

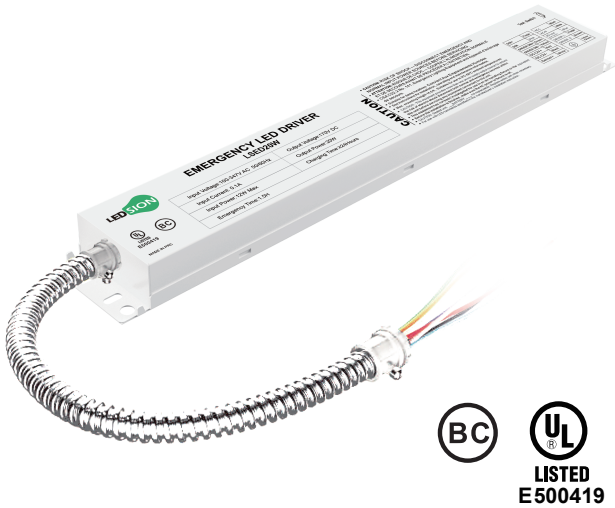


Emergency LED Driver

Date: Location:.....

Product:..... Project:

Quantity:..... Catalog#



FEATURES

- Constant output power Self-testing.
- Long life high temperature recyclable Li-ion battery.
- Includes 2-in 1 test switch and charge indicator light.
- 5 years warranty.
- Suitable for use in dry and damp location.
- UL Listed for factory or field installation-UL924& CSA C22.2 NO.141.
- Certified for CA Title 20.

AC Operation:

AC power is present,The LED load from the LEDdriver is normal power supply,AC LED driver output current can not exceed 4A, the emergency driver is charging in a stand by mode.The green LED light on to indicate that it is charging.

Testing and Indicator Represents:

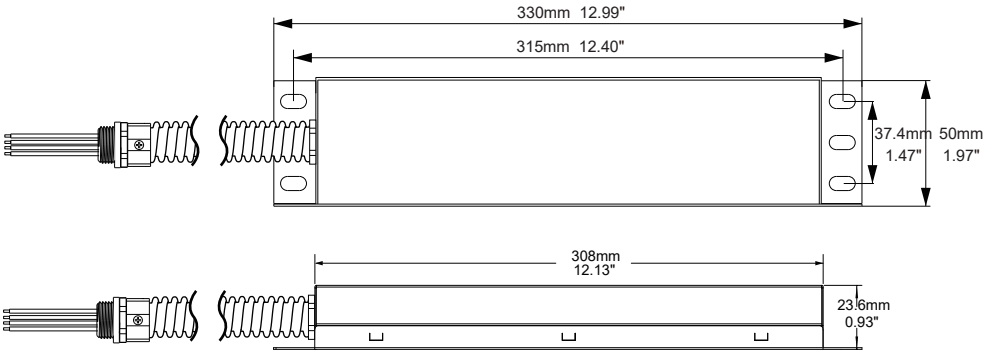
Green flashing indicator represents that the emergency driver is charging;
Green stable indicator represets that the emergency driver is fully charged;
Red stable indicator represents that the Emergency driver is in Emergency Mode(Discharging);
Red flashing indicator represents that the emergency driver is low battery;
Yellow indicator represents error operation.

Electric Characteristic

Model NO	Input Voltage	Input Current	Input Power Rating	Time Recharge	Output Power	Discharge Time	Application
LS-EM20W	120-347V AC	100mA max	12W max	24H	20W	1.5H	≤150W(0-10V Dimmable Fixture) ≤20W LED Lamps without dimming function

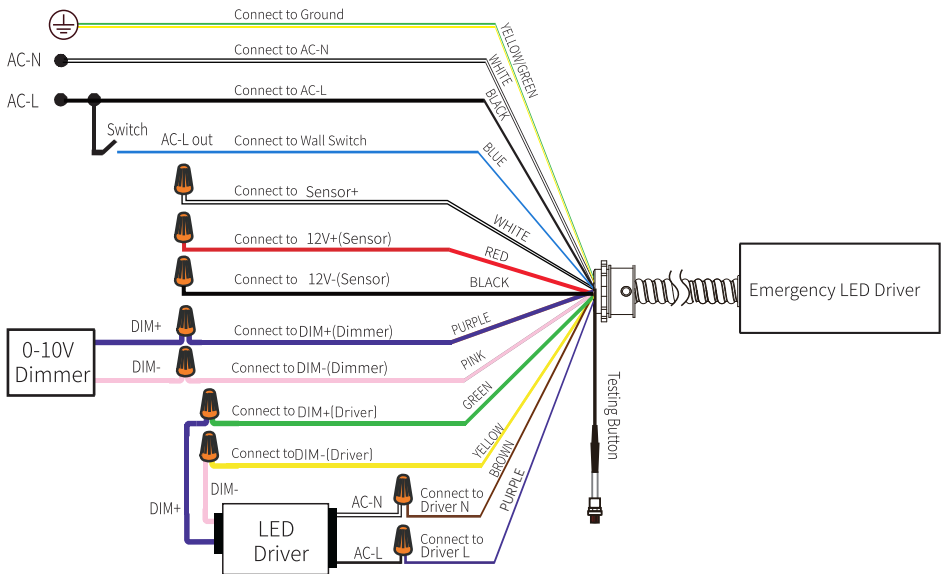
DIMENSION

DRIVER SIZE:L*W*H=12.99"(330mm)*1.97"(50mm)*0.93"(23.6mm)

