

LED EMERGENCY DRIVER

Description:

The VEML8JV-1, LED emergency driver works in conjunction with the LED driver to allow the same LED fixture to be used for both normal and emergency operations. When power fails, VEML8JV-1 switches to emergency mode and keeps the luminaire illuminated at a reduced lumen output for a minimum of 90 minutes. VEML8JV-1 is suitable for use in new LED fixtures or LED retrofit applications. Includes LED charging indicator light, single-pole test switch, battery and installation hardware.

Electrical:

- Multi voltage (120-347 VAC 50/60 Hz)
- Compatible with LED driver
- Maintenance-free, long-life, high temperature Lithium-ion battery
- Safety extra low output voltage: 30-60 VDC

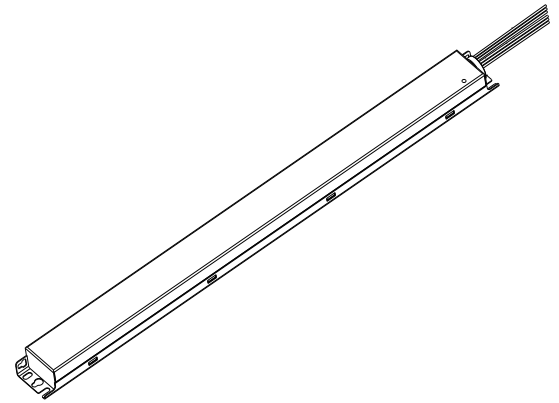
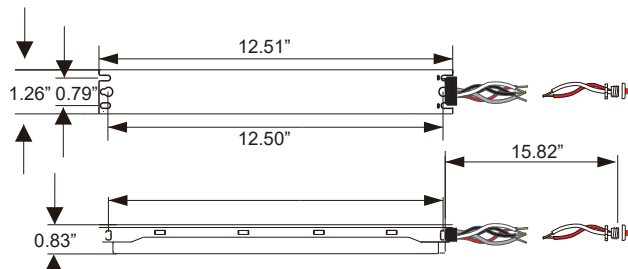
Installation:

- For use with switched or unswitched fixtures
- Does not affect normal operation
- May be installed in the wireway or on top of fixture
- Emergency driver must be fed from the same branch circuit as the LED driver
- Ambient temperature: 0°C/30°F - 50°C/120°F

Warranty:

- 5 years
- UL, cUL, UL924 listed
- FCC Part 15 Class B

Case Dimensions:



Model: VEML8JV-1

Operates with Espen CoreTech type C LED lamp, VersaLinear LED module, or any other Class 2 LED lamp or module

Technical Specifications

Input Voltage

120-347 VAC, 50/60 Hz

Lamps Operated

- 2' - 4' of Espen CoreTech type C LED lamp or VersaLinear LED module
- Other Class 2 LED lamp or module

Output Voltage

30-60 VDC

Emergency mode rated power

90 min in 8W

Emergency Operation

90 mins

Operating Temperature

0°C/30°F - 50°C/120°F

Battery

24-48 hr recharge, Lithium-ion

Approval

UL and cUL 924 Listed
CEC Compliant

Specification data is based on tests performed in a controlled environment and represents relative performance. Actual performance can vary depending on operating conditions. Application and performance data subject to change without notice. All specifications are nominal unless noted otherwise.

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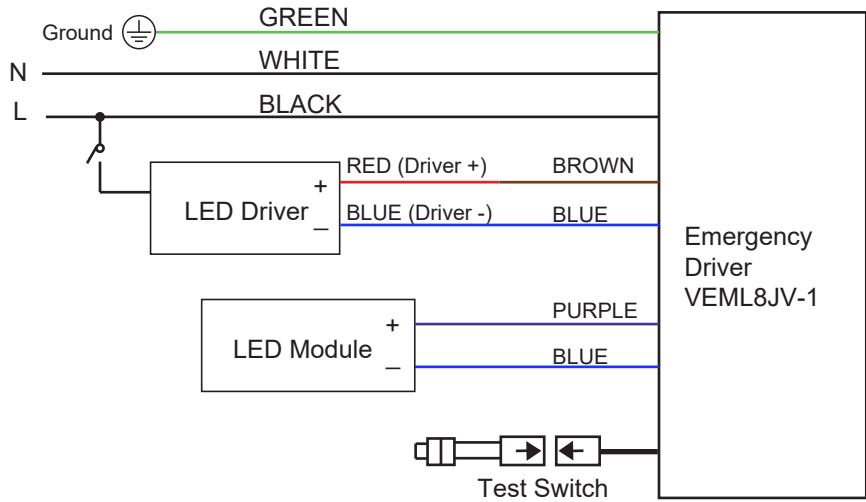
Testing and Indicator Represents:

- Green flashing indicator** represents that the emergency driver is charging;
- Green stable indicator** represents that the emergency driver is fully charged;
- Red flashing indicator** represents that the emergency driver is in Emergency Mode;
- Red stable indicator** represents that the emergency driver is about to be fully discharged;
- Yellow indicator** represents error operation, please check the wiring or contact Espen Technical Support.

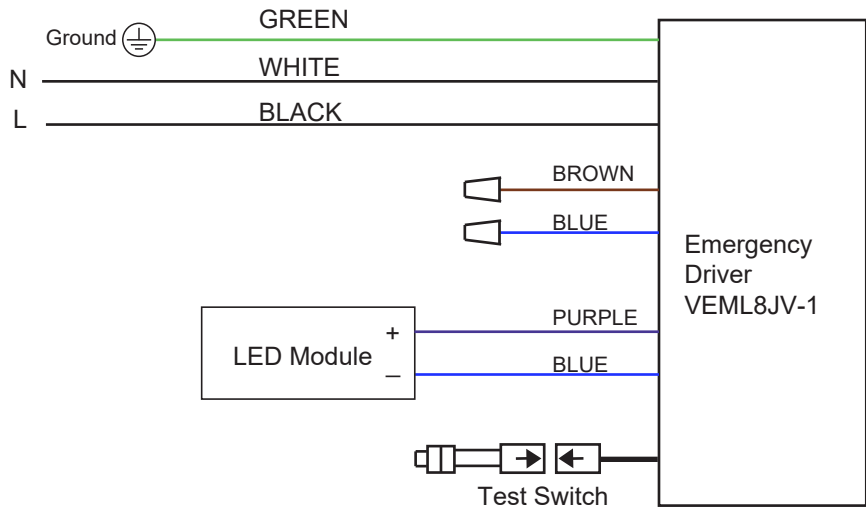
Press indicator button and hold, indicator turns from green to red, emergency driver goes into Emergency Mode;
Press indicator button twice, indicator turns from green to off, emergency driver turns off Emergency Mode.

Wiring Diagram:

1. For class 2 LED driver, LED module between 30Vdc and 60Vdc and below 150W or 4A



2. For LED module between 30Vdc and 60Vdc and below 150W or 4A



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