

# WESTGATE CONTROLS

**100-347Vac**

15W/20W/25W

c **UL** us **BC**  
E497969

## EMERGENCY LED DRIVER ELB-20175-AC-FLEX

**HIGH VOLTAGE OUTPUT**  
175VDC

**CONSTANT POWER**  
EMERGENCY OUTPUT

**Self Test**



**CAUTION:** 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.

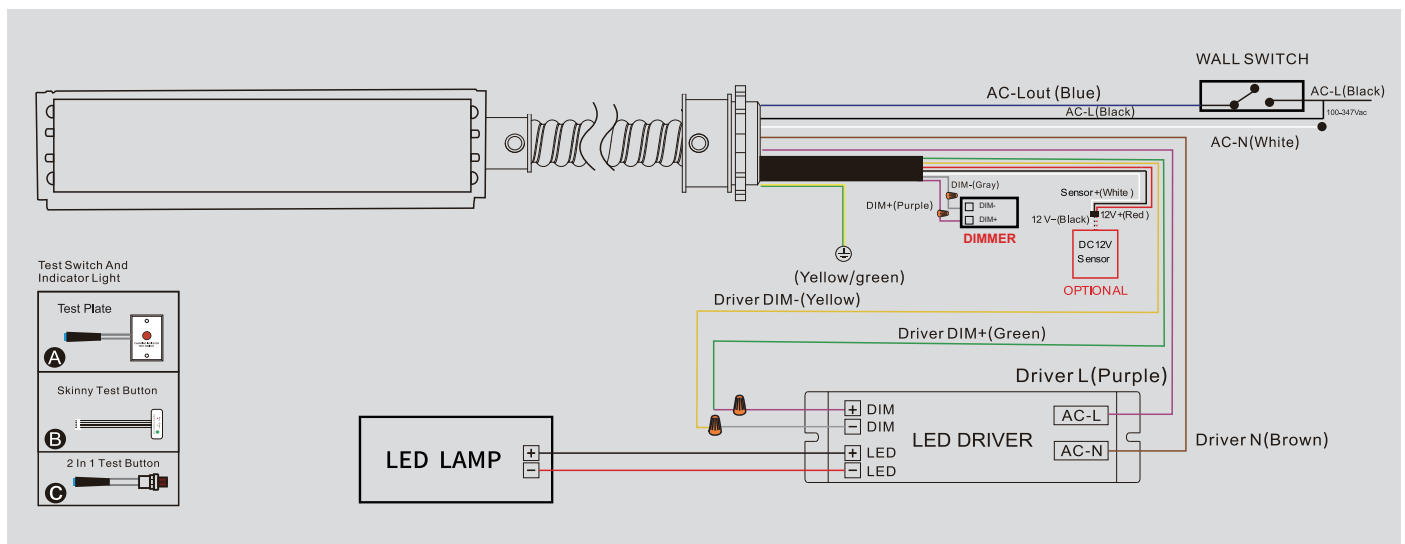
MODEL NO.	ELB-15175-AC-FLEX	ELB-20175-AC-FLEX	ELB-25175-AC-FLEX
Input Voltage	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz
Input Current	≤ 100mA	≤ 100mA	≤ 100mA
Input Power	8W max	8W max	8W max
Output Voltage	≤ 175V DC	≤ 175V DC	≤ 175V DC
Output Power	15W	20W	25W
Application	① ≤150W(0/1-10V Dimmable Fixture) ② ≤15W LED Lamps without dimming function	① ≤150W (0/1-10V Dimmable Fixture) ② ≤20W LED Lamps without dimming function	① ≤150W(0/1-10V Dimmable Fixture) ② ≤25W LED Lamps without dimming function
Ambient Temperature	0°C to+50°C(30°F to122°F)	0°C to+50°C(30°F to122°F)	0°C to+50°C(30°F to122°F)

