

VEMB20W

Type B Emergency LED Driver



Espen Technology's Emergency LED Driver operates Espen Flex and Flex DE Type B LED T5 and T8 lamps. During a power outage, the VEMB20W provides up to 20W of power to the lamp, allowing the same fixture to be used in both normal and emergency mode.

Until recently, emergency driver solutions were readily available for Type A and Type C TLED solutions, but not Type B LED solutions. Type B was another case due to the challenging nature of AC lamp input requirements compared to DC. Since Type B TLEDs have an internal driver and are wired directly to line voltage, these lamps do not require a fluorescent ballast to convert line voltage to DC current. With no external ballast available to wire to, an auxiliary power supply, such as a generator or inverter, was the only option to provide emergency line power. Espen's VEMB20W overcomes this challenge.

At 20W, this emergency driver illuminates most TLEDs at full brightness. The emergency driver test lead allows the user further peace of mind to ensure the driver is installed and operating correctly. Espen Technology is proud to add VEMB20W Type B Emergency LED Driver to our line of emergency drivers.

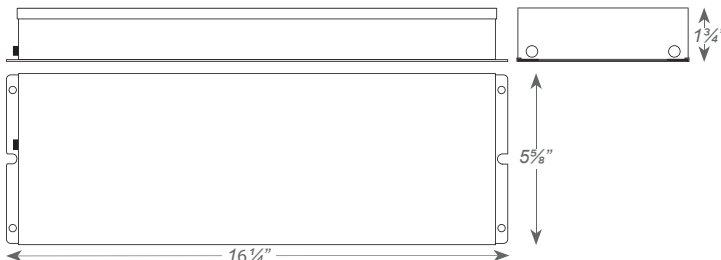
FEATURES AND BENEFITS

- Durable Steel Housing Contains LED Driver and Battery
- 90 Minute Illumination Time
- Durable Steel Constructed Driver
- Nickel-Cadmium Rechargeable Battery
- LED Test Switch Included
- 30° F to 120° F Ambient Operating Temperature
- Suitable for Damp Locations
- Meets UL924, NFPA 101 Life Safety Code, NEC and OSHA
- 5 Year Warranty



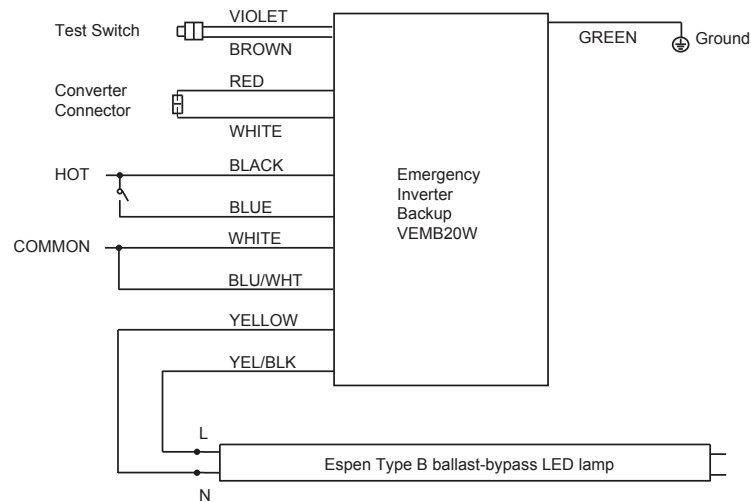
APPLICATIONS

- Offices
- Warehouses
- Retail Stores
- Healthcare Environments
- Educational Facilities
- Hospitality Interiors



VEMB20W

Type B Emergency LED Driver



ELECTRICAL

Universal 120-277V, 50/60Hz Input

Provides 180-320VDC (120-230VAC Equivalent) to the Load During Emergency Mode Operation

Charge/Power "ON" LED Indicator Light and Push-to-Test Switch for Code Compliance Testing

Long Life, Maintenance Free, Nickel-Cadmium Rechargeable Battery

Output Short and Overcurrent Protection: Electronic Limiting, with Normal Operation Resuming

90 Minute Minimum Emergency Operating Time Over Full Temperature Range

24 Hour Maximum Battery Recharge Time

INSTALLATION

For Use with Switched or Un-Switched Fixtures

Does Not Affect Normal Operation

Suitable for Installation on Top or in Remote of the Fixture

Emergency Driver and Lamps Must be Fed from Same Branch Circuit

HOUSING

Durable Painted Steel Construction in Red Finish

Comes with 2 Foot Flexible Conduits

Model No.	Output Power (W)	Output Voltage (V)
Type B Emergency LED Driver		
VEMB20W	20	180 - 320