

bodine

Emergency Drivers

LED

BSL10LST / BSL6LST



Compact-design emergency LED drivers

The Bodine 10W BSL10LST and 6W BSL6LST emergency LED drivers provide a compact-design, self-testing power supply for linear LED lighting applications. The emergency drivers are ideal for smaller fixtures, such as a 2'x2', where space is a concern, and utilize a proprietary charging technology designed for low energy consumption.

BSL10LST/BSL6LST Emergency LED Drivers

Description

The BSL10LST and BSL6LST are UL Listed for factory or field installation and allow the same LED luminaire to be used for normal and emergency operation. The emergency LED drivers work in conjunction with an AC LED driver to convert new or existing LED fixtures into emergency lighting. They consist of a high-temperature, maintenance-free lithium-ion battery, charger and electronic circuitry contained in one metal enclosure.

The emergency drivers are ideal for installation with space-limited fixtures. The BSL10LST dimensions are 16.6" L x 1.18" W x 1.0" H. The dimensions for the BSL6LST are 14.1" L x 1.18" W x 1.0" H.

Operation

When AC power fails, the BSL10LST and BSL6LST immediately switch to emergency mode, operating LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, they return to charging mode.

The BSL10LST and BSL6LST are self-testing units. They test for 30 seconds monthly and 90 minutes annually. During automated testing, they simulate an AC power failure, switch to emergency mode and conduct a discharge test. If a problem is detected, the status indicator light flashes. When testing is complete, the BSL10LST and BSL6LST return to the charging mode.



Product Highlights

- Compact design for space-limited linear LED applications
- Proprietary charging technology for low energy consumption
- Meet CEC (California Energy Commission) Title 20 efficiency standards
- Automatic code-compliant testing of emergency operation (NFPA® 101® Life Safety Code®)
- Controlled power for predictable discharge
- Poke-in wiring connections for simplified installation
- RoHS compliant



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Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008