



UFO-5W

Fluorescent Power Pack

Catalog Number	
Comments	Type

FEATURES

Application

The UFO-5W emergency battery pack works in conjunction with a fluorescent fixture's normal AC ballast to convert new or existing fluorescent fixtures for emergency lighting operation, eliminating the need to install additional emergency lighting units. The UFO-5W can operate one 32W through 215W (4' - 8') T8 or T12 fluorescent lamp without integral starter including U-shaped, HO, VHO and circline at reduced illumination in the emergency mode for a minimum of 90 minutes. The UFO-5W can also operate one 32W T8 or one 34W to 40W T12 fluorescent lamp at reduced illumination in the emergency mode for a minimum of 120 minutes. It is also compatible with most 1, 2, 3, and 4-lamp electronic, standard magnetic, energy saving, and dimming AC ballasts. If used in an emergency-only fixture, no AC ballast is necessary. For information about specific lamps and ballast compatibility, please contact 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

Model UFO-5W 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 hot lead must be connected to the emergency battery pack. The emergency battery pack must be fed from the same branch circuit as the AC ballast. The UFO-5W may be installed inside, on top of, or remote from the fixture. The emergency battery pack may be remotely installed up to half the distance from the lamp the AC ballast manufacturer recommends, or up to 50 feet, whichever is less. UFO-5W 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

The UFO-5W produces 600 - 700 lumens initial emergency light output. During emergency illumination, one lamp is illuminated, even if installed with a multi-lamp fluorescent fixture.

Compliances

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

Warranty

Full 5 Year Warranty

ORDERING GUIDE

UFO-5W

Model



ACCESSORIES (ORDER SEPARATELY)

- F-WC** Wiring bundle cover⁽¹⁾
- SPRTS** Remote test switch/charge indicator module⁽²⁾

(1) Encloses exposed wiring harness when power pack is externally mounted on the lighting fixture. One required per fixture.
 (2) Fits single-gang box.

SPECIFICATIONS

Operation

UFO-5W emergency fluorescent battery packs are designed to provide a minimum of 90 or 120 minutes of emergency lighting to one lamp in 2-8 foot commercial or industrial fixtures. Operation is fully automatic. A solid-state charger maintains the battery at full charge as long as utility power is present. Upon interruption of utility power, the unit will activate and the automatic transfer circuit will switch to the emergency mode, keeping one lamp illuminated at a reduced lumen output for a minimum of 90 minutes. Upon restoration of utility power, UFO-5W emergency battery packs return to the charging mode and delays AC ballast operation for approximately three seconds to prevent false tripping of AC ballast (end-of-lamp-life) shutdown circuits. Full battery recharge is accomplished within 24 hours. A test switch and LED charge indicator light is provided with all models for testing and monitoring of unit performance. Dual input allows operation from either 120 or 277VAC, 60Hz.

Standard Features Include

- Compatible with electronic, standard magnetic, energy saving, dimming and end-of-lamp-life AC ballast
- Easy installation with versatile mounting capability inside of ballast channel, on top of or remote from fixture
- Provides 90 or 120 minutes of emergency lighting
- Can be used with switched or unswitched lighting fixtures
- Battery case made of heavy 22-gauge steel
- Test switch and LED charge indicator light supplied standard
- Maintenance-free Nickel-Cadmium battery
- Dual input 120/277VAC, 60Hz operation

Operating Temperature Range

32°F to 122°F (0° to 50°C)

Weight:

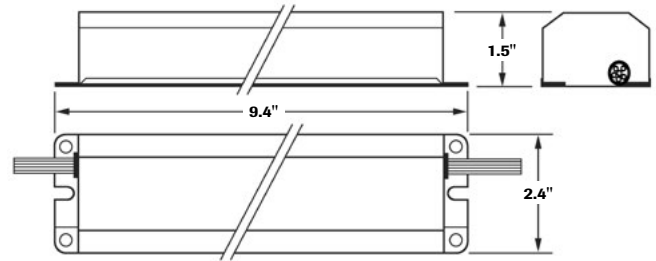
2.5 lbs. (1.1kg)

Lamp Compatibility Chart

CATALOG NUMBER	INPUT WATTAGE	OUTPUT WATTAGE	LAMP TYPE	1 LAMP LUMENS
UFO 5W ⁽¹⁾	3.5	14.4	T8 T12 Circline 4-pin	600-700

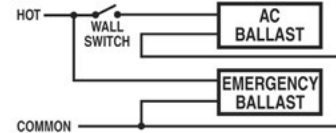
(1) 120 minute run time

DIMENSIONS

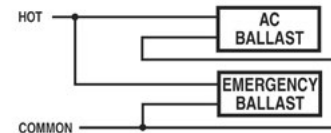


Dimensions: 9.4" (23.8cm)L x 2.4" (6.0cm)W x 1.5" (3.8cm)H

Switched



Unswitched



Primary circuit only. Lamp heads not shown.