Battery Charge Current-mA	300	280	220
Battery Recharge Time- Hours	24		
Charging Indicator	LED		
Test Switch	Single-Pole		
Weight	3.0	4.3	3.6

DIMENSIONS

