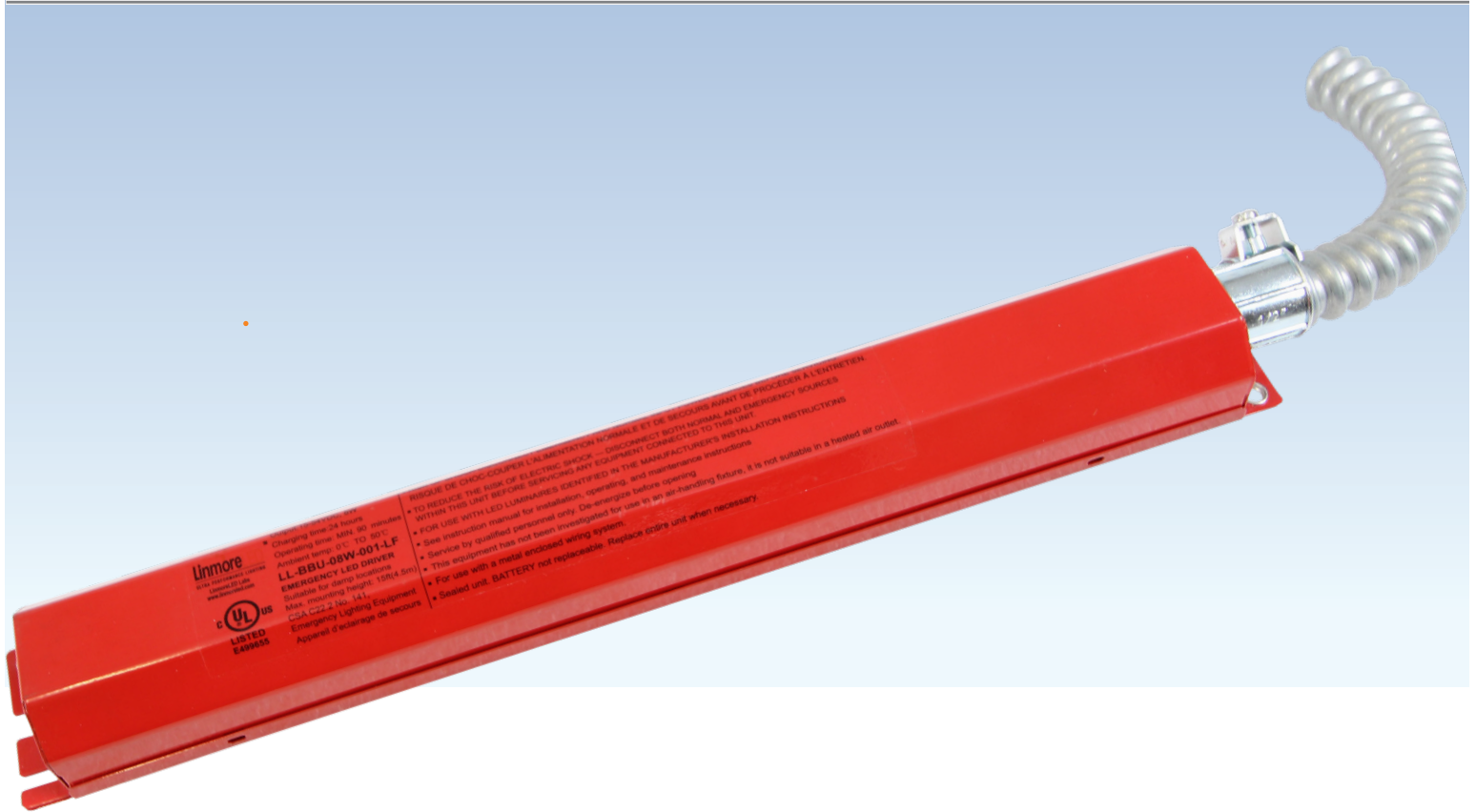




Project Name:	
Application:	
Date:	



## LED EXTERNAL DRIVER EMERGENCY BACKUP - LOW VOLTAGE OUTPUT



**Linmore LED Labs** LED External Driver Emergency Backup - Low Voltage Output is a UL Recognized LED Emergency Backup that allows the same LED fixture to be used for both normal and emergency operations. In the event of a power failure, the Emergency backup switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can and is available in different mounting configurations for individual fixture requirements.

