

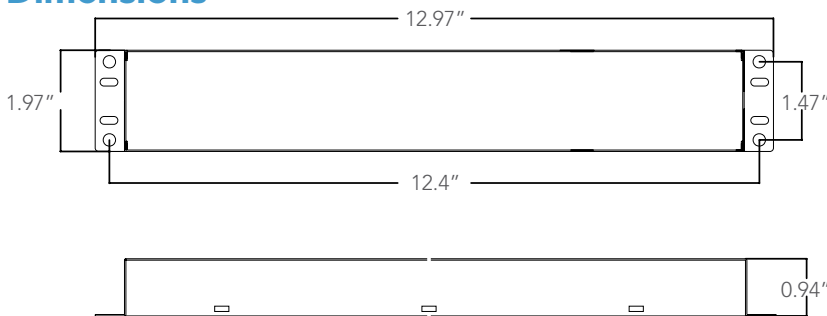


### Caution

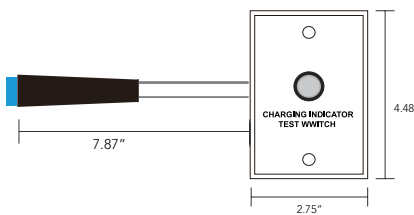
- The Emergency LED driver must connect to 0-10V dimming wires. (DIM+, DIM-) of the fixture if the LED luminaire power exceeds the emergency LED driver power.
- When dimming to minimum, the LED luminaire power must be less than the emergency driver's power.
- In emergency mode, double-click the test switch to turn off the current emergency stage.

Model Number:	EML8	EML15	EML20
Input Voltage:	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz
Input Current:	0.1A max	0.1A max	0.1A max
Input Power:	12W max	12W max	12W max
Output Voltage:	170V DC	170V DC	170V DC
Output Power:	8W	15W	20W
Application:	≤80W (0-10V Dimmable Fixture) ≤8W LED Lamps without dimming function	≤150W (0-10V Dimmable Fixture) ≤15W LED Lamps without dimming function	≤150W (0-10V Dimmable Fixture) ≤20W LED Lamps without dimming function
Ambient Temperature:	5°C ~ 50°C	5°C ~ 50°C	5°C ~ 50°C

