

EMERGENCY LED DRIVER

Features:

- SKU: SLS-ACC-Battery Backup
- High voltage output
- Low energy consumption (CEC compliant)
- Constant output power
- Self-testing capability
- Battery over-temperature protection
- Listed under UL924 and tested to CSA C22.2 NO.141
- Can be installed in the field or factory
- UL Listed for USA



Technical Specifications:

Input Voltage	100~347Vac, 50/60Hz
Input Current	200mA max.
Input Power Rating	12W max.
Output Voltage	170Vdc
Emergency Power	15W
Recharge Time	24Hrs
Discharge Time	90 minute
Battery	Li-ion
Ambient Temperature	32~122°F
Weight	2.66 lbs
Warranty	5 Years

Function:

Indicator Light:

- AC Operation: Light stays on.
- Emergency Operation: Light flashes slowly (2 seconds on, 2 seconds off).
- Failure: Light flashes quickly (0.2 seconds on, 0.2 seconds off).

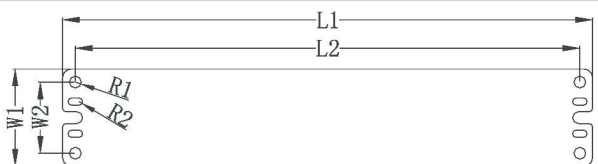
Test Switch:

- AC Operation: Press once for 30 seconds of emergency mode.
- AC Operation: Press twice within two seconds for emergency mode until battery is fully discharged.
- Emergency Operation: Press to deactivate emergency mode; LED lamp and indicator light turn off simultaneously.

Caution ⚠:

- During AC operation, do not touch or remove any wires to prevent electric shock.
- During emergency operation, before touching or disconnecting wires, press the test button again to turn off the LED lamp and indicator light, reducing the risk of electric shock.
- The voltage input to the dimmable wires (DIM+, DIM-) of the emergency LED driver must be less than 20Vdc.
- For emergency LED drivers of 15W, it's recommended to use with LED lamps not exceeding 150W.

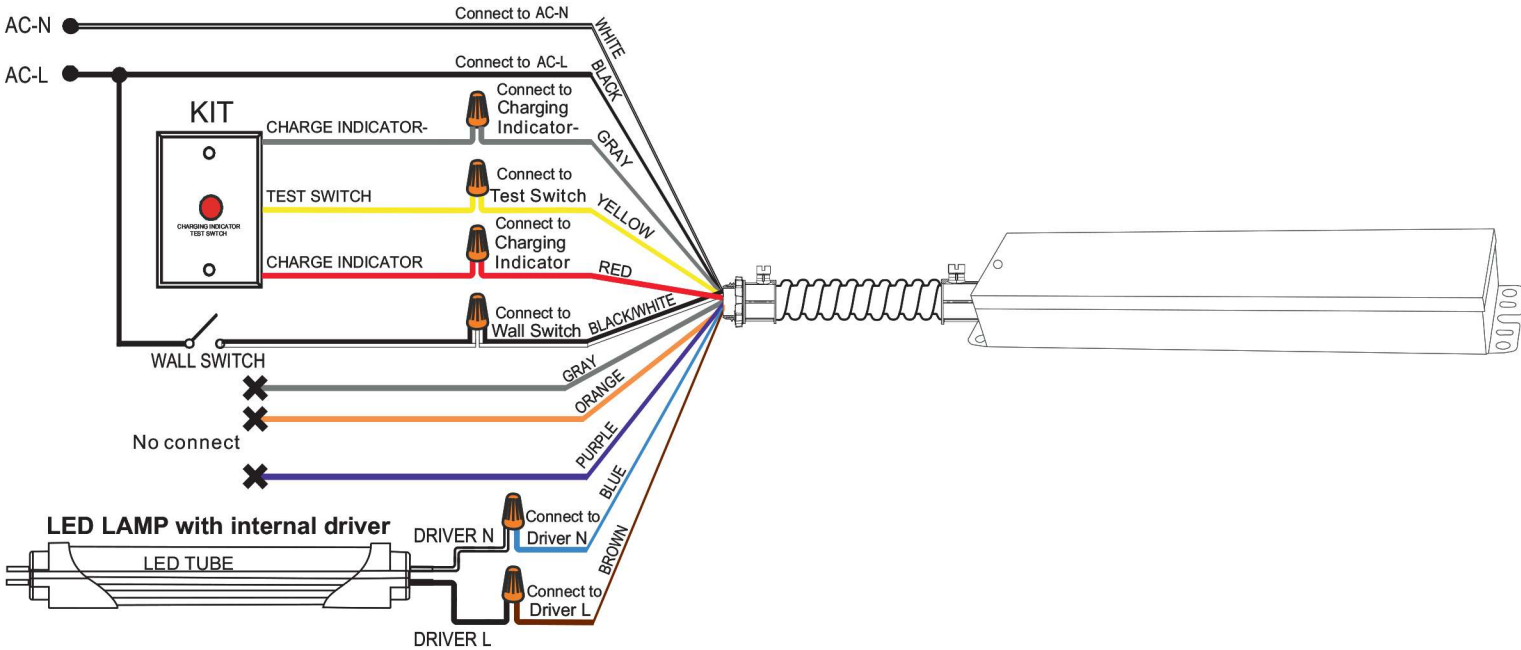
Dimensions:

