

PHILIPS

bodine

Emergency Lighting

B50



Flexibility Delivered

Designed to meet a demanding, ever-evolving emergency lighting market, Philips Bodine emergency lighting products provide innovation, reliability and flexibility in one bundle. The latest entry into the Philips Bodine family raises the bar.

The new, upgraded B50 emergency ballast expands the functionality of the company's best known battery-backed emergency power supply. It provides AC and DC operation, works with T5 lamps and features a low-profile design. In addition, the upgraded B50 opens doors beyond linear fluorescent lamp compatibility. The old B50 was great. The new B50 is better.

B50 for Emergency Lighting

Description

The B50 is a low-profile battery-powered backup supply that operates T5 and T8 linear fluorescent lamps whenever normal power is lost. The B50 senses the power failure and immediately begins driving the lamp(s) in emergency mode for a minimum of 90 minutes. The unit is also compatible with Philips InstantFit LED T8 retrofit lamps and LED retrofit lamps from other manufacturers.*

*The Philips InstantFit LED T8 is an LED retrofit that replaces existing 4' T8 fluorescent lamps, converting fluorescent fixtures to LED. No wiring is required when replacing T8 fluorescents with the InstantFit. InstantFit works with existing fluorescent technology. The B50 will support the InstantFit for 90 minutes in emergency mode. Please contact Philips Bodine Tech Support at 888.263.4638 for information on compatibility.

Features and Benefits

- Supports the lamp load for a minimum of 90 minutes, in accordance with code **
- Provides AC output for one T5 or T8; DC output for one or two T8s
- Low-profile design
- Universal input
- Suitable for a wide range of input voltages and frequencies
- Compatible with most 17-215 W (2' - 8') T5 - T12 fluorescent linear lamps
- Compatible with Philips InstantFit LED T8 retrofit lamps and others
- Compatible with end-of-lamp-life circuitry

**NFPA® Life Safety Code® 7.9.2.1 (2012)

New vs. Old

Model	Power Output	Dimensions	Lumen Output
New B50	AC Output for one T5 or one T8; DC Output for one or two T8s	13.3"L x 2.2"W x 1.18"H	Up to 1600 initial lumen output
Old B50	DC Output for one or two T8s	13.3"L x 2.4"W x 1.5"H	Up to 1400 initial lumen output



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