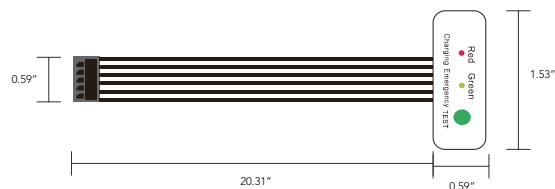
### Dimensions



Test Plate



Skinny Test Button



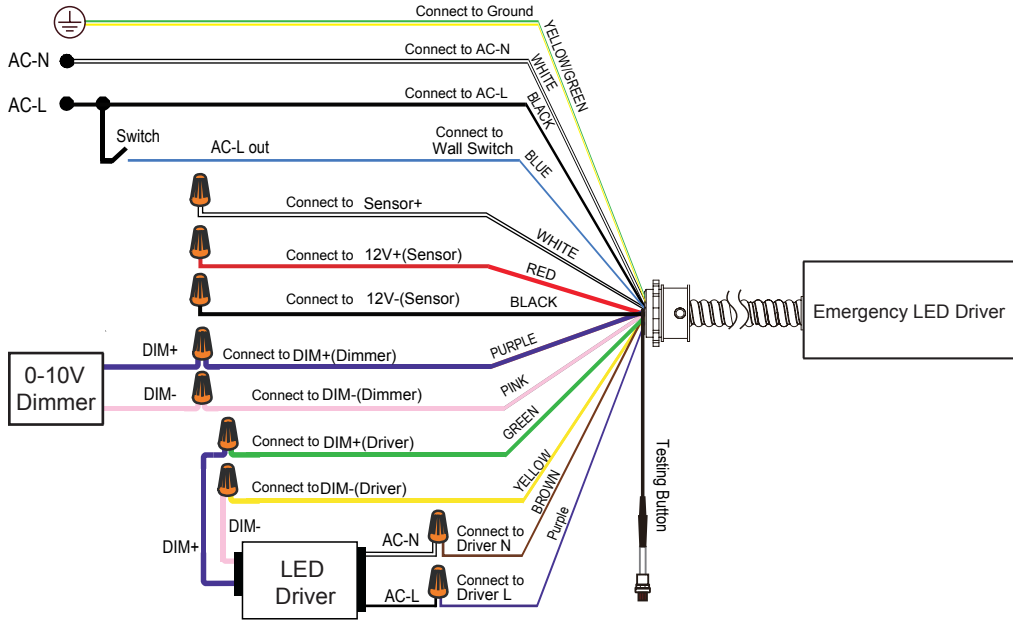


# Wiring Diagram

## Wiring 1: For LED Drivers with Input Power higher than the Emergency Output Power

0-10V Dimmable LED Driver + Dimmer Switch

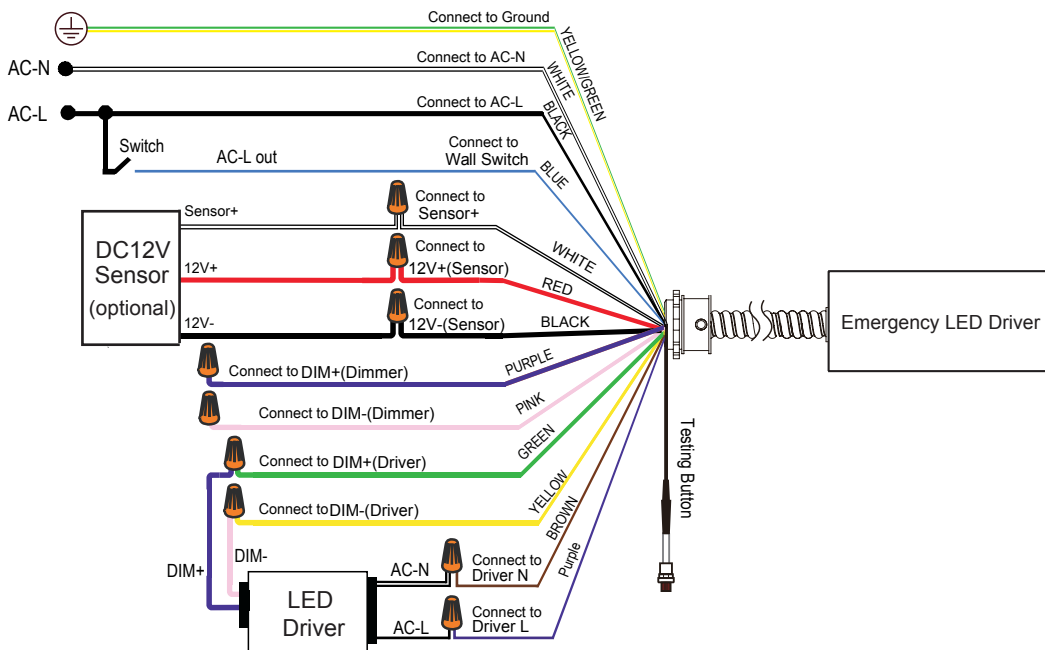
Emergency Driver DIM+ (Green), Driver DIM- (Yellow) have to connect with LED driver DIM+ and DIM-



## Wiring 2: For LED Drivers with Input Power higher than the Emergency Output Power

0-10V Dimmable LED Driver + Wall Switch

Emergency Driver DIM+ (Green), Driver DIM- (Yellow) have to connect with LED driver DIM+ and DIM- If using a 12Vdc sensor, the wires must connect to the emergency LED driver's 12V sensor wires.