Emergency LED Driver	Size											
	Length		Width		Height	Radius		Flexible Conduit	Conduit Diameter	Connector Diameter	Length of the wire	
Picture	L1	L2	W1	W2	/	R1	R2	/	/	/	/	
	12 3/8"	11 3/4"	2 3/8"	1 5/8"	1 1/2"	1/8"	1/8"	13"	3/4"	3/4"	5 1/2"	

Wiring Diagram:

When the LED driver's power is lower than the emergency power

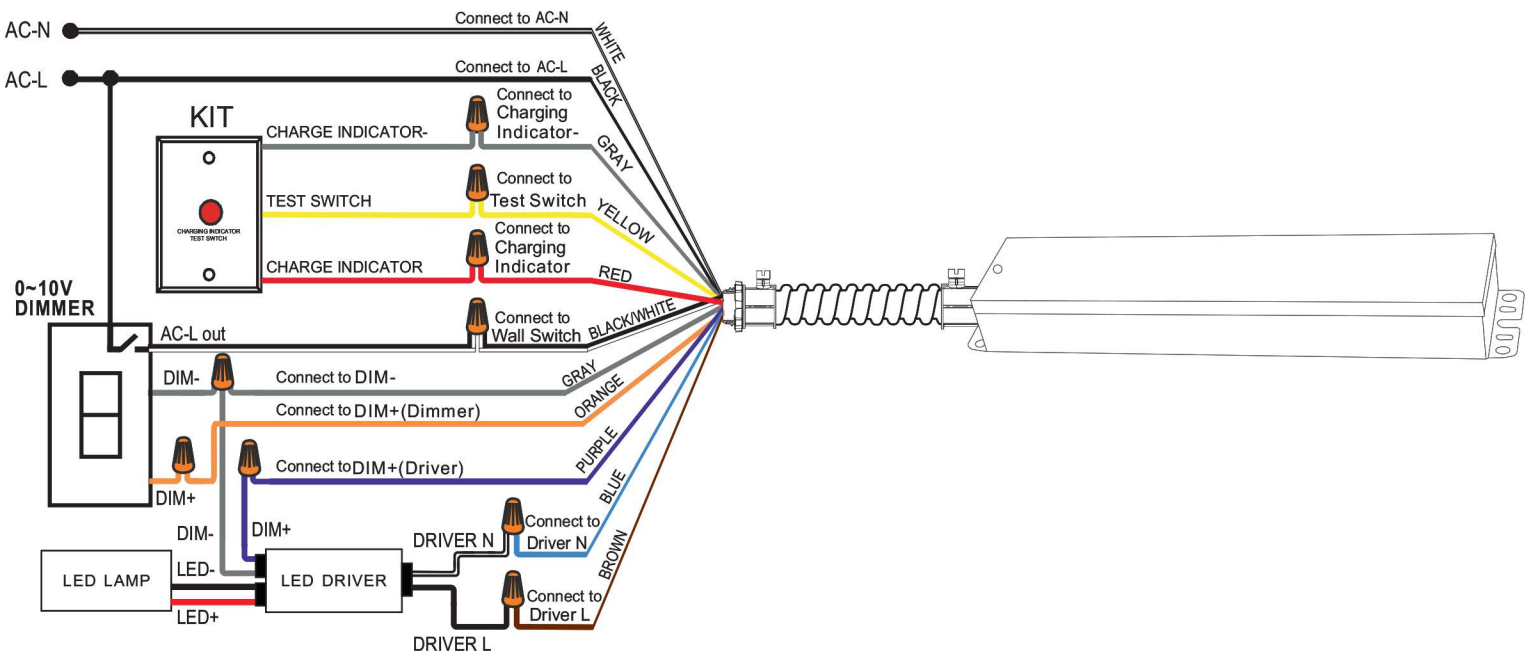
a) Normal:



