



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
- 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

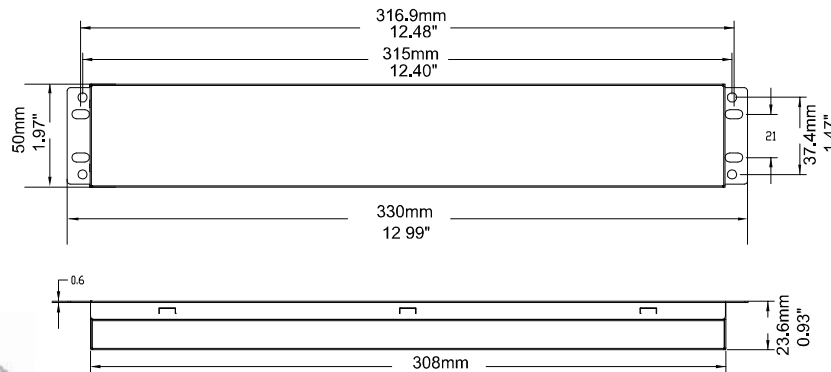
- Offices, warehouses
- Storage and loading areas, etc



Technical specifications

Product code	Output power	Output voltage	Charging time	Emergency time
ZLEB20W-170	20W	170V DC	>24 Hours	1.5 Hours

Compatible LED fixtures	
LED Backlit Panel 1'x4' / 2'x2' /	ZLCWBP1D3CCT / ZLCWBP2D3CCT / ZLCWBP4D3CCT
LED Modular Spot 3CCT	ZL18WMSD3CCT-277
LED Recessed Downlight	ZLCWR4D3CCT / ZLCWR6D3CCT / ZLCWHOR6D3CCT /
LED Canopy 3CCT	ZL60CWCPD3CCT
LED Flood Light Wattage & CCT Selectable	ZL63CWFLCCT
LED Wall Pack Light Wattage & CCT Selectable	ZL80CWWP18D3CCT
LED Mini Wall Pack 3CCT	ZL30CWMP20CCTF
LED Adjustable Angle Wall Pack 3CCT	ZL40CWAWPDCCT



Main voltage	AC100-347V AC 50/60Hz
Input current	0.1 A
Input power	12W max.
Output current & voltage	≤0.5A
Test switch	Illuminated test switch, indicator light
Dimmable	0-10V
Charging time	24 Hours
Temperature rating	5°C to 50°C (41°F to 122°F)
Certificates	UL / BC
Warranty	5 Year

- 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.
- When dimming to minimum, the LED luminaire power must be less than emergency driver's power.
- In emergency mode, double-click this test switch to turn off the current emergency stage.

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WARNING

- **IMPORTANT:** Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.
- **IMPORTANT:** Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED emergency backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED emergency backup installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347Vac. installer must confirm that there is 100-347Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- Do not use outdoors. Suitable for use in 5°C to 50°C ambient temperatures. Max. mounting height is 27.2 ft.
- This LED emergency backup unit requires an un-switched AC power source of 100-347Vac, 50/60Hz.
- The AC driver must be on the same branch circuit as the LED emergency backup unit.
- Do not let power supply cords touch hot surfaces. Do not mount near gas or electric heaters.
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- The emergency LED driver is for use with grounded, UL listed LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery.
- The battery pack is fixed by the screw and the indicator lamp is attached to the shell of the luminaire by 3M tape.
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- The emergency battery pack is not for in an air-handling fixture.

