



T-1 LIGHTING

Project	Catalog #
Distributor	Type
Prepared by	Date

FLASH

RELIABLE EMERGENCY DRIVERS

T1-EM-U

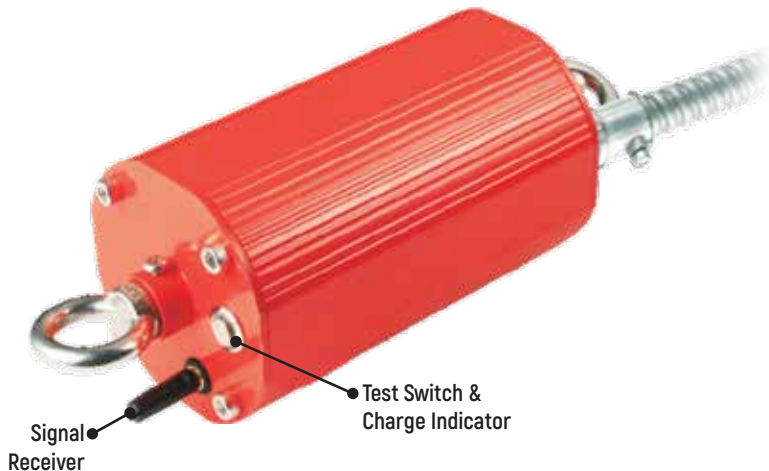


- UL listed
- Listed for YL924 and tested to CSA C22.2 No. 141 field or factory installation
- High output voltage
- Low energy consumption CEC Title 20 compliance
- Constant power output
- Self-testing
- Battery with over temperature protection
- Optional Remove Test Switch: Distance for 98ft.

SPECS

Input Voltage	100-347Vac, 50/60Hz	Emergency Power	15W/25W/40W
Input Current	200mA max.	Battery	Li-ion
Input Power Rating	12W max	Warranty	5 Years
Output Voltage	170Vdc	Ambient Temperature	Li-ion: 32°-122°F(0°-50°C)
Recharge Time	24Hrs.	Weight	4.14 lbs. (1.88kg.)
Discharge Time	1.5H		

FUNCTION



MODEL NO.	EMERGENCY POWER
T1-EM-U-15170	15W
T1-EM-U-25170	25W
T1-EM-U-40170	40W

MODEL LIST

A: For 30 seconds / OFF
 B: for 90 minutes





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ACCESSORIES



Wire Nuts (8)
Hooks (2)
Signal Receiver (1)



Flex Conduit 13" (1)



Safety Rope (1)
Chain Link
Connector (1)



Remote (1)



Emergency output wire to LED driver AC input



2-in-1 waterproof LED test switch and indicator light.



UL listed waterproof 13" Flexible Conduit

Self-Test

The emergency LED driver contains a control/monitor circuit which will perform a 30-second discharge test once a month and a full 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 operations of the LED load, battery voltage, and emergency duration, if the unit detects any problems, the indicator will flash quickly.



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Test Switch

In AC operation, pressing the test switch or the "A" button on the remote test will switch the fixture to emergency mode for 30 seconds.

In AC operation, pressing the "B" button on remote test switch will switch the fixture into emergency model for 90 minutes.

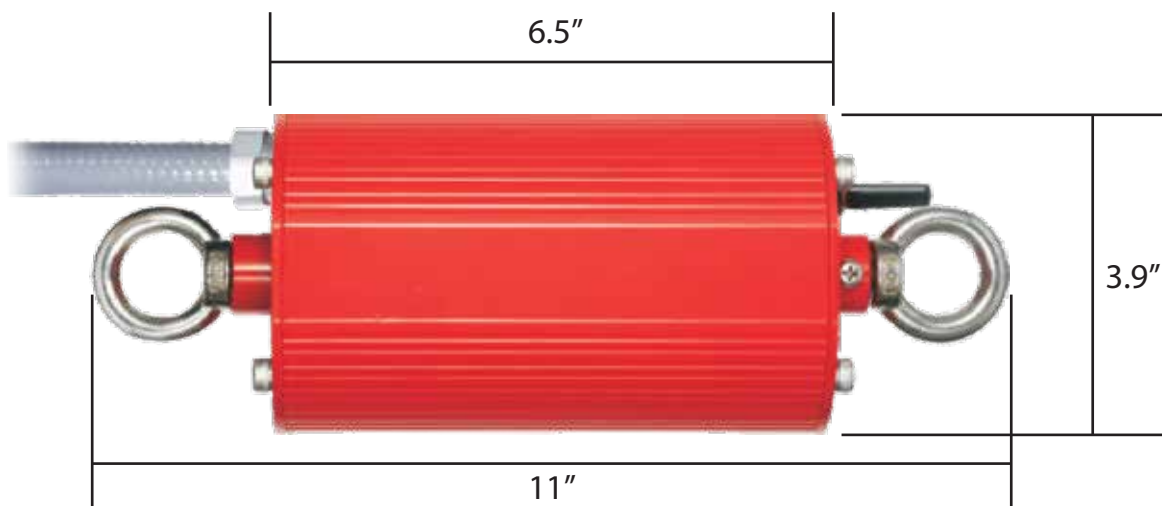
In emergency operation, pressing the "A" button on the remote test switch for 10 seconds will switch the fixture into AC mode.