### Highlights:

- For use with external driver systems
- 90 Minutes of Emergency Operation
- Long life, high temperature recyclable Ni-Cad battery
- Includes test switch and charge indicator accessory kit
- For use with switched or unswitched fixtures
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting

### Specifications:

- Input Voltage: 100-277VAC, 50/60Hz
- Input Current: 35mA max
- Input Power: 4 Watts
- Output Voltage: 12V-48VDC » 18V-48VDC
- Max. Connected Load: 0.67 A » 1 A
- Output Power: 8 Watts » 25 Watts
- Emergency Operation: >90 minutes
- Battery: High Temperature Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy
- Ambient Temperature: 32°F - 122° F
- Warranty: 5 Years

# LED EXTERNAL DRIVER EMERGENCY BACKUP - LOW VOLTAGE OUTPUT

## Benefits:

- UL Listed for field installation
- Universal line input voltage (100-277VAC)
- High Temperature Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy
- Provides full-power backup up to 25W for 90 minutes or more
- Surface-mounted housing with flexible metal conduit

## Specifications

Input Voltage	100-277VAC,50/60Hz	
Input Current	35mA max	
Input Power	4 Watts	
Output Voltage	12V-48VDC	18V-48VDC
Max. Connected Load	0.67 A	1 A
Output Power	8 Watts	25 Watts
Emergency Operation	>90 minutes	
Battery	High Temperature Nickel-Cadmium 24 Hour Recharge 7-10 Year Life Expectancy	
Ambient Temperature	32° F - 122° F	
Warranty	5 years	
Certifications	UL 1598, FCC CFR 47 Part 15, Class B, ROHS, CUL Canada	

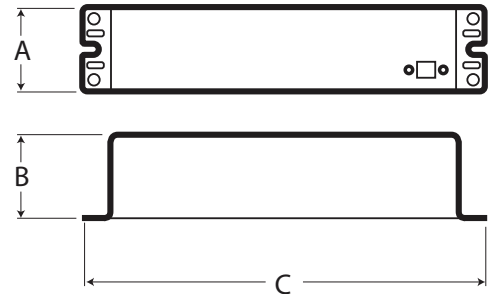
## Ordering Information

Model	Wattage Output
LL-BBU	8
	25

## Example

LL-BBU-0848

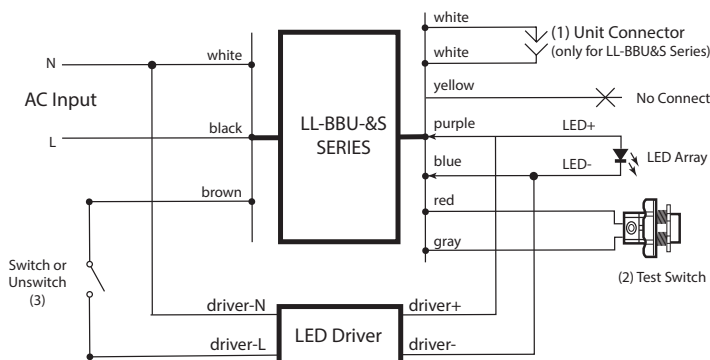
## Dimensions



Model	0848	2548
A	2.125"	2.125"
B	1.375"	1.75"
C	14.438"	17"

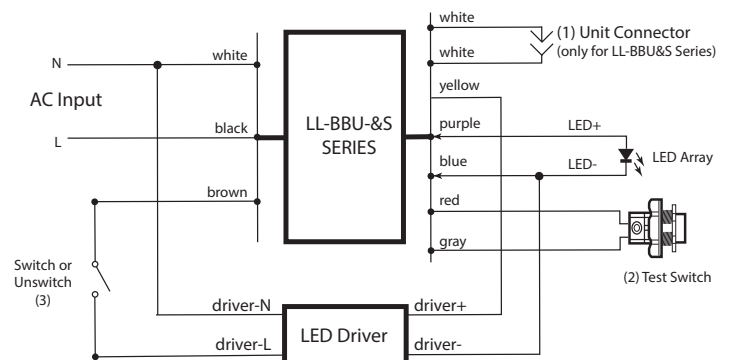
## WIRING DIAGRAM 1

(When the driver of the LED luminaires is over 70w)



## WIRING DIAGRAM 2

(When the driver of the LED luminaires is under 70w)



NOTE: Make sure the necessary branch circuit wiring is available. An unswitched source of power is required.