SB-EML20W27-XX



# SB-EML8W-20W (Emergency LED Driver)



**CAUTION**: ① The Emergency LED driver must connect to 0/1-10V dimming wires(DIM+,DIM-) of the fixture if the LED luminaire power is exceed the emergency LED driver power.

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

SB-EML08W27-XX SB-EML15W27-XX

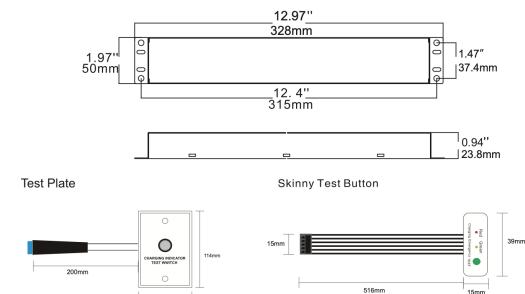
MODEL NO.
Input Voltage
Input Current
Input Power
Ouput Voltage
Output Power
Application
Ambient Temperature

100-347Vac,50/60Hz	100-347Vac,50/60Hz	100-347Vac,50/60Hz
0.1A max	0.1A max	0.1A max
12W max	12W max	12W max
170V DC	170V DC	170V DC
8W	15W	20W
≤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
5 C~50 C	5℃~50℃	5 ℃~50 ℃

## SIZE:

#### 8W/15W/20W/25W

Case:12.97"x1.97"x0.94"(mounting center 13.1")



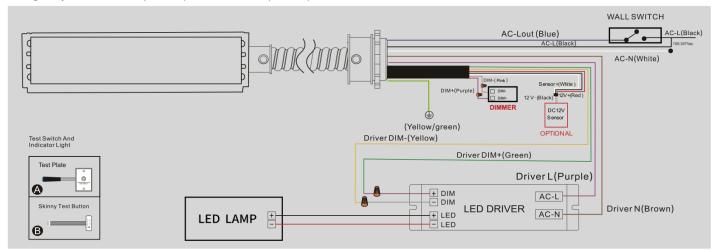


# **Wiring Diagram**

# Wiring 1 : For LED Driver With Input Power Higher Than Emergency Output Power

#### 0/1-10V Dimmable LED Driver + Dimmer Switch

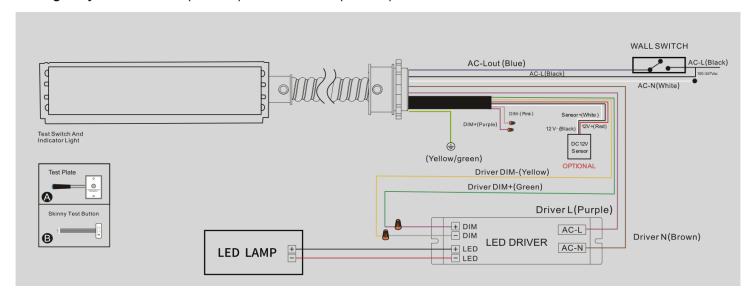
Emergency Driver Dim+(Green), Driver Dim-(Yellow) Have to connect with LED driver DIM+ and DIM-



## Wiring 2: For LED Driver With Input Power Higher Than Emergency Output Power

### 0/1-10V Dimmable LED Driver + Wall Switch

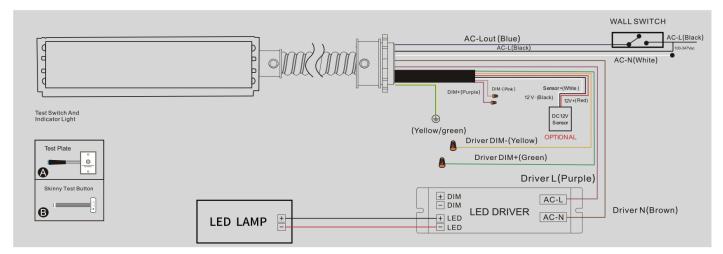
Emergency Driver Dim+(Green), Driver Dim-(Yellow) Have to connect with LED driver DIM+ and DIM-





# Wiring 3: For LED Driver With Input Power Less Than Emergency Output Power

#### **NON Dimmable LED Driver**





### **IMPORTANT SAFEGUARDS**

When using electrical equipment, basic safety precautions should always be followed including the following

### PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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.

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 condition The emergency battery pack is not for in an air-handling fixture.

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



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