

This guide contains important information regarding operation.

Please keep this guide for future reference.

CAUTION:

- ① The Emergency LED driver must connect to 0-10V dimming wires (DIM+, DIM-) of the luminaire if the LED luminaire power exceeds the LED emergency driver power.
- ② When dimming to minimum, the LED luminaire power must be less than emergency driver's power.
- ③ In emergency mode, double click test switch to turn off emergency state during storage and transportation.

Model: **BLD-YT08H-XXX**

Input Voltage: 100-347Vac, 50/60Hz

Input Current: ≤ 100mA

Input Power: 6W Max.

Output Voltage: 170Vdc

Output Power: 8W

Ambient Temperature: 5°C ~ 50°C (41°F ~ 122°F)

Application: (1) ≤ 60W (0-10V dimming luminaire)

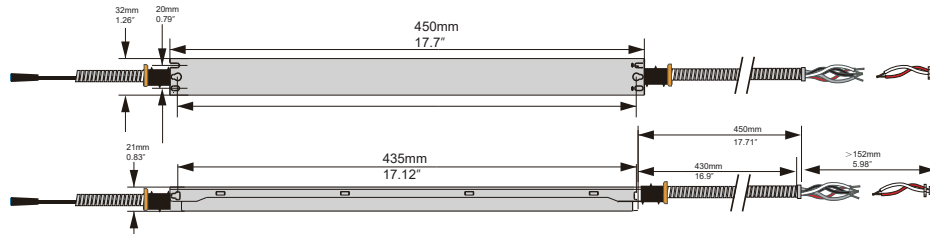
(2) ≤ 8W (non-dimming luminaire)

Product includes the following components:

| PARTS | QUANTITY |
|-----------------------------------|----------|
| LED Emergency Driver | 1 |
| Charging Indicator/Testing Button | 1 |
| Instruction Sheet | 1 |

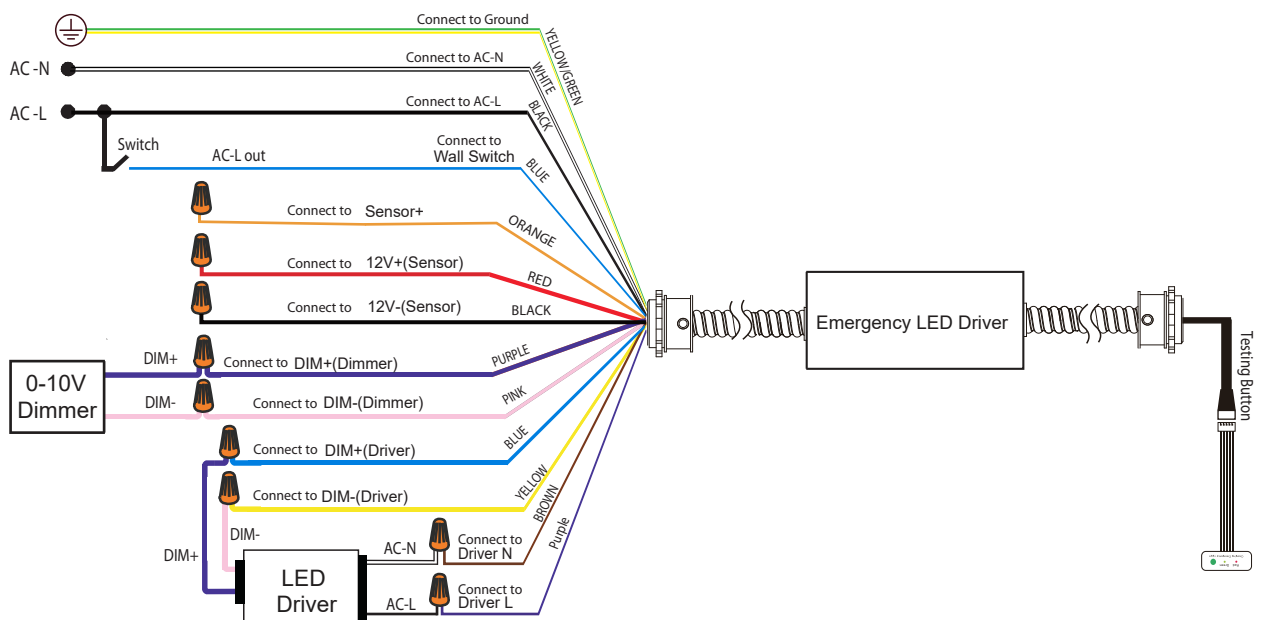
Dimension:

