



DESCRIPTION

The EBUFO series LED Emergency Driver is UL listed for Field and factory installation that allows the same led fixture to be used for both normal and emergency operation. In the event of a power failure the emergency driver switches to emergency mode and operates the existing fixture to 90 minutes.

The unit contains a battery charge, and converter for individual fixture requirements. This module will operate an LED array load at 25w, 40w with constant power at a rated output voltage of 170VDC. The patented constant power design of the module maintains the output wattage to LED array even as the system voltage diminishes resulting in a constant illumination level for entire emergency runtime.

The integrated self-diagnostic circuitry will automatically conduct 3 monthly 30 minutes and annual 90-minute tests to verify proper emergency capability per Life Safety Code requirements.

SPECIFICATION

Input Voltage	(Universal) 120-277VAC, 50/60Hz
Input Power (120V/277V)10 Watts (max)
Output Current	0.1A (170VDC)
Power Voltage	175VDC
Output Power	25, 40 Watts
Power Factor	≥ 0.50
EMI (Radiated and Conducted)	FCC Class A (charge and EM modes)
Surge Protection	Meets ANSI/IEEE C62.41.2-2002
Emergency Operation	90 minutes
Charge Time	24 Hours Recharge
Battery	Lithium battery 5° to 50° C
Weight	1.21 kg
Approval	cUL Listed for factory and field installation

MODELS NO.

170VDC

MODEL NO.	EMERGENCY POWER
ZLEBUFO-25170	25 Watts
ZLEBUFO-40170	40 Watts

SELF-DIAGNOSTIC

The unit contains a control/monitor circuit which will perform a 30-second discharge test once a month and a full 90-minute discharge test once a year. At this time, the unit simulates an AC power failure and automatically switches to emergency mode. During routine testing, the unit will monitor the operation of the LED load, battery voltage, and emergency duration, if the unit detects any problems, the indicator will flash quickly.



FEATURES

- Constant power output on emergency mode.
- Optimized for internal UFO fixture
- One Piece Design with Metal Housing, IP65 degree
- UL 924 Damp Location Listed
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electrical Code)
- 2-in-1, waterproof LED test switch and indicator light included, 2.4G mode as option.
- Emergency output to LED driver AC input, simple wiring
- 5 - Year Warranty

DIMENSION



Size 11.18" x 4.17" inch (280x100mm)

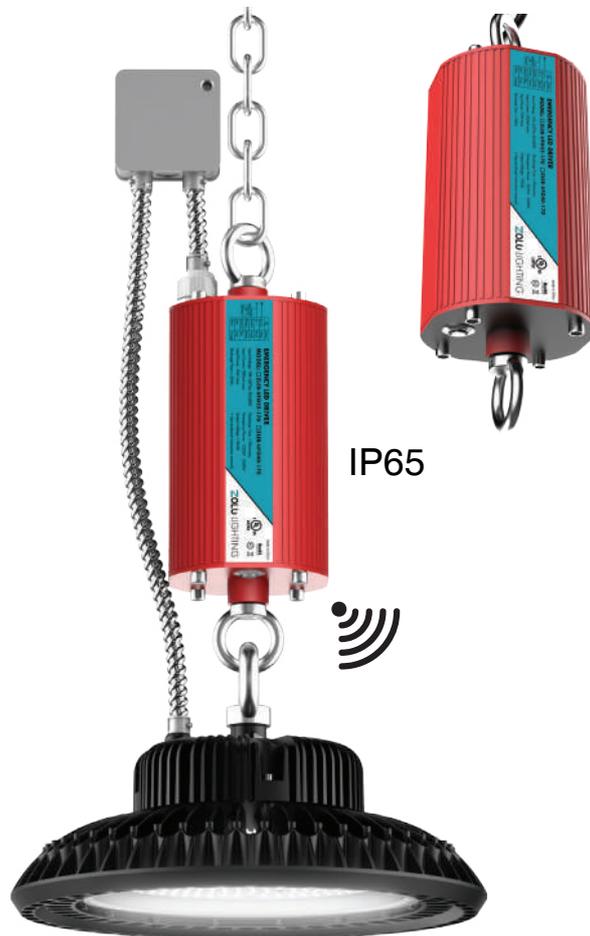
OPERATION

AC operation, when AC power supplies to the AC driver and , the AC driver will operate the LED load as designed. Then the will be kept as charging status and the indicator light will keep lighting. When press the test button, it will change into emergency status at a reduced lumen output for 30 seconds, during this time, the indicator will flash slowly then 30 seconds later, it will recover into AC operation.

