



LAMPAK® Series

Emergency lighting fluorescent power packs
for fixtures utilizing quad or triple twin
tube compact fluorescent lamps.



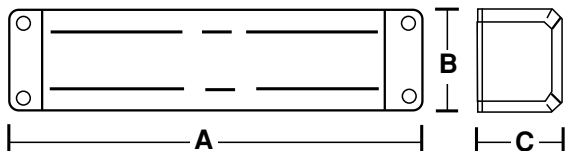
Applications

For use in new or retrofit applications where an easily installed, economical means of providing emergency power to fluorescent fixtures using 4-pin quad or triple twin tube compact fluorescent lamps is required.

Features

- For use with 4-pin quad or triple twin tube compact fluorescent lamps
- Compatible with standard, energy-saving, dimming and electronic AC ballasts
- Provides emergency power for most standard magnetic, energy saving, or electronic AC ballasts
- Operates one quad or triple twin tube lamp
- Can be used with switched or unswitched lighting fixtures
- Reliable, high-frequency inverter
- Premium sealed nickel-cadmium battery
- Universal 120/277VAC operation
- A test switch and pilot light is provided standard
- Provides 90 minutes of emergency lighting
- Low power consumption
- Battery case made of heavy 22-gauge steel
- Easy installation with versatile mounting capability inside of ballast channel or on top of fixture
- Temperature range: 0°C to 50°C (32°F to 122°F)
- UL Damp Location listed
- UL 924 Listed

Dimensions



Product Selector

Fixture Type	Model No.	Description
	UFO-12W	Emergency power pack operates one 18W or 26W quad tube or one 18W-32W triple tube, 4-pin fluorescent lamp

Initial Lamp Lumen Emergency Output

Lamp Wattage	Quad Tube Lumen Output	Lamp Base	Triple Tube Lumen Output	Lamp Base
18W	600	G24d-2	600	GX24q-2
26W	750	G24d-2	750	GX24q-3
32W	--	--	750	GX24q-3

	A	B	C
UFO-12W	9 ³ / ₈ " 30.1 cm	2 ³ / ₈ " 3.8 cm	1 ¹ / ₂ " 6.5 cm



Lighting, Inc.

Description

Dual-Lite LAMPAK series emergency fluorescent power packs are designed to be connected to planned or existing fluorescent fixtures, eliminating the need to install additional emergency lighting units. All unit housings are constructed of 22 gauge sheet metal, finished in white enamel. The unit contains a solid-state charger with automatic transfer circuit; a dependable, high-frequency inverter, and a high-temperature, nickel-cadmium battery. LAMPAK emergency fluorescent power packs are supplied with two feet of flexible conduit at each end of the housing to facilitate installation.

Operation

LAMPAK emergency fluorescent power packs are designed to provide a minimum of 90 minutes of emergency lighting to lamp in 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 connect the selected fixture lamp to emergency power. The unit will operate the fixture lamp at full power for the first few seconds to eliminate the need for a ground plane and then automatically reduce the lumen output to conserve energy. Upon restoration of utility power, LAMPAK emergency power packs automatically switch off emergency power and begin to recharge the battery to full capacity. Full battery recharge is accomplished within acceptable UL time standards. A test switch and pilot light is provided with all models for testing and monitoring of unit performance. Universal input allows operation from either 120 or 277VAC. Maximum power consumption is 3.5 watts.

Battery

Type: Maintenance-free nickel-cadmium

Installation

LAMPAK Series emergency power packs offer great versatility in mounting methods. The unit may be mounted externally on the fixture chassis, on adjacent walls or on building frame members. LAMPAK emergency power packs do not affect normal fixture operation and may be used with either switched or unswitched fixtures. Installation is not recommended in fixtures where the ambient LAMPAK unit temperature may fall below 0° Celsius for extended periods. LAMPAK Series emergency power packs are also not suitable for installation in heated air outlet fixtures and wet or hazardous location fixtures. LAMPAK models are compatible with most standard downlight, wall sconce and recessed wall fixtures.

Illumination

LAMPAK Series model UFO-12W is capable of illuminating a single preheat (integral starter) quad or triple twin tube compact fluorescent lamp. Lumen output may vary depending on lamp construction and age.

UFO-12W: Emergency power pack operates one 18W or 26W quad tube or one 18W-32W triple twin tube 4-pin fluorescent lamp for 90 minutes. Initial emergency lighting output is 600-750 lumens. (See Table on front of sheet)

For questions regarding specific lamp compatibility, contact factory.

Operating Temperature Range

0°C to 50°C (32°F to 122°F)

Warranty

Unit and Electronics: 1 year full

Battery: 1 year full

Suggested Specifications

Emergency lighting shall be provided by using standard fluorescent fixtures equipped with Dual-Lite LAMPAK Series emergency power packs. The unit shall consist of a maintenance-free, high-temperature, nickel-cadmium battery; an automatic charger with transfer circuit; a high-frequency inverter enclosed in a compact 22 gauge steel case finished in white enamel, a test switch and a pilot light. The unit shall be capable of operating a single ____ watt (quad) (triple twin tube) 4-pin compact fluorescent lamp at reduced illumination for a minimum of 90 minutes in the emergency mode. The LAMPAK unit shall provide an initial emergency lighting output of ____ lumens. Battery recharge following emergency operation shall be accomplished within acceptable UL time standards. Universal input will allow operation from 120 or 277VAC sources. Input power requirements will be 3.5 watts. The unit shall be UL listed and may be mounted on the fixture chassis or adjacent to the fixture. Dimensions shall be (9³/₈") L by (2³/₈") W by 1¹/₂" H. The unit shall be LAMPAK model UFO-12W by Dual-Lite. Unit warranty shall be for 1 full year.