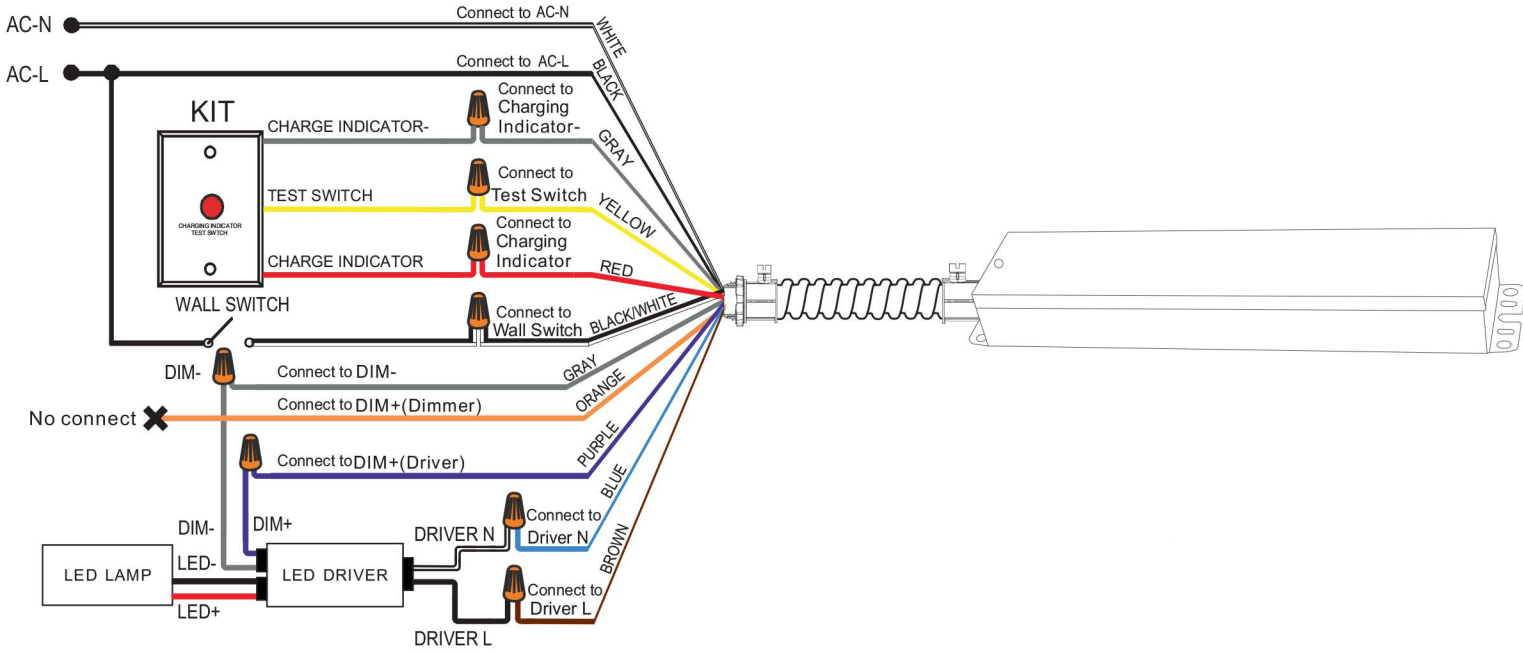
Note: Utilize wire nuts to secure any unused wires.

