



# UFO-CF Series

## Compact Fluorescent Lamp Emergency Battery Pack

Catalog Number	
Comments	Type

### 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



### ACCESSORIES (ORDER SEPARATELY)

**SPRTS** Remote Test Switch/Charge Indicator Module<sup>1,2</sup>  
<sup>1</sup> Fits single-gang box  
<sup>2</sup> Comes standard; additional may be ordered

### ORDERING GUIDE

<b>UFO</b>	-	-	-
Series	Lumens	Temperature Range	
<b>CF1</b>	300-860 Lumens	<b>Blank</b> 0°C-50°C (32°F-122°F)	
<b>CF2</b>	700-1250 Lumens	<b>CLD</b> <sup>1</sup> -20°C-55°C (-4°F-131°F)	
		<sup>1</sup> 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
- Dual Input Voltage: 120/277 VAC, 60Hz operation for UFO-CF1
- Universal Input Voltage: 120-277VAC, 50/60Hz 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)

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

#### Lamp Compatibility Chart

4-PIN LOW MERCURY LAMP	INITIAL LUMENS <sup>1</sup>	
	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	--

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

#### DIMENSIONS

