# ZOLU LIGHTING

Industrial Line

LED Emergency Backup
Universal Voltage 0-10V Dim

30W/40W/60W, 100-347V AC
0-10V Dim, 1.5H backup

Product specs

5 YEAR WARRANTY



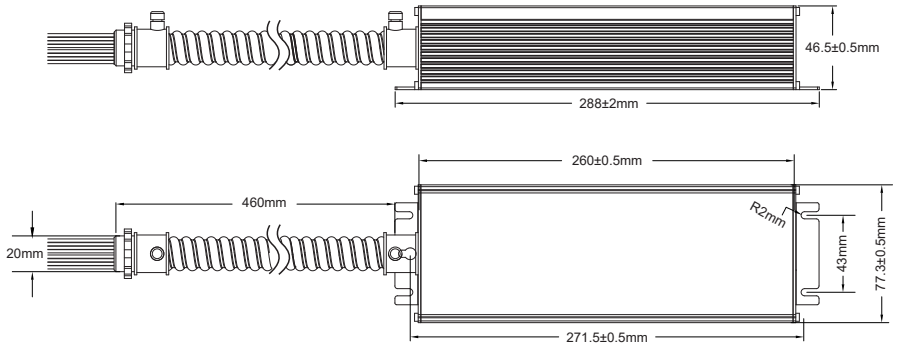

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Emergency backup drivers are designed to supply regulated power to LED luminaires during power outages. These drivers have a run time of at least 90 minutes to allow occupants to exit the building safely. Designed for versatile applications and for fixtures listed for dry and damp locations, these drivers are equipped with a illuminated test switch and a indicator light. All emergency LED drivers are UL-listed and meet all requirements to supply dependable illumination in unexpected situations.

# LED
# Emergency Backup
## Universal Voltage 0-10V Dim

### Features and benefits

- ZOLU Lighting quality and reliability
- Meet most of safety standards for lighting
- Designed for fixtures listed for dry and damp locations
- Self test and Battery protections: over charge protection over discharge protection, short circuit protection
- Constant power emergency output
- ≤100W (0-10V Dimmable fixture)
- ≤20W (Lamps without dimming function)




### Applications

- Offices, warehouses
- Storage and loading areas, etc

### Technical specifications

| Product code | Output power | Output voltage | Emergency time | Dimension LxWxH |
|---|---|---|---|---|
| ZLEB30W-170 | 30W | 170V DC | 1.5 Hours | 288 x 77.3 x 46.5 mm |
| ZLEB40W-170 | 40W | 170V DC | 1.5 Hours | 288 x 77.3 x 46.5 mm |
| ZLEB60W-170 | 60W | 170V DC | 1.5 Hours | 357 x 77.3 x 46.5 mm |

| Compatible LED fixtures | |
|---|---|
| LED Backlit Panel 1'x4' / 2'x2' / 2'x4' | ZLCWBP1D3CCT / ZLCWBP2D3CCT / ZLCWBP4D3CCT |
| LED Modular Spot 3CCT | ZL18WMSD3CCT-277 |
| LED Recessed Downlight | ZLCWR4D3CCT / ZLCWR6D3CCT / ZLCWHOR6D3CCT / ZLCWR8D3CCT |
| LED Canopy 3CCT | ZL60CWCPD3CCT |
| LED Flood Light Wattage & CCT Selectable | ZL63CWFLCCT |
| LED Wall Pack Light Wattage & CCT Selectable | ZL80CWWP18D3CCT |
| LED Mini Wall Pack 3CCT | ZL30CWMWP20CCTF |
| LED Adjustable Angle Wall Pack 3CCT | ZL40CWAWPDCCT |

| | |
|---|---|
| **Main voltage** | AC100-347V AC 50/60Hz |
| **Input current** | 200mA max. |
| **Input power** | 15W max. |
| **Output current** | ≤460mA |
| **Test switch** | Illuminated test switch, indicator light |
| **Dimmable** | 0-10V |
| **Battery charging current** | ≤500mA |
| **Recharge time** | 24 Hours |
| **Temperature rating** | 5°C to 50°C (41°F to 122°F) |
| **Certificates** | UL / BC |
| **Warranty** | 5 Year |

- 30W model, supports up to 150W fixtures or less.
- 40W model, supports up to 240W fixtures or less.
- 60W model, supports up to 320W fixtures or less.

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- **CAUTION:** The emergency LED Driver must connect to 0-10V dimming wires (DIM+ / DIM-) of the fixture if the luminaire power exceeds the emergency LED driver power.
- **CAUTION:** When dimming to minimum, the LED luminaire power must be less than emergency driver's power.
- **CAUTION:** Do not connect the battery cable during storage and transportation. Do not mate battery connector until installation is complete and AC power is supplied.

Warranty based on
12 hours dailly use



For installation and safety notes visit / contact:
info@zolulighting.com

# LED Emergency Backup Universal Voltage 0-10V Dim

## WARNING

Turn Off Power Supply

- RISK OF SHOCK-disconnect emergency and normal input power sources before servicing any equipment connected to this unit.
- Risk of fire or electric shock-This emergency battery pack installation requires knowledge of luminaire and electrical systems.
- Servicing of this equipment should be performed by qualified personnel only.
- Before installation, make certain the AC power to fixture is off.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- Suitable for use in 5°C -50°C ambient temperatures. Max. mounting height: 42.02 ft.
- Do not use outdoors. Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- The emergency battery pack is not forn an air-handling fixture.
- Do not use this equipment for other than its intended use.

