

# L20-CB48

Central Battery System 20W LED Emergency Driver



### Specifiers reference:

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Model #: \_\_\_\_\_  
 Comments: \_\_\_\_\_

### Product Summary

**Approvals** ..... UL Listed to UL924  
**Input Voltage - Sensing**..... (Universal) 115 - 277 Vac, 50/60 Hz  
**Input current- Sensing** ..... 30 mA (max.)  
**Input power** ..... 0.6 Watts (max.)  
**Input Voltage - Emergency Power Source** ..... 48 Vdc  
**Output voltage** ..... 15-55 Vdc - Class 2 Compliant  
**Output current** ..... 380 mA  
**Output power** ..... 20W max. Constant Current  
**Operating time** ..... Central Battery Dependant  
**Max. Output Current from AC Driver** ..... 3.0 Amps @ 55Vdc  
**Test Switch** ..... Quick Connect IP65 rated illuminated test switch  
**Weight** ..... 1.2 lbs.  
**Case** ..... Galvanized steel  
**Dimensions** ..... 9.5" L x 1.7" W x 1.14" H  
**Operating Temperature** ..... 32° to 131° F (0° to 55° C)  
**Warranty** ..... 5 years full

### Description

The Assurance Emergency Lighting L20-CB48 Central Battery System LED Emergency Driver allows Class 2 LED normal/emergency luminaires and 48 Vdc systems to provide emergency illumination. Applications -Telephone Switching and Call Center facilities.

### Specifications

Emergency lighting shall be provided by using a standard LED luminaire, separate LED Class 2 driver, Constant Current L20-CB48 emergency LED Driver and a customer provided 48 Vdc Central Battery System. The central battery emergency driver shall be UL Listed for factory or field installation. It allows the LED luminaire to be used for both normal and emergency operation. The luminaire can be switched, dimmed or unswitched. The L20-CB48 is enclosed in a metal case and includes a quick connect IP65 illuminated test switch. The L20-CB48 provides up to 20 watts to the Class 2 LED load for emergency illumination for the duration. The emergency operating time is determined by the customer provided 48 Vdc central battery system and should exceed requirements of applicable Life Safety Codes and the National Electrical Code. The L20-CB48 is warranted for a full five years from date of purchase.



### Mounting Configuration

L20-CB48: No conduit



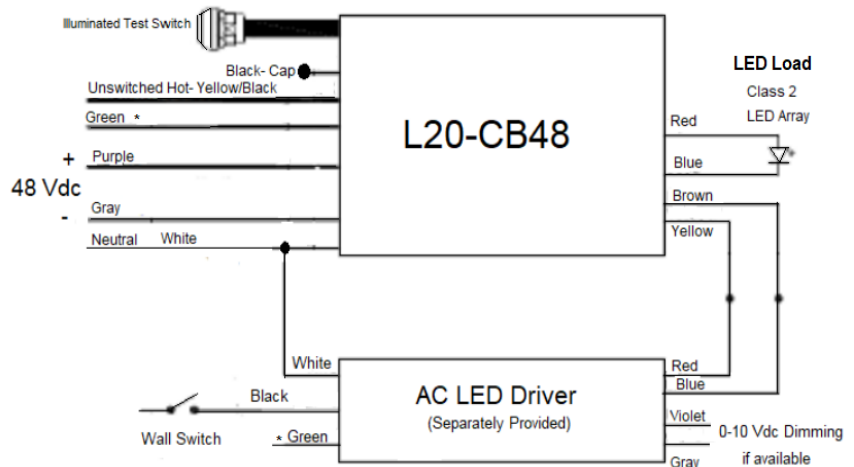
General Applications:  
 Telephone Call centers and Switching facilities  
 Facilities with a dedicated 48 Vdc Power Source

All Specifications subject to change without prior notification.

### Lumen Chart

Fixed Output Current	LED Board Voltage	LED Lumens per Watt EX 140L/W	Emergency Lumens
0.38	15	140	798
0.38	20	140	1064
0.38	25	140	1330
0.38	30	140	1596
0.38	35	140	1862
0.38	40	140	2128
0.38	45	140	2394
0.38	50	140	2660
0.38	55	140	2926

I out x V Array x lumens/w= Lumens



\*Note: Do Not Connect Green Wires if using a Positive +48 vdc Ground

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