When the LED driver's power exceeds the emergency power

b) With Dimmer:

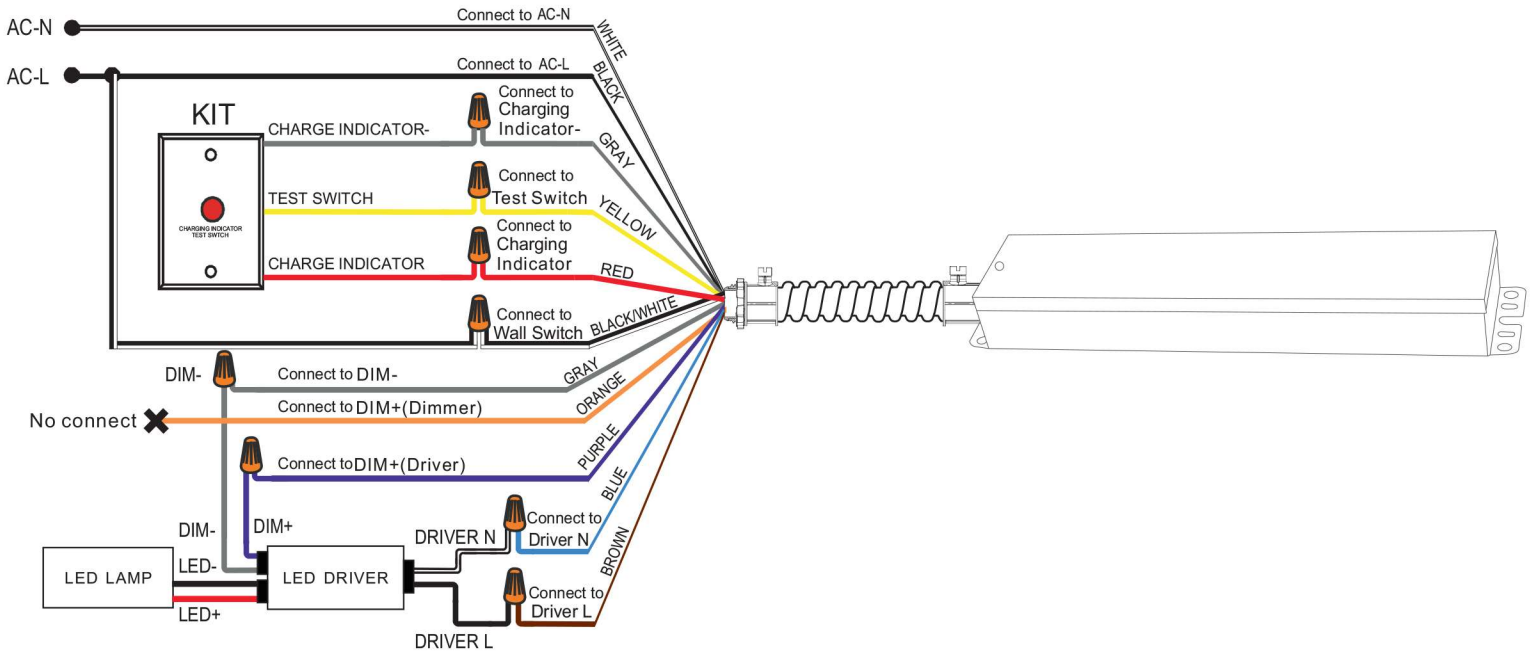


c) Without Dimmer:



