

bodine

Emergency Driver

LED

BSL4L



Cost-effective solution for space-limited linear fixtures

The Bodine 4W BSL4L emergency LED driver offers a cost-effective, high-quality, code-compliant* emergency lighting solution for space-limited linear fixtures. In addition, the BSL4L includes proprietary charging technology for low energy consumption and poke-in wiring connections to help simplify installation.

* NFPA® 101® Life Safety Code®

BSL4L Emergency LED Driver

Application

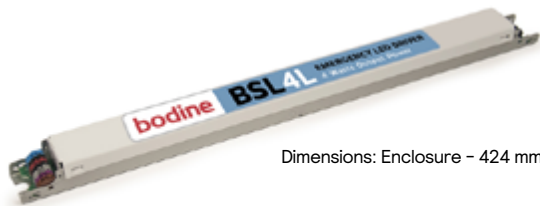
The BSL4L is UL Listed for factory or field installation in the U.S. and Canada. The device allows the same LED luminaire to be used for normal and emergency operation. The BSL4L works in conjunction with an AC LED driver that has an output current not to exceed 3.0A. It consists of a high-temperature nickel-cadmium battery, smart charger and electronic circuitry in one case. The BSL4L can deliver up to 4W to an LED load (15–54 VDC) for a minimum of 90 minutes. If used in an emergency-only fixture, no AC driver is necessary. The BSL4L is suitable for indoor and damp locations and also for installation in sealed and gasketed fixtures, including fixtures rated for wet locations. For more information about specific LED and AC driver compatibility, please call the factory at 888-263-4638.

Operation

When AC power fails, the emergency driver immediately switches to the emergency mode, operating the LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

Installation

The emergency driver 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 driver. The emergency driver must be fed from the same branch circuit as the AC driver. Installation is not recommended with fixtures where the ambient temperature may fall below 0° C. The 2W-ITS is a Class 2 device. It may be remotely mounted up to 100 ft. from the fixture.



Dimensions: Enclosure – 424 mm x 30 mm x 25 mm

Product Highlights

- Cost-effective, code-compliant emergency lighting solution (Compare to the Bodine B100 fluorescent emergency ballast.)
- Proprietary charging technology designed for low energy consumption
- Meets CEC (California Energy Commission) Title 20 efficiency standards
- Class 2 output (UL1310 Certified)
- Emergency mode output of up to 520 lumens (Based on a min efficacy of 130 lumens/watt of load power)
- Poke-in wiring connections for simplified installation
- RoHS compliant



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

