

bodine

Emergency Ballast

Linear Fluorescent

B50



Universal input with AC/DC output

The Bodine B50 emergency ballast works in conjunction with an AC ballast to convert new or existing fluorescent fixtures into emergency lighting. The emergency ballast handles a wide range of input voltages and frequencies and consists of a high-temperature nickel-cadmium battery, charger and electronic circuitry in one compact galvanized metal case. The B50 is compatible with some TLED lamps.* It provides AC and DC operation.

* Contact the factory at 888-263-4638 or see the product specification sheet for more information.

B50 Fluorescent Emergency Ballast

Provides AC output for one T5 or T8 lamp & DC output for two T8 lamps¹

Description

The B50 operates one 22 - 55W (2' - 4') T5 lamp, including standard, energy-saving, HO, VHO, circline, U-shaped and rapid-start (4-pin) long compact fluorescent lamps. It also operates one 8.5 - 16.5W Philips LED T8 InstantFit lamp. One- or two-lamp operation may be selected. It is compatible with most single- and multi-lamp electronic and dimming AC ballasts. If used in an emergency-only fixture, no AC ballast is necessary. The B50 is suitable for indoor and damp locations and for sealed & gasketed fixtures, including fixtures rated for wet locations. It is not suitable for air handling heated air outlets or wet or hazardous locations. For information about specific lamp and ballast compatibility, please call the factory. Recommended applications include: international line voltages from 120 through 277 VAC (50 or 60 Hz); drilling rigs where generators are the primary source of power; and other applications requiring higher tolerance of line voltage variation or harmonic distortion.



Product Highlights

- Provides output of up to 1600 lm (initial)
 - Supports the lamp load for a minimum of 90 minutes, in accordance with code²
 - AC or DC output
 - Low-profile case
 - Universal input (120 - 277 VAC, 50/60 Hz)
 - One- or two-lamp (fluorescent) operation
 - Compatible with some TLED lamps³
 - Compatible with end-of-lamp-life circuitry
1. Two-lamp emergency, higher wattage (> 40W for T8 or T12) or longer lamps (> 4 feet) are DC output applications.
 2. NFPA® 101® Life Safety Code® 7.9.2.1
 3. Contact the factory at 888-263-4638 or see the product specification sheet for more information.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

