



# **Emergency LED Driver** 23.1 Watts output power

Product order number: BSL722M (metal case)



Project:	
Туре:	
Model.No:	Qty:
Date:	
Notos.	

# **Specifications**

#### **UL COMPONENT RECOGNIZED**

#### UL Recognized for US and Canada

Factory Installation only (Indoor and Damp locations, including sealed and gasketed fixtures)

#### **Illumination Time**

90 Minutes

## **Full Warranty**

3 Years (NOT pro-rata)

#### Universal Input Voltage

120 through 277 VAC, 50/60 Hz

#### **AC Input Current**

80 mA

# AC Input Power Rating

7.5 W

# **Output Voltage**

28.0 to 33.0 VDC

#### **Output Current**

700 mA

# **Output Power**

23.1 W (Maximum)

#### **Test Switch**

Low Voltage, IP67 rated ITS

#### **Battery**

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

## **Battery Charging Current**

160 mA

#### **Recharge Time**

24 Hours

# **Charging Indicator Light**

# **Temperature Rating (Ambient)**

0°C to +60°C (32°F to 140°F)

## Dimensions

9.4" x 2.2" x 1.05" (238 mm x 55.9 mm x 26.7 mm) Mounting Center 8.9" (226 mm)

## Weight

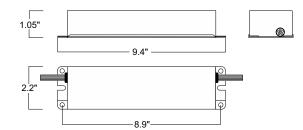
4 lbs. (1.82 kg)

# **Benefits:**

- For use in damp locations as well as sealed and gasketed fixtures
- Universal input (120 through 277 VAC, 50/60 Hz)

# **Dimensions**

9.4" x 2.2" x 1.05" (mounting center - 11.5")

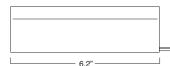




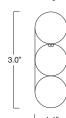
Low Voltage Test Switch -IP67 rated ITS

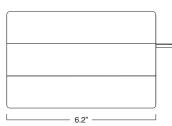
# Triangular Battery Option 1





#### Flat Battery Option 2





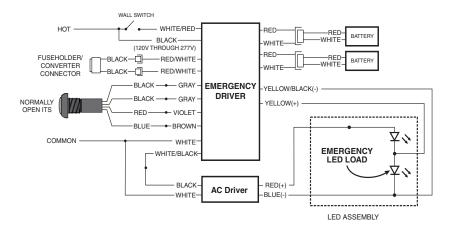


# **BSL722**

# Emergency LED Driver, 23.1 Watts output power

### **Typical Wiring Diagram**

See Installation Instructions for complete information.



### **Application**

The BSL722 emergency LED driver works in conjunction with an AC LED driver to convert new LED fixtures into emergency lighting. The emergency driver unit consists of a battery charger and electronic circuitry in one compact case. The batteries are separate from the driver and are available in triangular and flat configurations. The BSL722 can be used with an LED lighting load of up to 23.1 Watts at rated current of 700 mA for 90 minutes. If used in an emergency-only fixture, no AC driver is necessary. The BSL722 is suitable for damp locations as well as sealed and gasketed fixtures. The BSL722 is not suitable for air handling heated air outlets or wet or hazardous locations. For more information about specific LED and AC driver compatibility, please call the factory.

## Operation

When AC power fails, the BSL722 immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

## Installation

The BSL722 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 BSL722 operates an LED load of up to 23.1 W at rated current (700 mA) for a minimum of 90 minutes.

#### **Specification**

Emergency lighting shall be provided by using a standard LED fixture equipped with a Philips Bodine BSL722 emergency driver. This emergency driver shall consist of high-temperature, maintenance-free nickel-cadmium batteries with a separate battery charger and electronic circuitry contained in one 9.4" x 2.2" x 1.05" metal case. Battery and installation hardware shall be provided and a low voltage, normally open, IP67

rated ITS. The emergency driver shall be capable of operating an LED load of up to 23.1 Watts at rated current (700 mA) for a minimum of 90 minutes. It is suitable for damp locations as well as sealed and gasketed fixtures. The BSL722 shall have 7.5 Watts of input power and a 54.0 Watt-hour battery capacity and shall comply with emergency standards set forth by the current NEC, National Building Code of Canada and the Canadian Electrical Code. The emergency drivers shall be UL Component Recognized for the US and Canada for factory installation only.

## Warranty

Model BSL722 is warranted for three (3) full years from date of purchase. Please see detailed warranty information on our web site.

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