

Project		Catalog #		Type	
Prepared by		Notes		Date	



Sure-Lites

EBPLEDC1LV/HV

LED Emergency battery pack
20 watts of emergency power
20V to 50V (LV) or 125V to 200V (HV) output
Factory or field installed

Typical Applications

Office • Education • Healthcare • Hospitality • Industrial

Interactive Menu

- Order Information [page 2](#)
- Product Specification [page 2](#)
- Product Warranty [page 2](#)

Product Certification

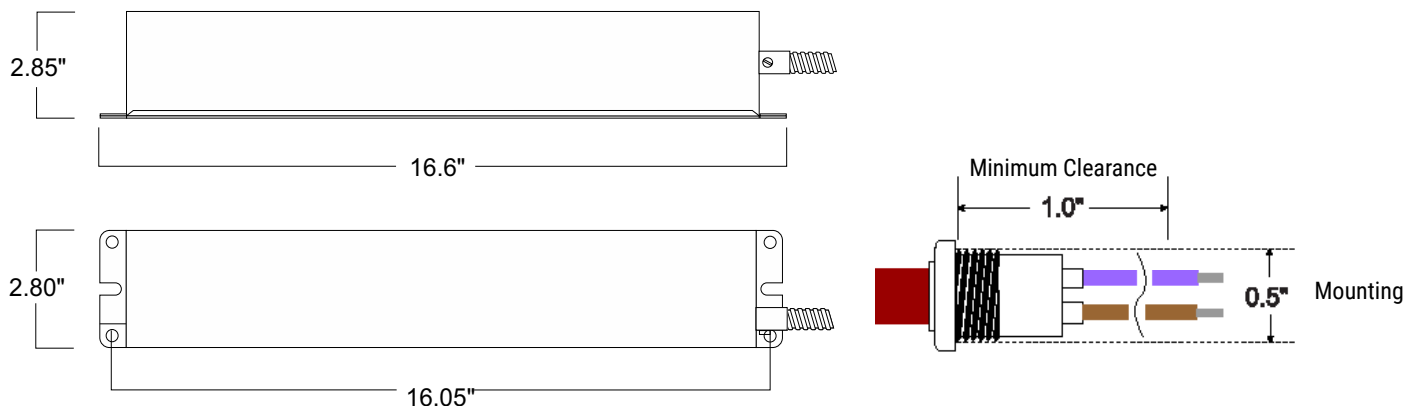
T20 Certified to California
Title 20 Appliance Database



Top Product Features

- Converts standard LED fixtures to emergency fixtures with 90 minutes of run time
- 20 watts of emergency power equals up to 2600 lumens of illumination during a power outage
- UL1310 and CSA 22.2 damp location listed for both factory or field installation
- Compatible with LED products with 20 to 50 (LV) or 125 to 200 (HV) VDC operation
- 5 year product warranty

Dimensional Details



An illuminated test switch/charging indicator light is provided.

Order Information

SAMPLE ORDER NUMBER: **EBPLEDC1HV-20W**

Series	Voltage	Wattage
EBPLEDC1 = Emergency LED Driver	HV- = High Voltage LV- = Low Voltage	20W = 20 Watts

How to Specify

A patented circuit delays AC LED driver operation for up to 2 seconds to prevent over current of LED's that would occur if both drivers supply the load at the same time. It works on the Universal Input (120-277V) emergency LED driver in conjunction with an AC driver and delivers an output current not to exceed 2.0A (LV) or 5.0A (HV).

The emergency driver consists of a high temperature Ni-Cad battery, charger and electronic circuitry in one galvanized case. It supplies an LED lighting load of up to 20 Watts for 90 minutes. If used in an emergency only fixture, no AC Driver is necessary. Converts standard LED fixtures to emergency fixture with 90 minutes of run time. 20 watts of emergency power equals up to 2600 lumens of illumination during a power outage.

*For more information about specific LED and AC driver compatibility, please call the factory.

Product Specifications

UL Listed for US and Canada

Listed to UL924 and tested to CSA 22.2 No. 141
For Field or Factory Installation (Indoor and Damp)

Illumination Time

Minimum 90 Minutes

Initial Light Output

Up to 2600 Lumens

Universal Input Voltage

120-277 VAC, 50/60 Hz

AC Input Power Voltage

8.5 W Maximum

Output Current and Voltage

EBPLEDC1HV-20W 0.16A-0.10A 125V-200V
EBPLEDC1LV-20W 1A-0.50A 20V-50V (Class 2)

Output Power

20 W (initial)

Test Switch / Charging Indicator Light

Test Button Indicator Light (TBIL)

Battery

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

Recharge Time

24 Hours

Temperature Rating

Ambient : 0°C to +50°C (32°F to 122°F)
Case: Tc (max): 65°C

Dimensions

16.6" x 2.8" x 2.85" (422 mm x 71 mm x 73 mm)
2' (610 mm) Flexible Conduit
Mounting Center 16.05" (408mm)

Weight

7.1 lbs. (3.22 kg)

Installation

- The EBPLEDC1 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.

Operation

- It operates at a reduced lumen output for a minimum of 90 minutes.
- When AC power fails, the EBPLEDC1 immediately switches to the emergency mode.
- As soon as the AC power is restored, the emergency driver automatically returns to the charging mode.
- Compatible with LED products with 20 to 50 (LV) or 125 to 200 (HV) VDC operation.

Emergency Illumination

- The EBPLEDC1 operates an LED load of up to 20.0 W at nominal battery voltage for a minimum of 90 minutes.

Application

- EBPLEDC1 is UL Listed and can be used for normal and emergency options.
- Suitable for Indoor and Damp Locations.

Compliance

- T20 Compliant.
- ROHS Compliant
- UL1310 and CSA 22.2 damp location listed for both factory or field installation.

*For detailed information regarding standards and code compliance for emergency lighting see product page or the Codes and Standards section on the web site.

Warranty

- Five-year limited warranty