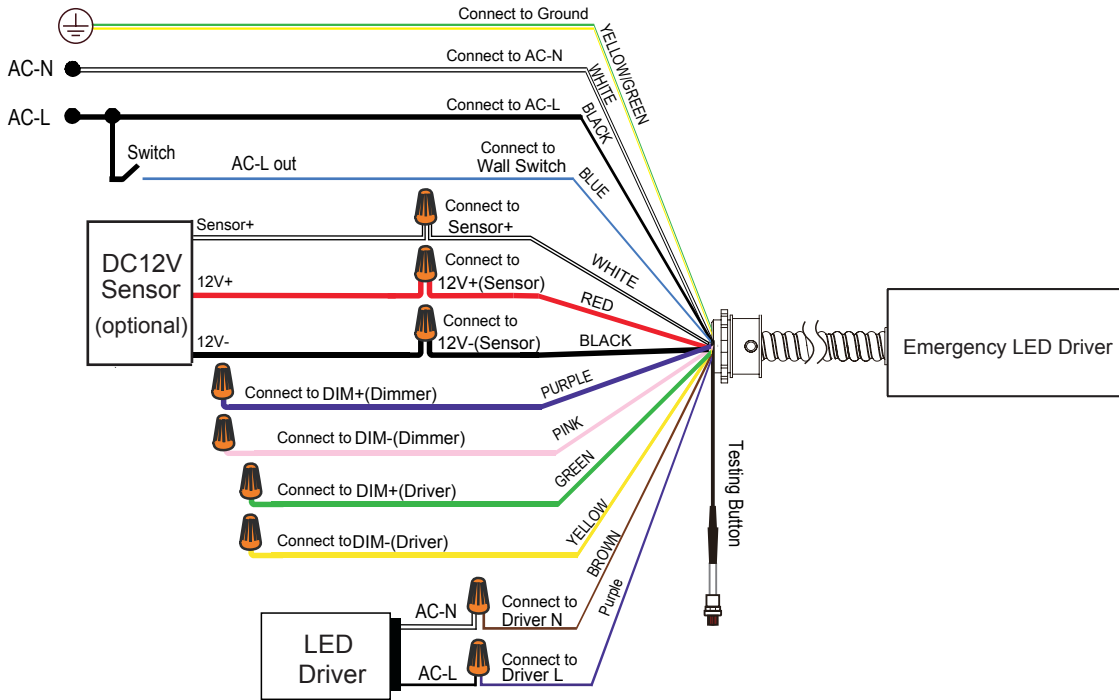




### Wiring 3: For LED Drivers with Input Power less than the Emergency Output Power

Non Dimmable LED Driver

If using a 12Vdc sensor, the wires must connect to the emergency LED driver's 12V sensor wires.



## IMPORTANT SAFEGUARDS

Follow all required local and national safety precautions including the following.

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Risk of fire or electric shock, Installation requires knowledge of luminaire electrical systems.
- Luminaire wiring and electrical parts may become damaged during installation.
- Check all wiring and components.
- If unqualified, **do not attempt installation**, contact a qualified electrician.
- Before installing make certain that all power to the fixture is off.
- Installer must confirm that there is 100-347V AC to the fixture before installation.
- To prevent electrical shock only make join the connector after installation is complete and before the AC power to the fixture is back on.
- The EML series LED emergency backup unit requires an un-switched AC power source of 100-347Vac ,50/60Hz.
- Do not mount near gas or electric heaters.
- Do not use outdoors.
- The EML series should be mounted in location(s) suitable for use with this emergency battery.
- The EML series should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for anything other than its intended use.
- Use with grounded, UL Listed , dry or damp location rated fixtures.



<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

## Ordering Information

<b>Part #</b>	<b>Description</b>
EML8	Emergency Battery Back Up, 8W, 90 Minutes
EML15	Emergency Battery Back Up, 15W, 90 Minutes
EML20	Emergency Battery Back Up, 20W, 90 Minutes