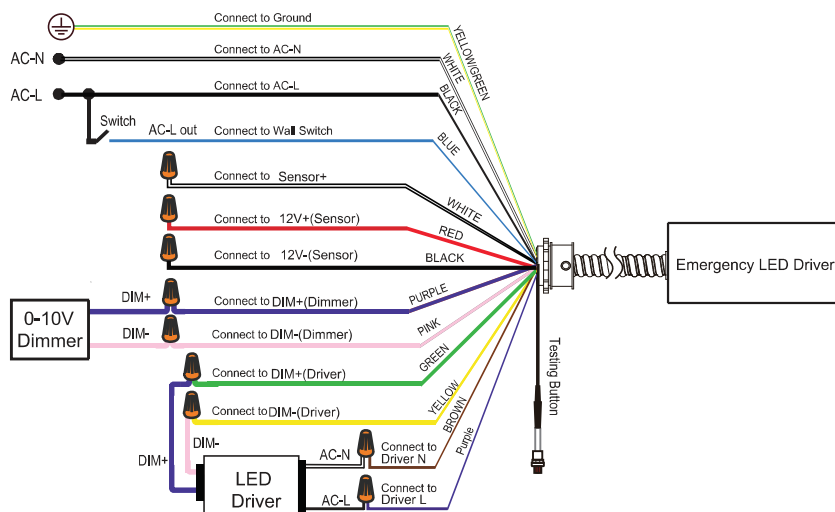


Turn OFF power supply before starting any installation. Read instructions and check you have all the tools and accessories to complete the installation correctly.

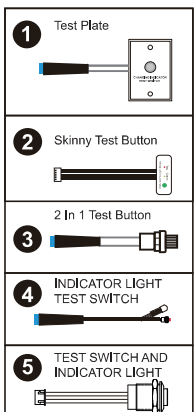
Wiring Diagram: for LED driver with input power higher than emergency output power

0-10V Dimmable LED Driver + Dimmer Switch

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



TEST SWITCH AND INDICATOR LIGHT

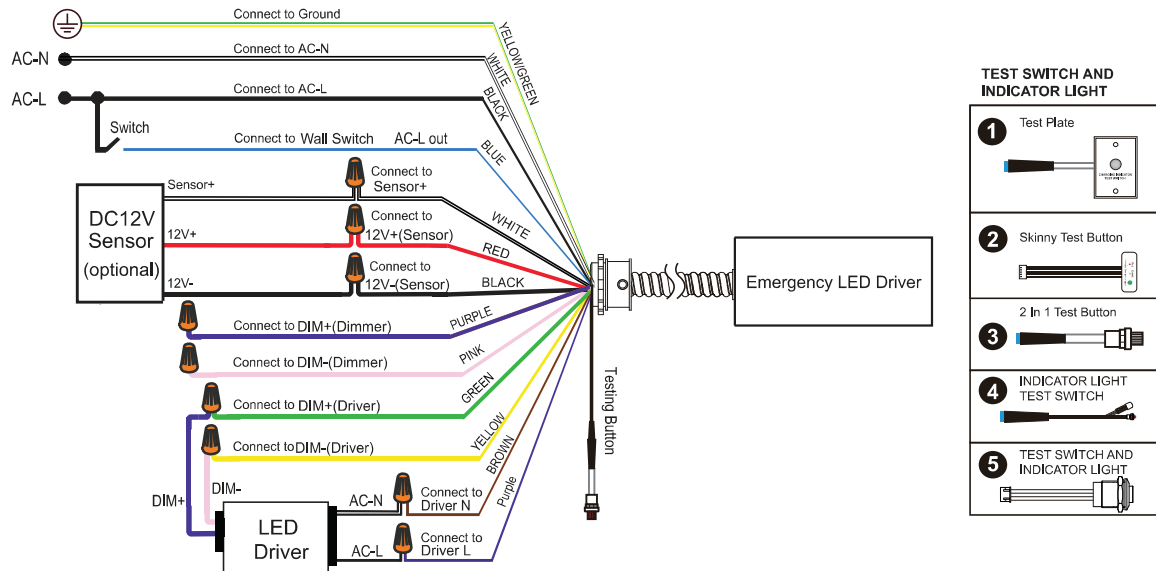


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Wiring Diagram: for LED driver with input power higher than emergency output power

0-10V Dimmable LED Driver + Wall Switch

Emergency Driver Dim+(Green) Driver Dim-(Yellow) Have to connect to LED driver DIM+ and DIM-,
If using 12Vdc sensor, the wires must connect to emergency LED driver's 12V sensor wires.



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

NON Dimmable LED Driver

If using 12Vdc sensor, the wires must connect to emergency LED driver's 12V sensor wires.