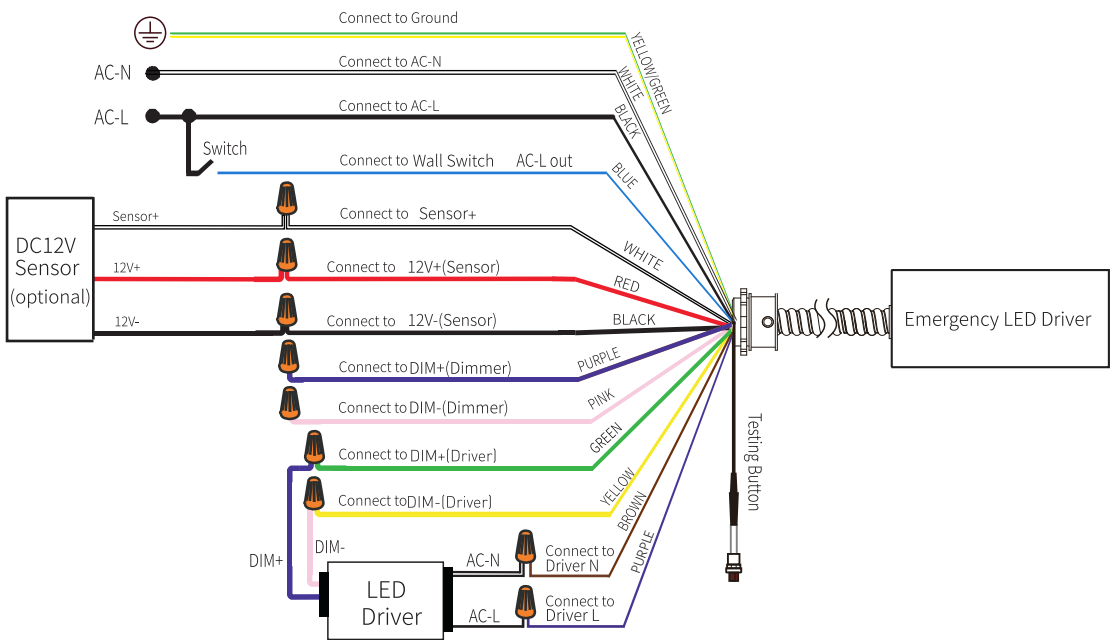


Wiring Diagram:

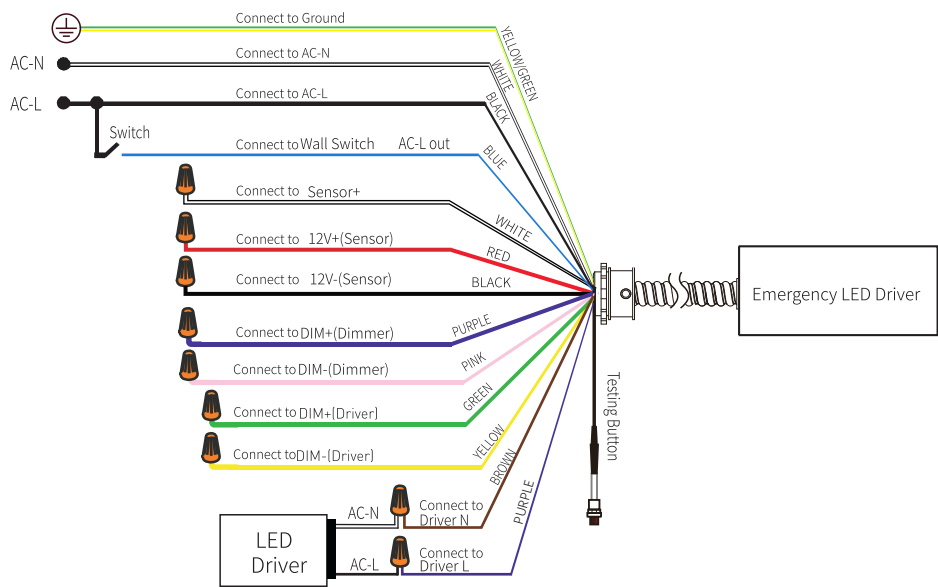
1.For luminaire with 0-10V LED driver and using 0-10V dimmer
(* LED DRIVER INPUT POWER NOT GREATER THAN150W)Emergency Inverter
Dim+(Green) , Driver Dim-(Yellow) has to connect with LED driver DIM+ and DIM-



2.For luminaire with 0-10V LED driver, without using 0-10V dimmer
(* LED DRIVER INPUT POWER NOT GREATER THAN 150W)Emergency Inverter
Dim+(Green) , Driver Dim-(Yellow) has to connect with LED driver DIM+ and DIM-
If use 12Vdc sensor, the wires must connect to emergency led driver's 12V sensor wires.



3. For luminaire with non-dimming LED driver
(* LED DRIVER INPUT POWER NOT GREATER THAN 20W)



INSTALLATION MANUAL

!!! IMPORTANT SAFEGUARDS !!!	WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTION SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING
CAUTION: RISK OF SHOCK-disconnect emergency and normal input power sources before servicing any equipment connected to this unit. 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 battery pack. CAUTION: Suitable for use in 5°C -50°C ambient temperatures. Max. mounting height: 15.5 ft. IMPORTANT: An unswitchedAC power source is required (100-347VAC, 50/60 Hz). This device is designed for fixtures listed for dry and damp locations. IMPORTANT: Please charge the battery consistently for >24 hours for the first time usage so as to activate the whole battery cells of discharging/charging duration. IMPORTANT: Customers are advised to charge emergency LED drivers 24 hours every 6 months during storage,and which could be stocked for 1 year at most. If customers don't install and recharge for more than 1 year, the batteries may be damaged. This is not covered in the warranty, and we would charge for replacement. IMPORTANT: Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation. 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 is not recommended by the manufacturer may cause an unsafe condition. CAUTION: The emergency battery pack is not for in an air-handling fixture. CAUTION: Do not use this equipment for other than its intended use.	