



ELD10UNVLPL

10 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 - 52VDC
Output Power	10W
Illumination Time	90 minutes
Recharge Time	24 hours
Temp. Rating (Ambient)	0°C to 55°C (32°F to 131°F)
Battery	High Temperature, Maintenance-Free Nickel-Cadmium Battery

Physical	
Length	22.5 in (572 mm)
Width	1.18 in (30 mm)
Height	1.18 in (30 mm)
Mounting Center	22.1 in (561 mm)
Weight (lbs)	2.3

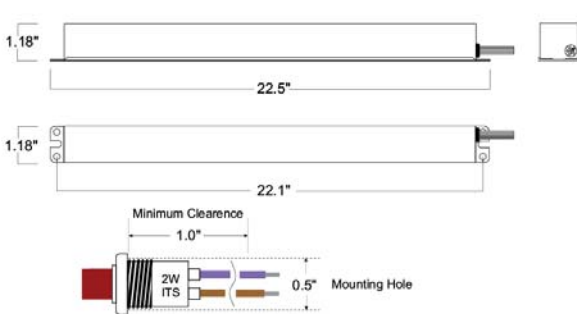
Safety:

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

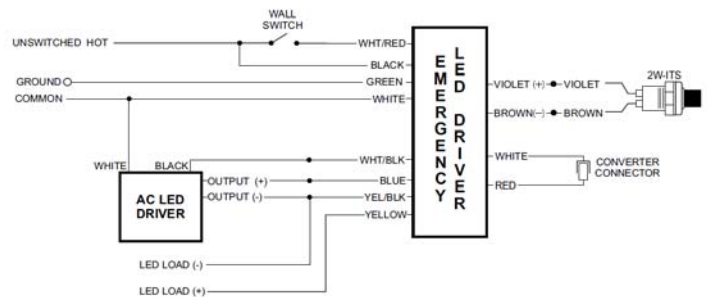
Ordering Information

Order Number	Description	Qty/Carton
ELD10UNVL000I	LED Emergency Driver	10

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 ELD10UNVLPL emergency LED driver works in conjunction with an AC LED driver that has an output current not to exceed 2.5 A. The emergency driver consists of a high-temperature nickel-cadmium battery, charger, and electronic circuitry contained in one metal enclosure. The ELD10UNVLPL can be used with an LED lighting load configuration resulting in an output voltage in the 15-52V range, delivering an initial minimum power of 10.0 Watts for 90 minutes. If used in an emergency-only fixture, no AC driver is necessary. The ELD10UNVLPL is suitable for indoor and damp locations, and for installation in sealed and gasketed fixtures, including fixtures rated for wet locations. For more information about specific LED and AC driver compatibility, please contact Technical Support.

Operation

When AC power fails, the ELD10UNVLPL 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 ELD10UNVLPL 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. Installation is not recommended with fixtures where the ambient temperature may fall below 0°C. The 2W-ITS is a class 2 device. It may be remotely mounted up to 100 ft. from the ELD10UNVLPL Emergency Driver.

Emergency Installation

The ELD10UNVLPL operates an LED load, delivering an initial minimum 10.0 W of power for a minimum of 90 minutes.

Specification

Emergency lighting shall be provided by using an LED fixture equipped with a Universal Lighting ELD10UNVLPL universal input (120-277VAC) emergency driver. This emergency driver shall consist of a high-temperature maintenance-free nickel-cadmium battery, charger, and other electronic circuitry contained in one metal enclosure. A 2-wire illuminated test switch (2W-ITS) shall be supplied with the installation hardware. The 2W-ITS combines a single pole test switch that provides a test function with a solid-state charging indicator light that monitors the battery and its charger. The emergency driver shall be capable of operating an LED load for a minimum of 90 minutes and of delivering an initial minimum output power of 10.0W, following a battery charging period of at least 24hours. The ELD10UNVLPL is suitable for indoor and damp locations, and for installation in sealed and gasketed fixtures, including fixtures rated for wet locations. The ELD10UNVLPL shall have a 21.6 Watt-hour battery capacity, a maximum of 4.0 Watts of input power, 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 factory or field 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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