



UFO-5AW

Emergency Lighting Fluorescent Battery Pack

FEATURES

Application

The UFO-5AW 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-5AW can operate one or two 17W to 215W (2' - 8') T8, T10 or T12 fluorescent lamps without integral starters, including U-shaped, HO, VHO and circline. It is 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-5AW 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-5AW 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-5AW 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-5AW produces 600 - 700 lumens initial emergency light output. During emergency illumination, one or two lamps are illuminated. If two-lamp operation is selected, light output is evenly divided between the lamps for better distribution of emergency illumination.

Compliances

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

Warranty

5 Year Full Warranty

Catalog Number	
Comments	Type



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.

ORDERING GUIDE

UFO-5AW

Model



UFO-5AW

Emergency Lighting Fluorescent Battery Pack

SPECIFICATIONS

Operation

UFO-5AW emergency fluorescent battery packs are designed to provide a minimum of 90 minutes of emergency lighting to one or two lamps 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 or two lamps illuminated at a reduced lumen output for a minimum of 90 minutes. Upon restoration of utility power, UFO-5AW 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 acceptable UL time standards. A test switch and LED status indicator light is provided with all models for testing and monitoring of unit performance. 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 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 minutes of emergency lighting
- Operates one or two lamps in emergency mode
- 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:

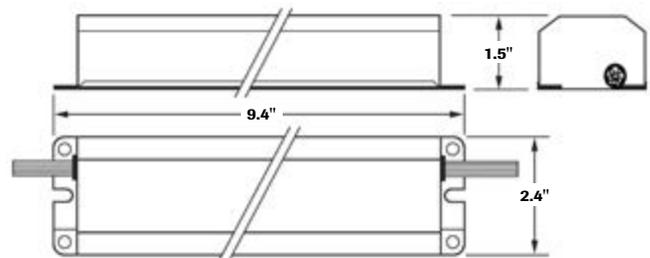
2.5 lbs. (1.1kg)

Lamp Compatibility Chart

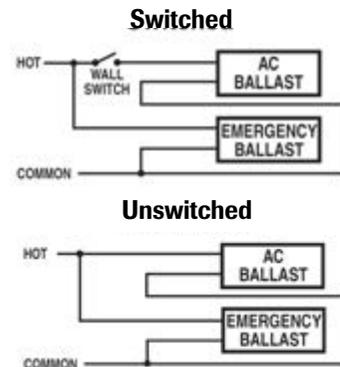
CATALOG NUMBER	INPUT WATTAGE	OUTPUT WATTAGE	LAMP TYPE	1 LAMP LUMENS	2 LAMP LUMENS
UFO-5W	3.5	14.4	T8 T10 T12 CIRCLINE 4-PIN	600-700	600-700 ¹

¹ 2-lamp operation for linear T8, T10 and T12 only.

DIMENSIONS



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



Primary circuit only. Lamp heads not shown.