17.7" X 1.26" X 0.83" (450X32X21mm)

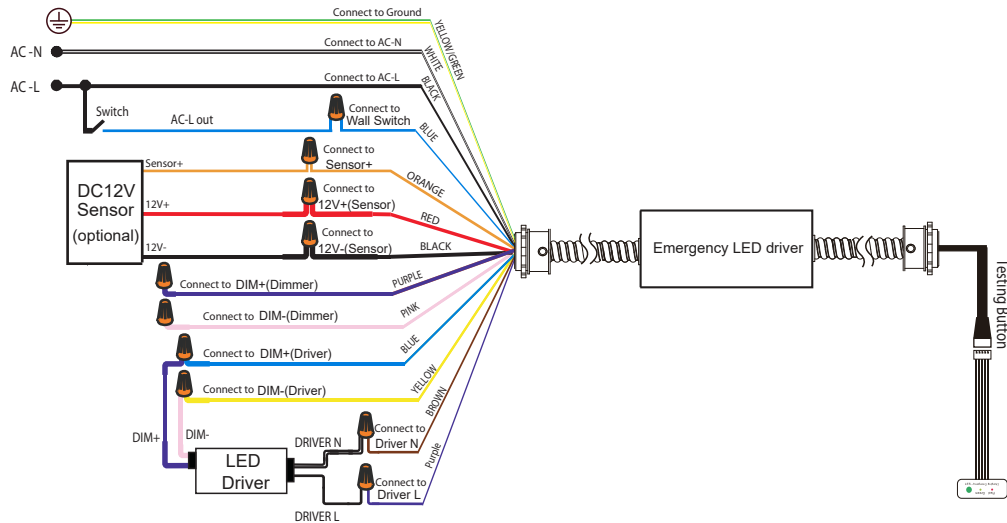


Wiring Diagram:

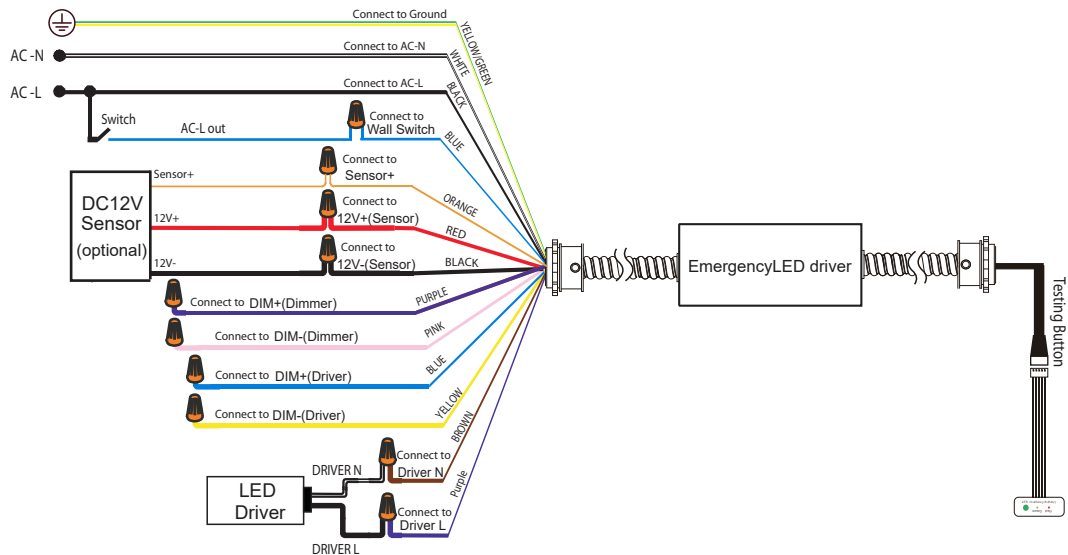
1. For luminaire with 0-10V LED driver and using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 60W)
Emergency Inverter Dim+ (Blue) , Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-



2. For luminaire with 0-10V LED driver, without using 0-10V dimmer (* LED DRIVER INPUT POWER NOT GREATER THAN 60W)
Emergency Inverter Dim+ (Blue) , Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-



3. For luminaire with non-dimming LED driver (* LED DRIVER INPUT POWER NOT GREATER THAN 8W)



IMPORTANT SAFEGUARDS

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

PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

SAVE THESE 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. Max. mounting height: 17.3 ft.
- 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: 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.
- 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 in an air-handling fixture.
- CAUTION: Do not use this equipment for other than its intended use.
- CAUTION: Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations.