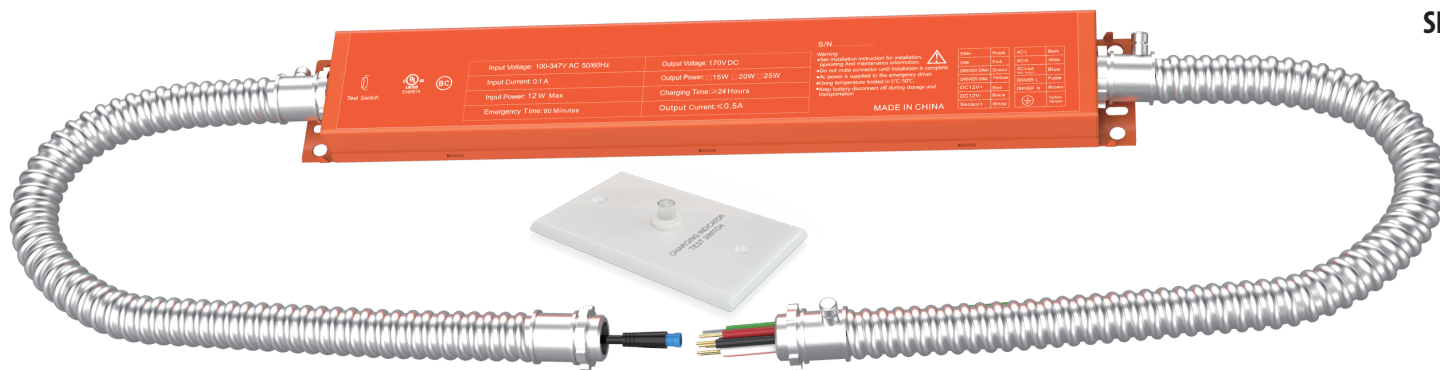


  
**HIGH VOLTAGE OUTPUT**  
170VDC

**CP**  
**CONSTANT POWER**  
EMERGENCY OUTPUT

  
**SELF TEST**



**SPECIFICATION**

Model No.	TGS-15W-INT
Input Voltage	100-347VAC, 50/60Hz
Output Current	170VDC
Input Current	0.1mA (MAX)
Input Power	12W (MAX)
Output Power	15W
Emergency Runtime	90 Minutes
Charge Time	≥ 24Hours
Application	≤100W (0-10V Dimmable Fixture) ≤15W LED Lamps without dimming function
Ambient Temperature	41°F ~ 122°F
Compliant	Title 20

**CAUTION:** 1. The Emergency Inverter must be connected to 0-10V Dimming wires (DIM+, DIM ) of the fixture if the Luminaire power is exceeding the emergency inverter power.

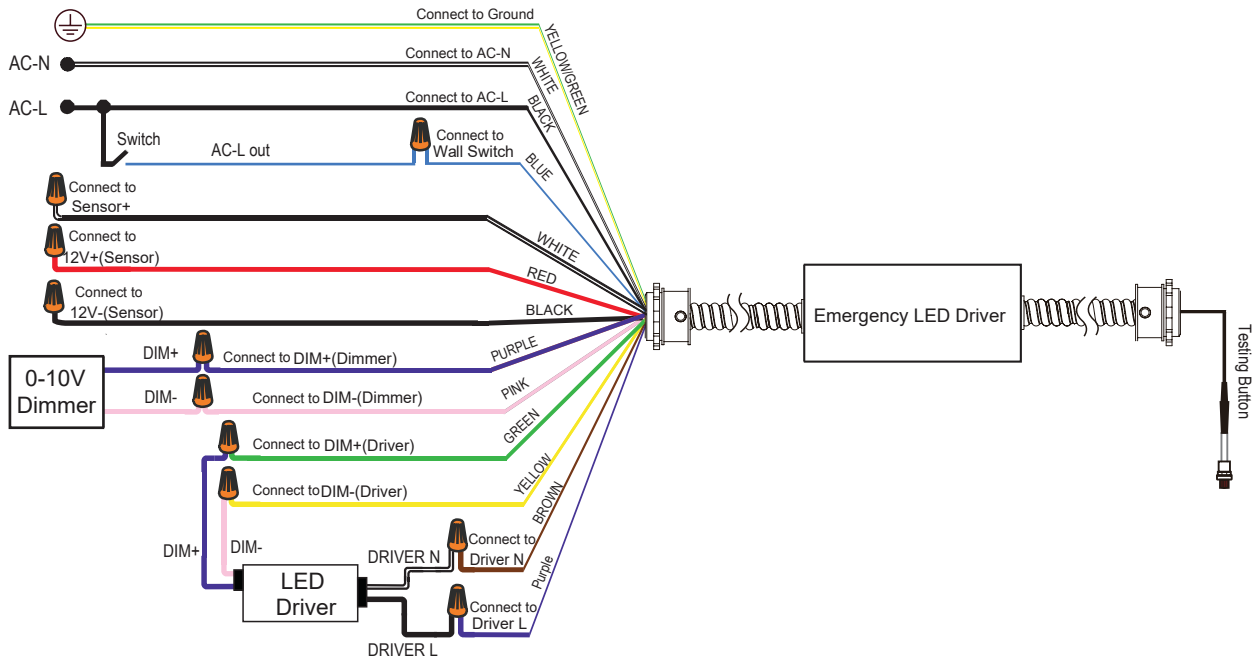
2. In emergency mode, double click the test switch to turn off the current emergency state.

**WIRING DIAGRAM**

**WIRING 1: LED Driver With Input Power Higher Than Emergency Output Power**

0-10V Dimmable Driver With Dimmer

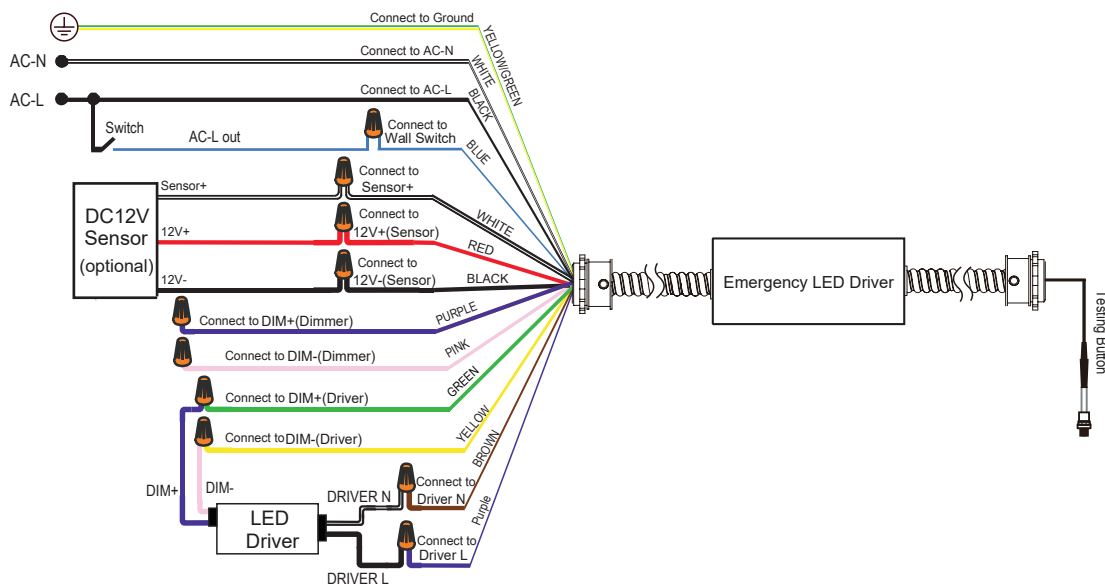
Emergency Inverter Dim+ (Green), Driver Dim - (Yellow) Have to connect with LED driver DIM+ and DIM -



