EXITRONIX™

# XEB-42-CF

*COMPACT FLUORESCENT EMERGENCY BALLAST*

Model Number:

Type:

Job:

Approvals:

## TECHNICAL SPECIFICATIONS

Input Voltage ..... 120/277V, 60Hz

Input Wattage ..... 3.5 Watts

Lamps Operated: For use with 10-42 watt 4 pin rapid start compact lamps, including Twin Tube, Triple Tube, Quad, 2D and Straight fluorescent lamps. Also operates low mercury "green" lamps.*

Emergency Operation .. (1) 10-42w or (2) 10-26w 90 minutes

Initial Illumination ..... (1) lamp 650 lumens
(2) lamp 325 lumens each lamp

Approval ..... U.L. & C.U.L. Listed

Weight ..... 4.4 lbs

Operating Temperature ..... $0^{o}$ to $55^{o}$ C

## FEATURES

- U.L. & C.U.L. Listed
- Will cold start and operate all specified lamps
- Long life high temperature Ni-Cad battery
- Painted steel case
- Dual voltage 120/277V, 60Hz
- Includes test switch and charge indicator accessory kit
- 5-Year warranty
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- 90 minute emergency operation
- International voltage models available
- All leads enclosed in flex conduit
- Open circuit isolation
- Selectable lamp leads for optimizing light output
- Time delay enhancements

## CASE DIMENSIONS

Length ..... $9\frac{1}{2}$"

Width ..... $2\frac{3}{8}$"

Height ..... $1\frac{1}{2}$"

Mounting Center ..... 9"




The XEB-42-CF Fluorescent Emergency Ballast allows the same fixture to be used for both normal and emergency operation when used in conjunction with the AC ballast. If used in an emergency only fixture, no AC ballast is necessary. In the event of a power failure, the XEB-42-CF instantly switches to the emergency mode and operates one or two of the existing lamps for 90 minutes. The unit contains a battery, charger and electronic circuit in a single can. The XEB-42-CF can be used with most 10-42 watt, 4 Pin, twin, quad and triple tube, 2D and straight compact fluorescent lamps, with an initial output of up to 650 lumens for one or two lamps. XEB-42 will also operated low mercury "green" lamps. Features selectable lamp leads for optimizing light output for designated lamp types.

The XEB-42-CF is provided with 1/2" flex for wiring to the fixture or ballast compartment. The test switch, charge light and unit battery connector are installed in a standard switch box, which is connected to the XEB-42-CF via 3/8" flex. The switch box is mounted in the ceiling adjacent to the fixture. The XEB-42-CF is designed to be mounted on the fixture or in the ceiling adjacent to the fixture, and is U.L. & C.U.L. Listed for factory installation or retrofit applications.

*These ballasts may operate other lamp types, please consult factory for compatibility.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

## Warranty Information:

The Exitronix XEB-42-CF is warranted for five (5) years from date of purchase. Warranty covers only Exitronix emergency ballasts installed as directed, and used under normal conditions. Warranty does not cover physical damage, abuse, or acts of God.

## Code Compliance:

U.L. 924 listed for factory installations or field retrofit applications. Emergency illumination time exceeds the National Electric Code (NEC), Life Safety Code (NFPA-LSP), and U.L. 924 90 minute requirements.

## Remote Mounting:

When battery packs are remote mounted, the remote distance cannot exceed 1/2 of the distance from ballast to lamp, as specified by the AC ballast manufacturer. The maximum allowable remote mounting distance is 50 ft. from the lamp.

## XEB-42-CF Sample Specification:

Emergency lighting shall be provided by using a standard fluorescent fixture equipped with an XEB-42-CF fluorescent emergency battery pack. The XEB-42-CF shall consist of a high temperature, maintenance free nickel cadmium battery, charger board and an electronic circuit enclosed in a 9.5" x 2.4" x 1.5" vandal resistant, painted steel case. The XEB-42-CF shall be provided with 1/2" flex for wiring to the fixture or ballast compartment. The test switch, charge light and unit battery connector shall be installed in a standard switch box, which is connected to the XEB-42-CF via 3/8" flex. The XEB-42-CF shall operate most 10-42 watt 4 pin rapid start compact lamps, including Twin Tube, Triple Tube, Quad, 2D and Straight fluorescent lamps. The XEB-42-CF shall provide reduced illumination for a minimum of 90 minutes in the emergency mode with a total initial output of 325 lumens for 1 lamp, or 650 lumens for 2 lamps. The XEB-42-CF meets or exceeds all NEC and Life Safety Code Emergency Lighting Requirements and is U.L. & C.U.L. Listed. The XEB-42-CF is warranted for five (5) years from the date of purchase.

## Average Lumen Ratings:

| LAMP | 1 LAMP | 2 LAMPS |
|---|---|---|
| 13W PL CF | 350 | 400 |
| 18W PL CF QUAD | 350 | 550 |
| 26W PL CF QUAD | 425 | |
| 32W PL CF QUAD 4 PIN | 600 | |
| 42W PL CF QUAD 4 PIN | 750 | |
| F282 D/42 | 475 | 500 |
| F382 D/42 | 500 | 650 |

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