Emergency operation, When AC power fails, automatically switches to emergency mode, keeping the LED load illuminated ata reduced lumen output for a minimum of 90minutes, during this time, the indicator will flash slowly (light on for 2 seconds, off for 2 seconds),when AC power is restored, it will return to charging mode, and the indicator light will keep lighting.

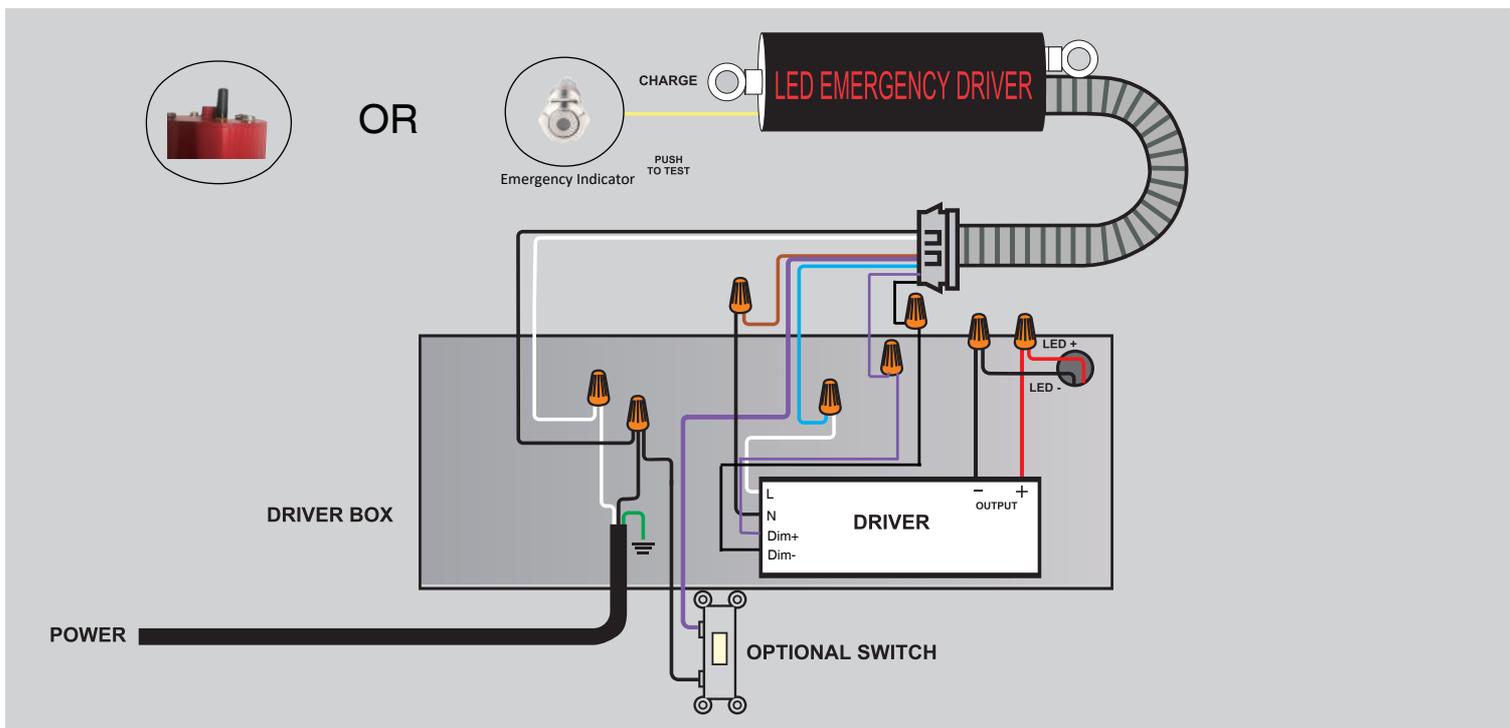
ACCESORIES

- Remote Test Switch/Charge Indicator Module (order separately)



WIRING DIAGRAM

Above 25W / 40W fixture wiring diagram



WIRING DIAGRAM - CAUTION

During AC operation, remember no touch or remove any wires in case of electric shock.

