THE POWER TO CREATE BETTER LIGHT ™

LED EMERGENCY DRIVER

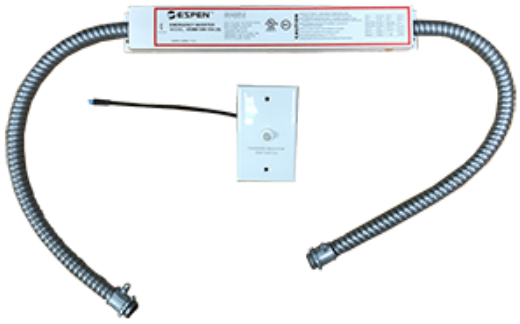
Description:
The Espen Technology VEMB15W-10V (D) Emergency Lighting Inverter works with Espen's commercial downlight or other 0-10V dimming fixture. VEMB15W-10V provides a maximum load of 15 Watts, it is suitable for 0-10V dimming fixture applicaiotn via switching 0-10V signal internally. VEMB15W-10V (D) allows the connected fixture(s) to be on, off, switched or dimmed without affecting emergency operation. Each unit consists of electronic circuitry; lithium–Ion battery, charger enclosed in a steel case and equiped with dual-end flexible conduit.

Electrical:
- Universal 120-347V AC, 50/60Hz Input
- Open Circuit Voltage 170VDC
- Charge/Power "ON" LED Indicator Light and Push-to-Test Switch for Code Compliance Testing

*Push Testing Switch Twice to Enter Shipping Mode
- Long Life, Maintenance Free, Lithium-Ion 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
- Self testing monthly, CEC compliant

Installation:
- For Use with Switched or Un-Switched Fixtures
- Does Not Affect Normal Operation
- Emergency Inverter and Fixtures Must be Fed from Same Branch Circuit

Warranty:
- 5 years
- Meets UL924



Model: VEMB15W-10V (D)

Description:
Operates Espen Commercial Downlight
0-10V Dimming fixture up to 80W

Technical Specifications

Input Voltage
120-347VAC

Lamp Operated
Espen Commercial Downlight
0-10V Dimming Fixture up to 80W max.

Emergency Operation
90 mins

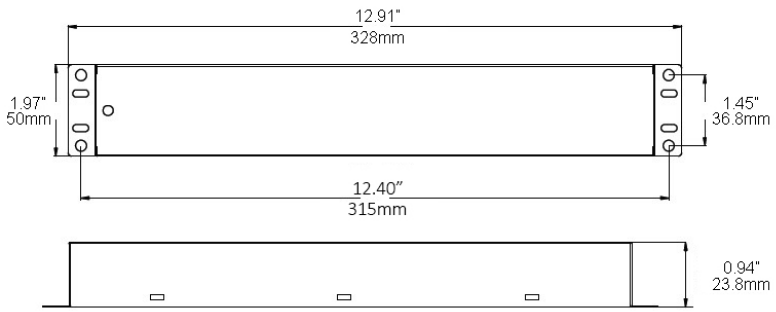
Operating Temperature
5C/40F - 50C/120F

Battery
Lithium-Ion

Housing
Durable Steel Housing Contains LED Driver and Battery, Dual Ends Equiped with 13 inches Flexible Conduit

Approval
Meets UL924

Case Dimensions:

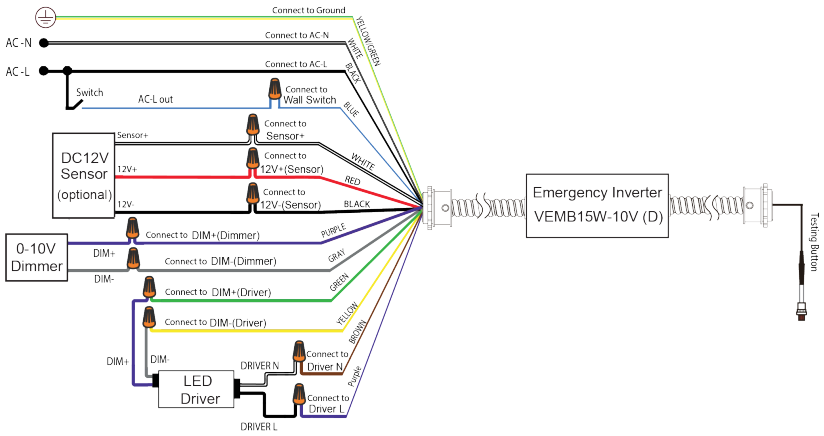


Wiring Diagram:

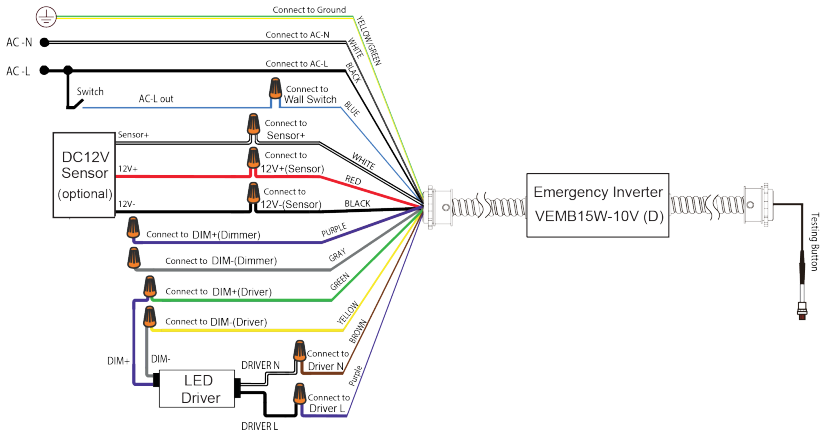
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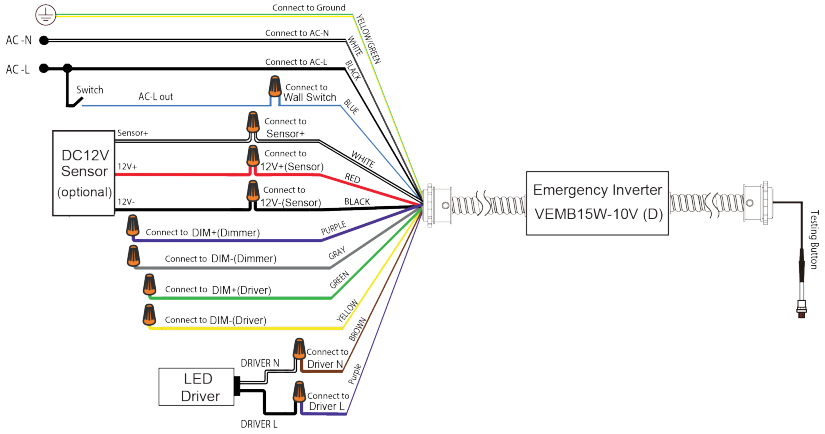
1. For luminaire with 0-10V LED driver and using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 80W)
Emergency Inverter Dim+ (Green) , Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-



2. For luminaire with 0-10V LED driver, without using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 80W)
Emergency Inverter Dim+ (Green) , Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-



3. For luminaire with non-dimming LED driver (* LED DRIVER INPUT POWER NOT GREATER THAN 15W)



User Manual VEMB15W-10V(D)_Manual.pdf

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