**WIRING 2: LED Driver With Input Power Higher Than Emergency Output Power**

0-10V Dimmable Driver With Wall Switch

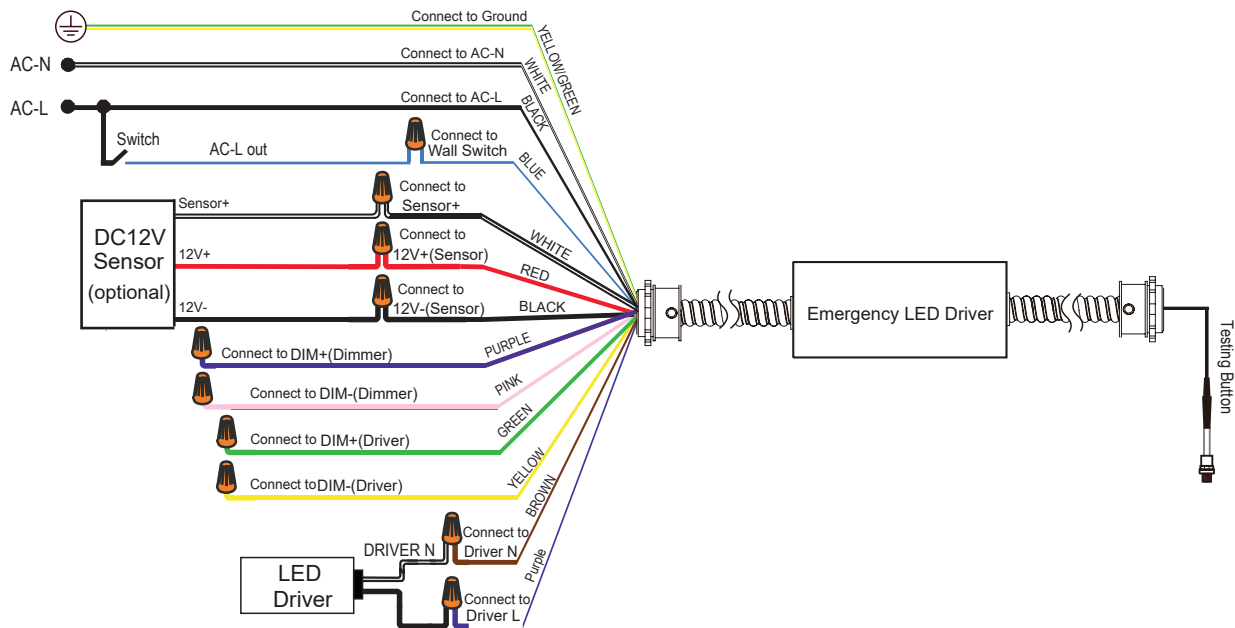
Emergency Inverter Dim+ (Green), Driver Dim - (Yellow) Have to connect with LED driver DIM+ and DIM -



WIRING DIAGRAM

WIRING 3: LED Driver With Input Power Higher Than Emergency Output Power

Non Dimmable LED Driver



TEST SWITCH & INDICATOR

Indicator Status	Emergency Working Status
Green Flashing	Charging Mode
Green On	Fully Charged Mode
Red On	Discharging Mode (EM working in emergency mode)

## IMPORTANT SAFE GUARDS

When using electrical equipment and this lighting device basic safety precaution should be followed at all times including but not limited to the following:

---

### PLEASE READ AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY

---

**CAUTION: RISK OF SHOCK** - Make sure all electrical connections conform to the National Electrical Code (NEC) and all applicable local regulations.

**CAUTION: RISK OF FIRE OR ELECTRIC SHOCK** -This emergency battery pack installation requires knowledge of luminaire and electrical systems.

**CAUTION:** Servicing of this equipment should be performed by qualified personnel only.

**CAUTION:** Before installation, make certain the AC power to fixture is off.

**CAUTION:** Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency inverter.

**CAUTION:** Suitable for use in 40°F -122°F ambient temperatures. Max. mounting height: 27.2 ft

**CAUTION:** An unswitched AC power source is required (100-347 VAC, 50/60 Hz). This device is designed for fixtures listed for dry and damp locations.

**IMPORTANT:** An unswitched AC power source is required (100-347 VAC, 50/60 Hz). This device is designed for fixtures listed for dry and damp locations.

**IMPORTANT:** Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.

**CAUTION:** Do not use outdoors. Do not mount near gas or electric heaters.

**CAUTION:** Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.

**CAUTION:** The use of accessory equipment not recommended by the manufacturer may cause an unsafe conditions. The emergency inverter is not to be used with an air-handling fixture.

**CAUTION:** Do not use this equipment for other than its intended use.

## SAVE THESE INSTRUCTIONS