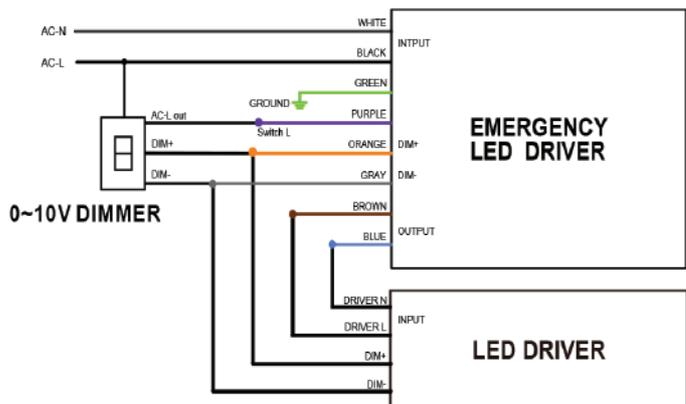
During emergency operation, before touching and disconnecting the wires, remember to press the test button again to make the led lamp and indicator light of to avoid electric shock.

The voltage input to the dimmable wires (DIM+, DIM-) of emergency LED driver must less than 20Vdc.

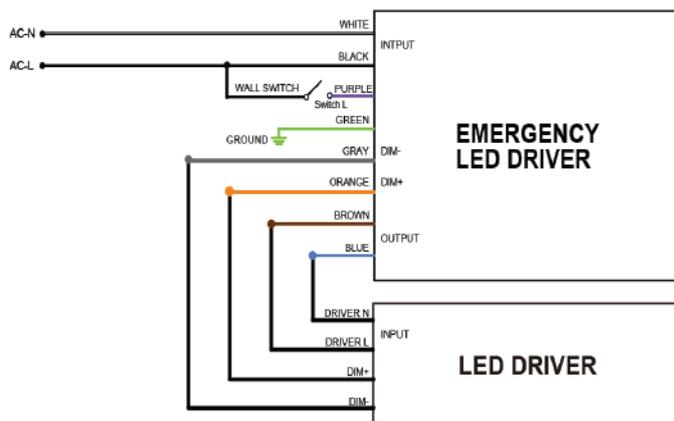
For the emergency LED driver of ZLEBUFO-25170 better work with LED lamp not more than 100W, for the ZLEBUFO-40170 must work with LED lamp not more than 200W.

This emergency LED driver only work with LED lamp with dimmable 0-10V function.

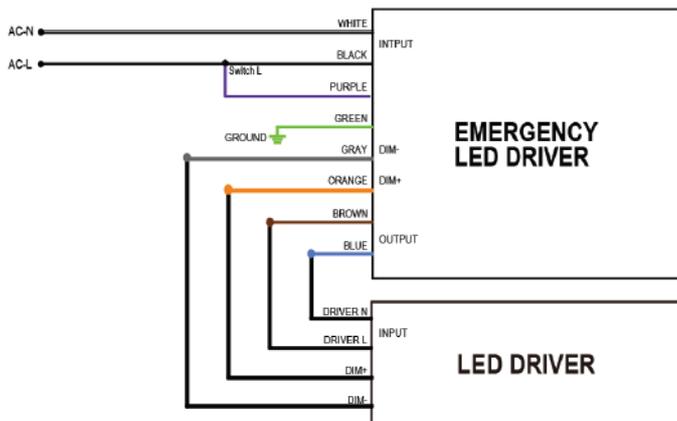
A) With Dimmer



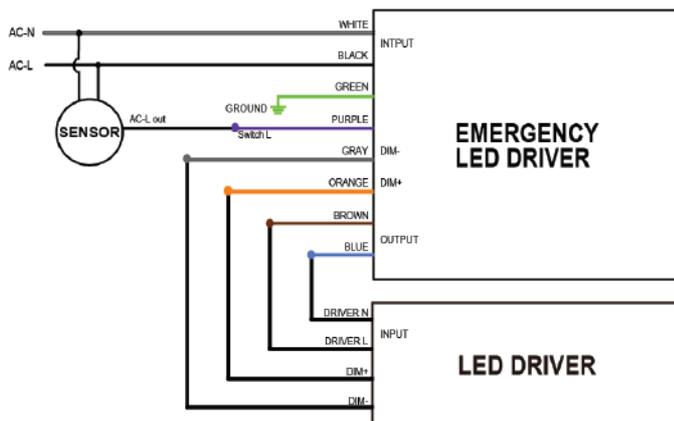
B) Without Dimmer



C) Without Switch and Without Dimmer



D) With Sensor



ACCESORIES



Remote-1pcs (optional)



hook--2pcs



Safe wire(steel)---1pcs



Wire Connector -10pcs



Chain Link Connector --1pcs