Indicator Light

In AC Operation, the indicator light will stay ON.

In Emergency Operation, the indicator light will flash slowly (light ON for 2 seconds, and light OFF for 2 seconds).

In a failure status, the indicator light will flash quickly (light ON for 0.2 seconds, and light OFF for 0.2 seconds).



DIMENSIONS



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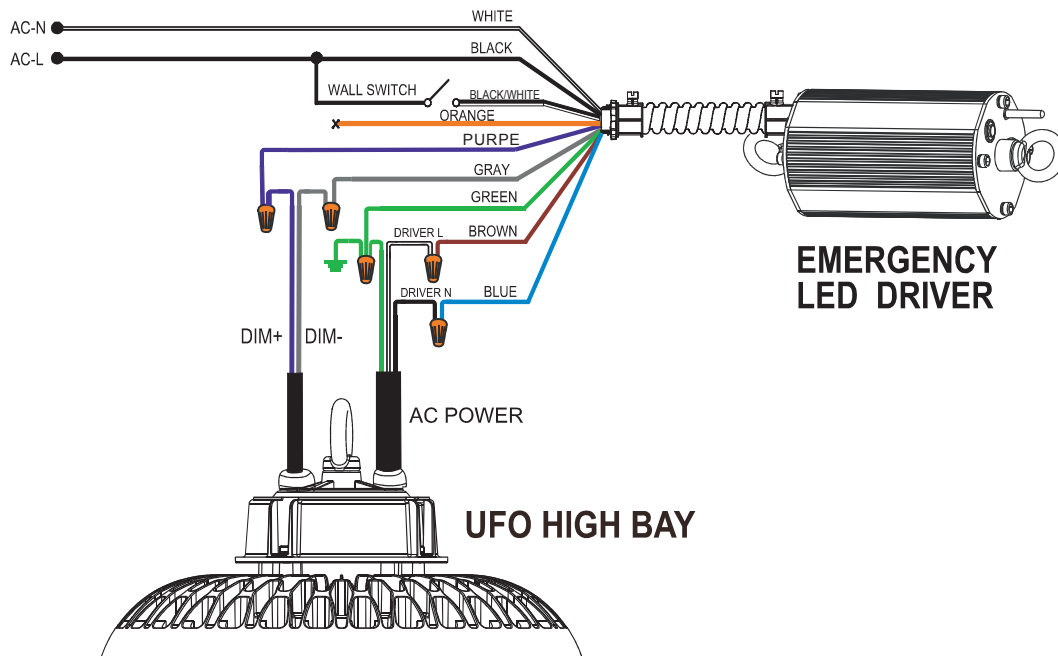
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Caution:

- During AC operation, remember to not touch or remove any wires to avoid electric shock.
- During emergency operation, before touching or disconnecting any of the wires, make sure to press the test switch or button "A" on the remote test switch to turn OFF the power.
- The voltage input to the dimmable wires (DIM+, DIM-) of emergency LED driver must be less than 20Vdc.
- For emergency LED driver of T1-EM-U-15170/T1-EM-U-25170, LED lamps not more than 150W are recommended. For T1-EM-40170, LED lamps not more than 300W are recommended.
- The emergency LED driver only works with LED lamps with dimmable function.

