



# ELD7UNVCL

## 7.5 watt LED Emergency Driver

- Universal (120-277V) Input Voltage
- UL Listed (Field Installation)
- Class 2



Performance	
Input Voltage	120 ~ 277 Vac ± 10%
Input Frequency	50/60 (Hz)
Output Voltage	15 - 50VDC
Output Power	7.5W max
Illumination Time	90 minutes
Recharge Time	24 hours
Temp. Rating (Ambient)	0°C to 50°C (32°F to 122°F)
Battery	High Temperature, Maintenance-Free Nickel-Cadmium Battery

Physical	
Length	12 in (304 mm)
Width	2.4 in (60 mm)
Height	1.5 in (38 mm)
Mounting   Center	11.5 in (292 mm)
Weight (lbs)	4.3

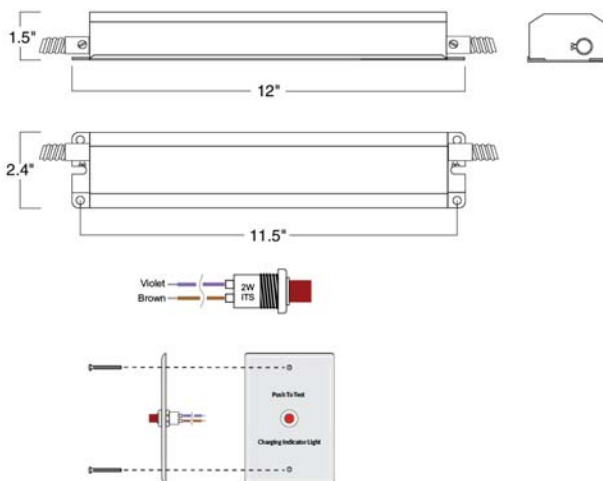
### Safety:

UL Listed to UL924 and tested to CSA 22.2, No. 141  
 Factory or field installation (Indoor and Damp)  
 Output Class 2 Compliant  
 Meets CEC Title 20 efficiency standards

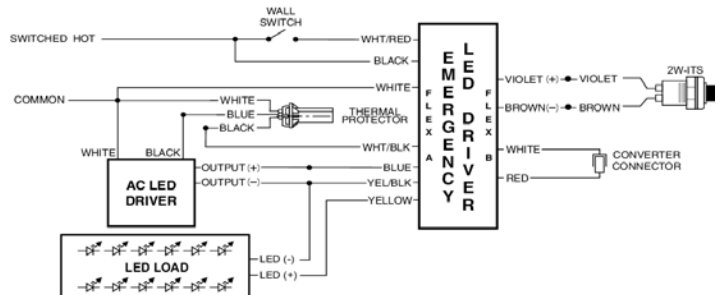
### Ordering Information

Order Number	Description	Qty/Carton
ELD7UNVCL0001	LED Emergency Driver	6

### Dimensions



### Wiring Diagram:



Application and operation performance specification information subject to change without notification.



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FCC Statement: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Application

The ELD7UNVCL is UL Listed for factory or field installation and allows the same LED luminaire to be used for normal and emergency operation. The ELD7UNVCL emergency LED driver works in conjunction with an AC LED driver that has an output current not to exceed 3.0 A, to convert new or existing LED fixtures into emergency lighting. The emergency driver consists of a high-temperature nickel-cadmium battery, charger and electronic circuitry in one compact case. The ELD7UNVCL can be used with an LED lighting load of up to 7.5 Watts. If used in an emergency-only fixture, no AC driver is necessary. The ELD7UNVCL is suitable for indoor and damp locations and for sealed & gasketed fixtures, including fixtures rated for wet locations. The ELD7UNVCL is not suitable for air handling heated air outlets and wet or hazardous locations. For more information about specific LED and AC driver compatibility, please call the factory.

## Operation

When AC power fails, the ELD7UNVCL immediately switches to the emergency mode, operating the LEDs at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to the charging mode.

## Installation

The ELD7UNVCL does not affect normal fixture operation and may be used with either a switched or unswitched fixture. If a switched fixture is used, an unswitched hot lead must be connected to the emergency driver. The emergency driver must be fed from the same branch circuit as the AC driver. The ELD7UNVCL may be installed on top of the fixture. Installation is not recommended with fixtures where the ambient temperature may fall below 0° C.

## Emergency Illumination

The ELD7UNVCL operates an LED load of up to 7.5 Watts.

## Specification

Emergency lighting shall be provided by using an LED fixture equipped with a Universal Lighting ELD7UNVCL emergency driver. This emergency driver shall consist of a high-temperature, maintenance-free nickel-cadmium battery, charger and electronic circuitry contained in one metal case. The ELD7UNVCL comes with an illuminated test switch (ITS) to monitor charger and battery and installation hardware shall be provided. The emergency driver shall be capable of delivering up to 7.5 Watts to an LED load (15-50VDC) for a minimum of 90 minutes. The ELD7UNVCL shall have a 15.0 Watt-hour battery capacity and shall comply with emergency standards set forth by the current NEC. This device complies with Part 15 of the FCC Rules and meets CEC Title 20 (California Energy Commission) efficiency standards. The emergency driver shall be UL Listed for field or factory installation.

## Warranty

Universal Lighting Technologies warrants to the purchaser that each power supply will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed per instructions and under normal operating conditions of use. Call 1-800-225-5278 for technical assistance.



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