

bodine



Emergency Driver

LED

BSL26 / BSL26C



Product order number: BSL26 (metal case)
See back page for additional model configurations

Project:	
Location:	
Cat.No:	
Type:	
Lamps:	Qty:
Notes:	

Emergency LED Driver Up to 5.1 Watts output power

Product order number: 12 NC number:
BSL26 913701228802
(metal case)
See back page for additional model configurations

Specifications

UL Recognized for US and Canada
Factory Installation only (Indoor and Damp)

Illumination Time
90 Minutes

Full Warranty
5 Years (NOT pro-rata)

Dual Input Voltage
120/277 VAC, 60 Hz

AC Input Current
280 mA

AC Input Power Rating
3.0 W

Output Voltage
3.0 to 30 VDC (Maximum)

Output Current
265 mA (Maximum)

Output Power
5.1 W (Maximum),
measured at nominal battery voltage

Test Switch/Charging Indicator Light
Illuminated Test Switch

Battery
High-Temperature, Maintenance-Free
Nickel-Cadmium Battery
7- to 10-Year Life Expectancy

Battery Charging Current
250 mA

Recharge Time
24 Hours

Temperature Rating (Ambient)
0°C to +50°C (32°F to 122°F)

Dimensions
9.4" x 2.4" x 1.5" (238 mm x 60 mm x 38 mm)
Mounting Center 8.9" (226 mm)

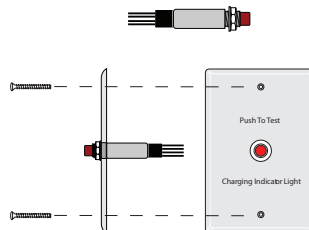
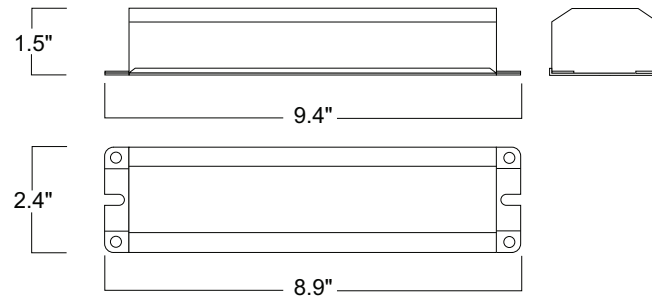
Weight
BSL26 - 2.0 lbs. (0.91 kg)
BSL26C Type 1 - 3.0 lbs. (1.4 kg)

Benefits:

- Emergency Illumination for Lower Wattage LED fixtures
- For Indoor or Damp Locations

Dimensions

9.4" x 2.4" x 1.5" (mounting center - 8.9")



A Test/Monitor Plate with an illuminated test switch/charging indicator light is provided.

BSL26/BSL26C Emergency LED driver, class 2 output

Application

The BSL26 emergency LED driver works in conjunction with an AC LED driver that has an output current not to exceed 2.8 ADC Continuous to convert LED fixtures into emergency lighting. The emergency driver consists of a high-temperature nickel-cadmium battery, charger and electronic circuitry in one compact red case. The BSL26 can be used with an LED lighting load of up to 5.1 Watts measured at nominal battery voltage at rated current of 265 mA for 90 minutes. If used in an emergency-only fixture, no AC driver is necessary. The BSL26 is suitable for indoor and damp locations and for sealed & gasketed fixtures, including fixtures rated for wet locations. The BSL26C is suitable for indoor and damp locations. Neither the BSL26 nor the BSL26C is suitable for air handling heated air outlets and wet or hazardous locations. For more information about specific LED and AC driver compatibility, please call the factory.

Operation

When AC power fails, the BSL26 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 BSL26 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.

Emergency Illumination

The BSL26 operates an LED load of up to 5.1 W measured at nominal battery voltage at rated current (265 mA) for a minimum of 90 minutes.

Specification

Emergency lighting shall be provided by using a LED fixture equipped with a Bodine BSL26 emergency driver. This emergency driver shall consist of a high-temperature, maintenance-free nickel-cadmium battery, charger and electronic circuitry contained in one 9 3/8" x 2 3/8" x 1 1/2" red metal case. (The BSL26C comes with 2' length(s) of flexible conduit.) An illuminated test switch (ITS) to monitor charger and battery and installation hardware shall be provided. The emergency driver shall be capable of operating an LED load of up to 5.1 Watts at a maximum rated current (265 mA) for a

minimum of 90 minutes. It is suitable for indoor and damp locations and for sealed & gasketed fixtures (BSL26 only). The BSL26 shall have 3 Watts of input power and a 14.4 Watt-hour battery capacity and shall comply with emergency standards set forth by the current NEC. The emergency driver shall be UL Component Recognized for the US and Canada for factory installation only.

Installation Options and Ordering Codes

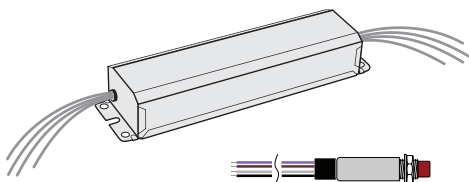
The BSL26 can be ordered in several mounting configurations and with different test switch/LED options. Please see the Ordering Codes below to determine which configuration best meet your requirements.

Warranty

Model BSL23/BSL23C is warranted for five (5) full years from date of purchase. Please see detailed warranty information on our web site.

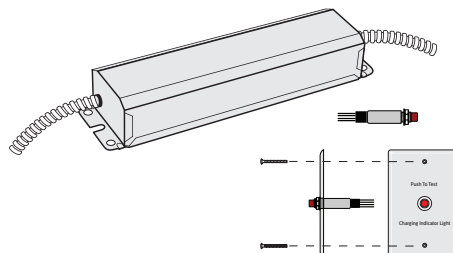
Optional models:

BSL26 (Order Number BSL26)
12 NC 913701228802
Includes Loose 4-wire ITS Parts Kit



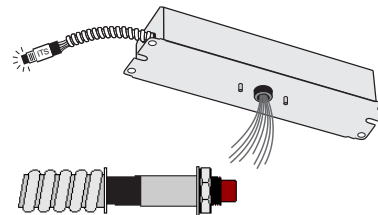
BSL26 - 2.0 lbs. (0.91 kg)

BSL26C Type 1 (Order Number BSL26C)
12 NC 913701228502
Includes 4-wire ITS on Wall Plate



BSL26C Type 1 - 3.0 lbs. (1.4 kg)

BSL26C Type 2 Option 6
(Order Number BSL26CT2O6)
12 NC 913701228702
Includes 4-wire ITS on Wall Plate



BSL26C Type 2 option 6 - 2.5 lbs. (1.1 kg)

