

## Wiring Instructions for 86/209 with Adjustable High Bay Linear Fixtures.

- Turn off electrical power at fuse or circuit breaker box before wiring Emergency LED Driver.

Step 1: Connect the Black wire lead from the LED Driver to the Switching Line and the Main AC Circuit Load Lead (L) Wire (**This is The Switching Line**)

Step 2: Connect the Black Lead Wire on the Emergency LED Driver to the Second or Split Main AC circuit (**This is your None-Switched Line**)

Step 3: Connect the White wire leads from the LED Driver and Emergency Led Driver to the Main AC circuit Neutral lead (N)

Step 4: Connect the Ground from the Main Circuit to the (PG) on the Emergency Led Driver.

Step 5: **Disconnect** the RED Driver (+) and Black Driver (-) leaving the Fixture LED Driver.

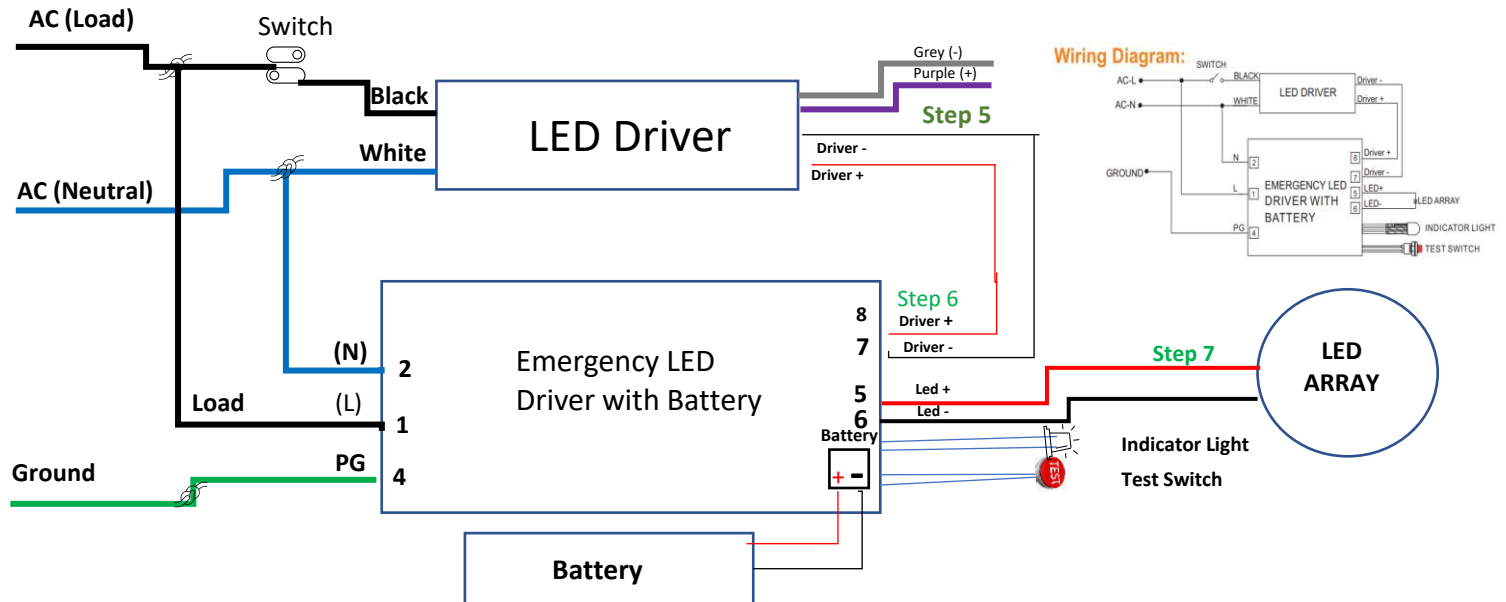
Step 6: Connect the Red Driver (+) and Black Driver (-) wires, leaving the Emergency LED driver (s) and connect them into the Fixture LED Driver Driver (-) and Driver (+) the Red to the (+) and black wire to the (-).

Step 7: Connect the Led (+) and LED (-) leaving the LED Array (Fixture) to the Emergency LED Driver (5) LED + and (6) LED -.

Step 8: If using 0-10 Dimming Control Connect the Purple (+) and Grey (-) from the LED Driver to the Purple (+) and Grey (-) from the dimming control.

Step 9: After the AC power supply is restore, the emergency LED driver will automatically charge, for maximum charging time allowed 24 hours.

Step 10: Restore power at the source and the installation is complete.



## Emergency Operation Instructions:

- Universal Operating Voltage 120-277Vac 50/60Hz
- Meets safety standards, EN61347-1, EN61347-2-7, EN61347-2-13, UL924
- AC Input 100mA max.
- AC Input Power rating 7.0w max
- Output Current and voltage 280-480mA 25- 48VDC
- Output power 20 Watts
- Emergency time: 1H, 2H, 3H.
- Battery Charging current: 250mA
- Battery Charging Time 24-Hours
- Temperature rating: 32deg F to 122deg F.
- Dimension: 7.4"x1.5"x1.1".
- Weight: 1.2Lbs
- Battery overcharge, discharge and short circuit protection.
- Intelligent Emergency automatic detection function.
- Battery Cycles: 500
- Constant output power (Auto-sensing output within each range voltage).

### **LED Indicator Colors/Functions:**

- Solid Red, indicates the Emergency LED Driver battery is charging.
- Flashing Red, Indicates low battery.
- Indicator light off indicates the battery is discharged.
- Flashing Green, Indicates the battery is recharging.
- In the event of a power outage, the Emergency LED Driver detects the power outage and will switch to the Emergency mode and run the light for 90-Minutes.
- Once the AC power is restored the Emergency LED Driver will switch to charging mode.