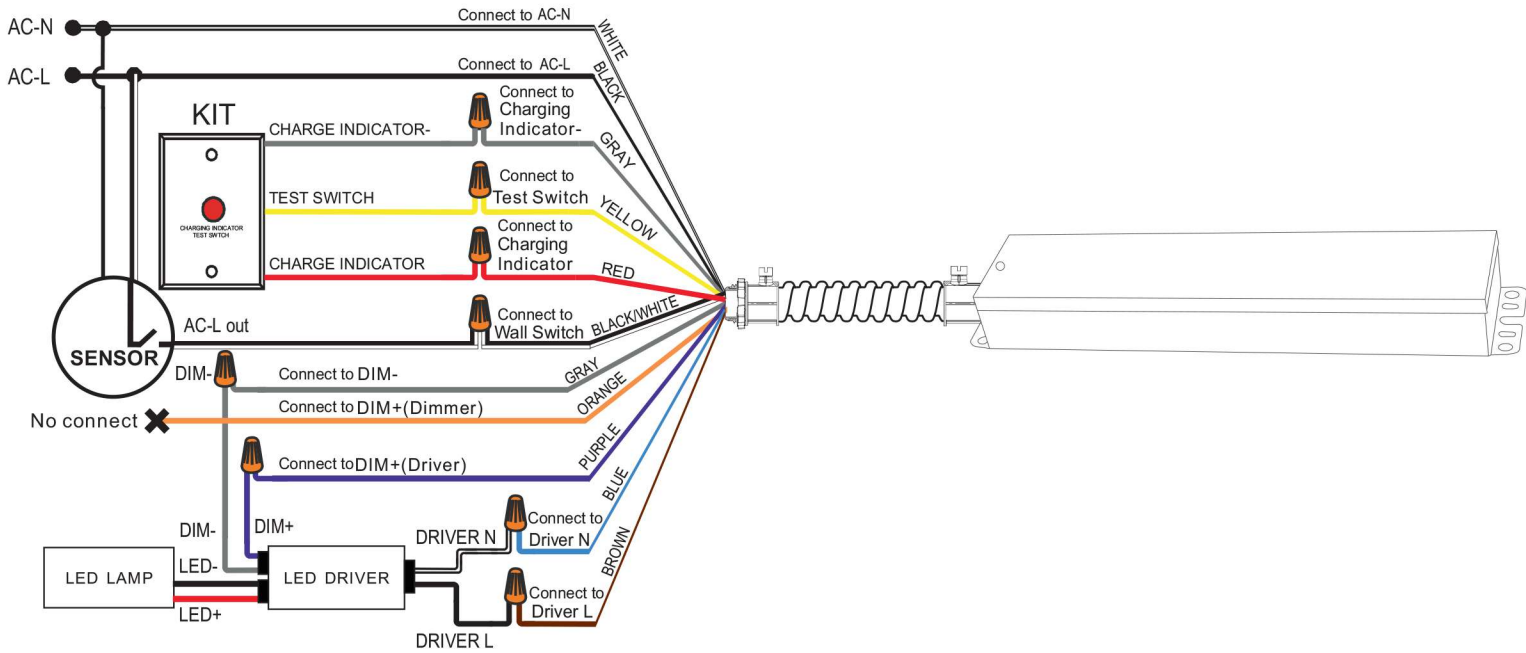
Note: Utilize wire nuts to secure any unused wires.

d) Without Switch and Dimmer:



Note: Utilize wire nuts to secure any unused wires.

e) With Sensor:



Note: Utilize wire nuts to secure any unused wires.

Self Test:

The unit contains a control/monitor circuit that performs a 30-second discharge test monthly and a discharge test annually. During these tests, it simulates an AC power failure and switches to emergency mode automatically. It monitors the LED load, battery voltage, and emergency duration. If any issues are detected, the indicator will flash rapidly.