## Wiring Diagram

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

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

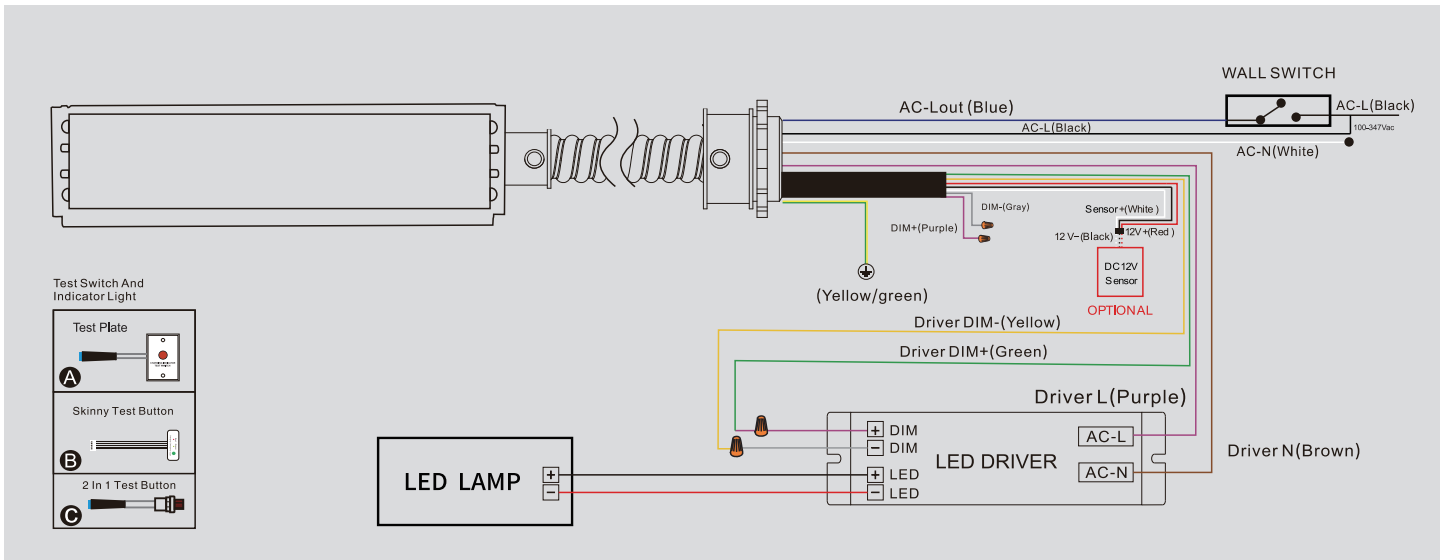
Emergency Driver Dim+(Green) , Driver Dim-(Yellow) Have to connect with LED driver DIM+ and DIM-



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

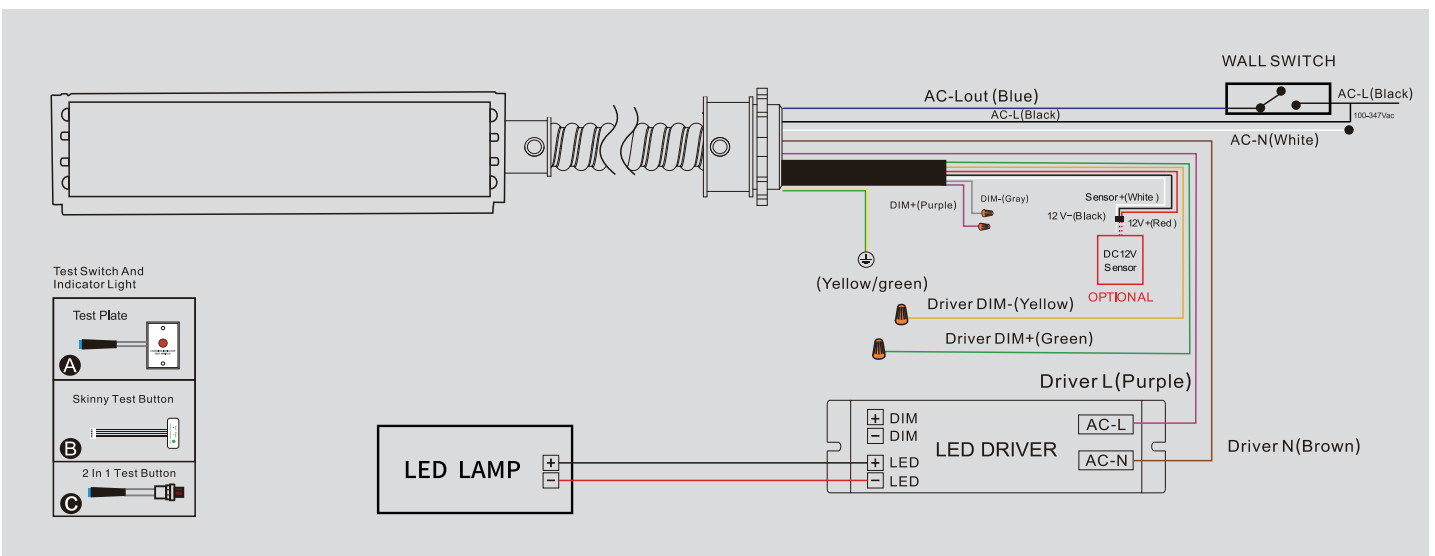
### 0/1-10V Dimmable LED Driver + Wall Switch

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.**

**IMPORTANT:** Before installing, make certain the AC Power to the fixture is off to avoid electric shock.

**IMPORTANT:** Do not connect battery connector until all wires are completely installed and before the AC power to the fixture is back on.

**IMPORTANT:** An un-switched AC power source of 100VAC to 347VAC is required. This device is designed for use in fixtures listed for dry and damp locations.

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

**IMPORTANT:** It is recommended to charge the battery within half a year to prevent over discharge

**CAUTION:** Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations.

**CAUTION:** Do not let power supply cords touch hot surfaces.

**CAUTION:** Do not mount near gas or electric heaters