## CAUTION

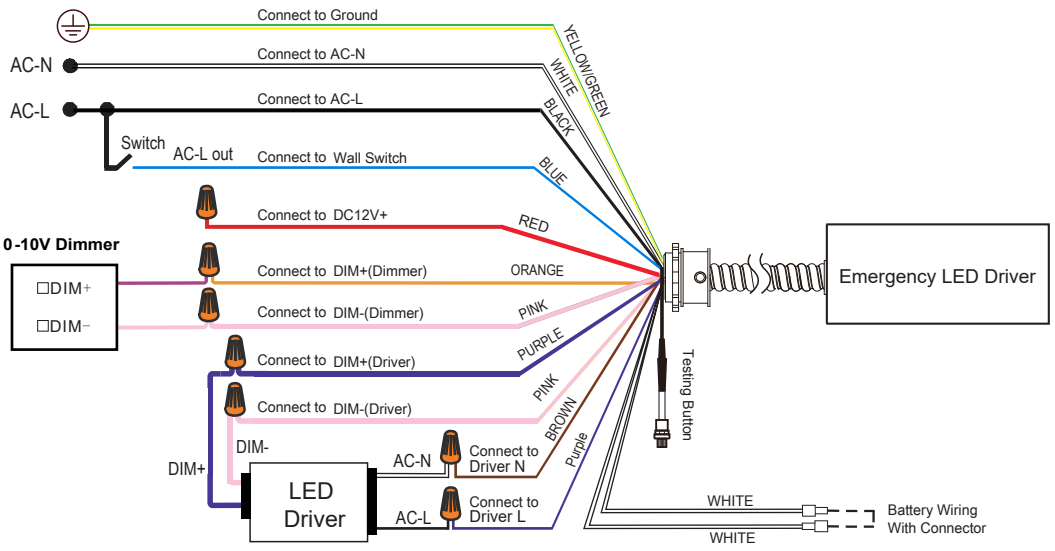
Turn OFF power supply before starting any installation. Read instructions and check you have all the tools and accessories to complete the installation correctly.

- 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.
- Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.
- Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation.

## Wiring Diagram: for LED driver with input power higher than emergency output power

**0-10V Dimmable LED Driver + Dimmer Switch**

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

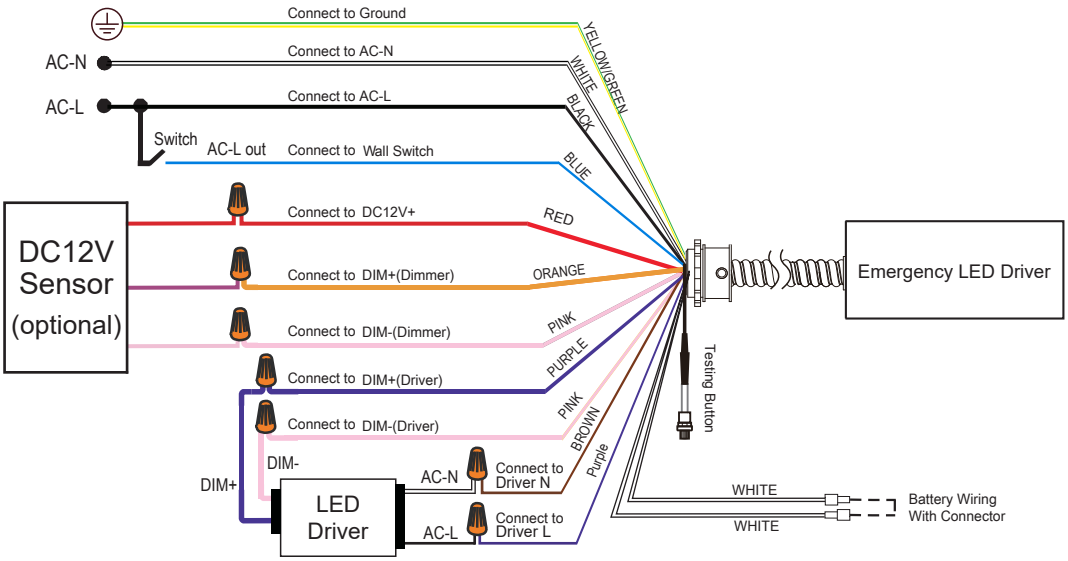


# LED Emergency Backup Universal Voltage 0-10V Dim

## Wiring Diagram: for LED driver with input power higher than emergency output power

**0-10V Dimmable LED Driver + Wall Switch**

If the 0-10V sensor is used, the 12V wirings of sensor must be connected to the 12V wirings of emergency driver. If not, please cap off.




## Wiring Diagram: for LED driver with input power less than emergency output power

**Non Dimmable LED Driver**

If the 0-10V sensor is used, the 12V wirings of sensor must be connected to the 12V wirings of emergency driver. If not, please cap off.