WIRING DIAGRAM

A) Without Dimmer and Sensor



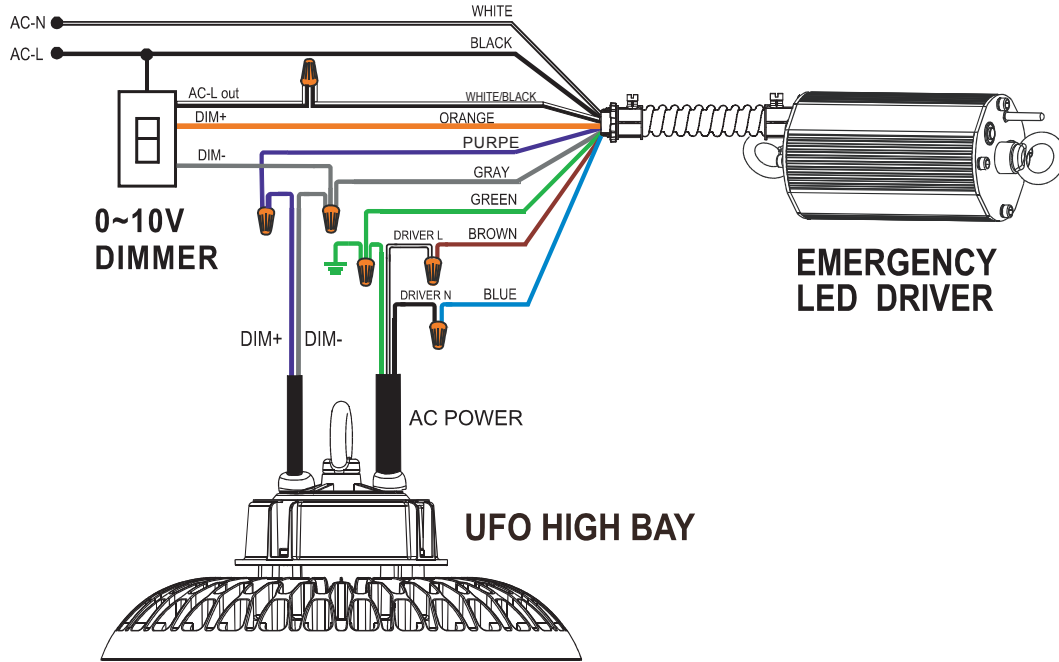


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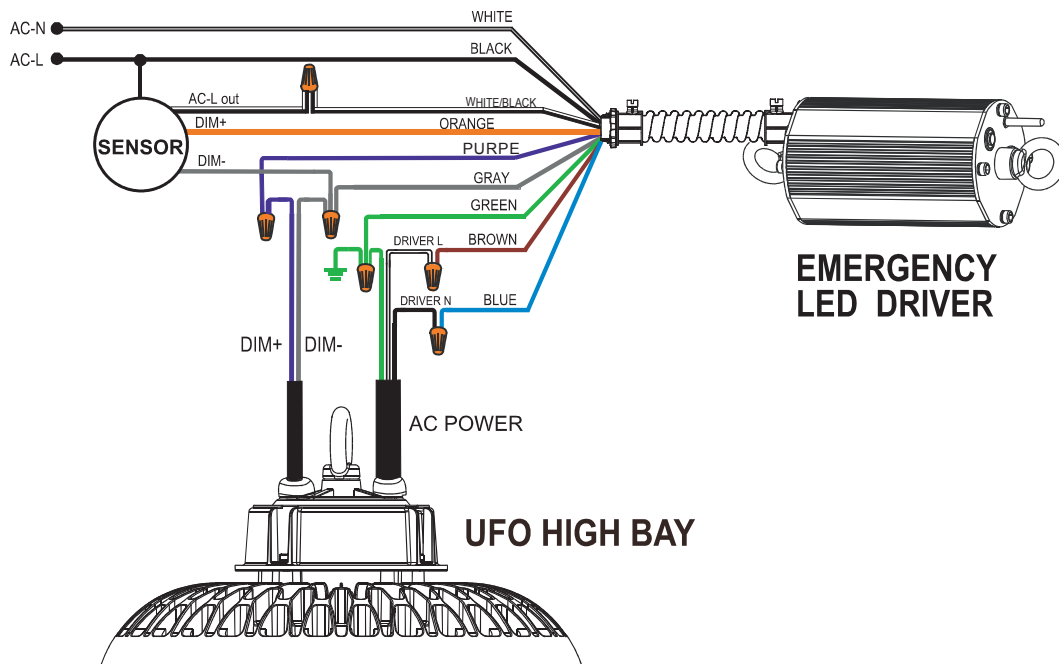
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B) With Dimmer



C) With Sensor



WIRING DIAGRAM