

# HATCH™ LED DRIVERS



20W CONSTANT POWER  
ELP20-2060-UNV-SD

Certified in  
**TITLE 20**  
Appliance Efficiency Database



UL US LISTED



## CEC COMPLIANT SELF-DIAGNOSING LED EMERGENCY DRIVER



### ADVANTAGES

- Certified in CA TITLE 20 Appliance Efficiency Database
- Integrated, energy efficient LiFePO<sub>4</sub> Battery
- UL Listed for field and factory installation
- For use with emergency only fixtures as well as new and existing fixtures.
- Advanced Diagnostics

### CERTIFICATIONS

- CA T20 Appliance Efficiency Database
- ROHS
- UL Listed for field and factory installation
- FCC, 47CFR Part 15

### DESCRIPTION

The high-efficiency performance of the Hatch **ELP20-2060-UNV-SD** LED Emergency Driver meets California Energy Commission (CEC) Title 20 efficiency requirements and is certified in the CA Title 20 Appliance Efficiency Database.

Hatch **ELP20-2060-UNV-SD** allows an LED lighting fixture to be used for normal and emergency operation. In the event of a power failure, the **ELP20-2060-UNV-SD** switches to emergency mode and operates the existing fixture for a minimum of 90 minutes.

All of the LED Emergency Drivers in the Hatch line include a test switch with integrated charge indicator and are UL Listed for field or factory installation.

Product specifications are subject to change without notice.

### SPECIFICATIONS

Input Voltage	120-277VAC ± 10%
Frequency	50/60Hz
Output Voltage	20-60 VDC Class 2
Output Current	1000mA @ 20Vdc 333mA @ 60Vdc
Output Power	20W (constant)
Power Factor	>0.9
Emergency Operation	90 Minutes
Recharge Time:	24 hours
Operating Temperature	0 to 55°C
Max Amb. Temp	55°C
Case Material	Metal
Battery	LiFePO <sub>4</sub> 16Vdc
Charging Current	295mA
EMI	FCC, 47CFR Part 15
Protections	Over Voltage, Short Circuit, Over Current Over Charge and Discharge

### FEATURES

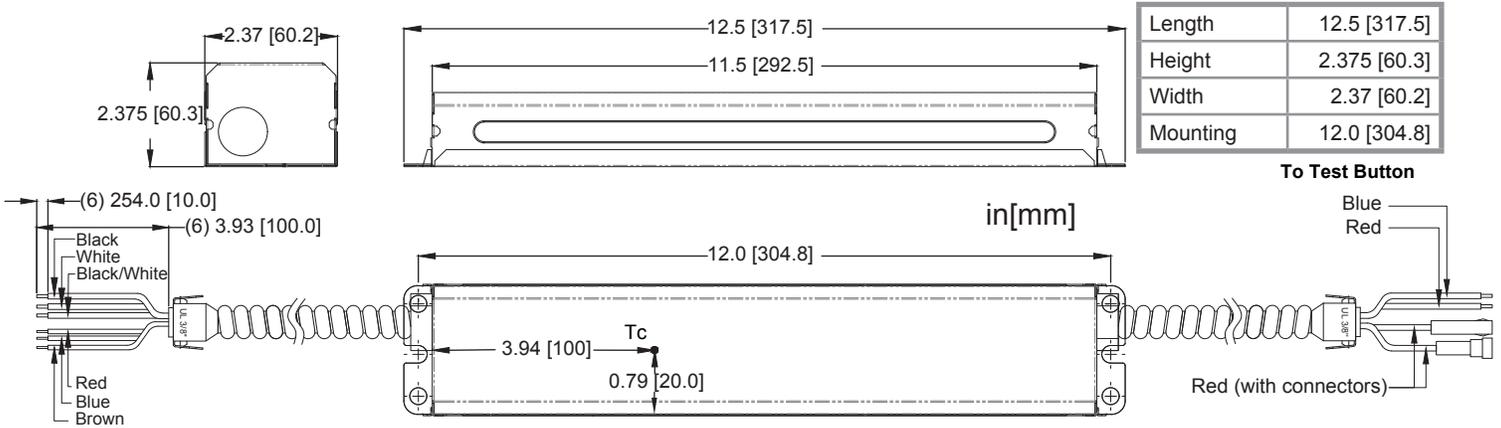
- UL 924 LISTED for US and Canada
- Class 2 Compliant
- UL Listed for field and factory installation
- Integral, energy efficient LiFePO<sub>4</sub> battery
- Includes test switch and integrated charge indicator
- For use with switched or unswitched fixtures
- 5-Year Warranty
- Meets requirements for CEC Compliance
- Suitable for damp locations
- Includes installation guide and luminaire modification label
- For use with surface mounts or recessed type IC or non-IC products listed to UL standards.

### ADVANCED DIAGNOSTICS

- The **ELP20-2060-UNV-SD** emergency driver features advanced diagnostic capabilities, providing more flexibility for conducting system testing. Complete system testing can be conducted either using the two-wire test switch provided with the unit, or can be initiated from the wall power switch that powers the fixture.
- An advanced charging system monitors the battery voltage so that overcharging and deep discharging is prevented, maximizing battery life.
- A two-color test switch uses flashing fault codes to let users know the status of the system and to report diagnostic information.



# PHYSICAL DIMENSIONS ELP20-2060-UNV-SD Constant Power Emergency Driver

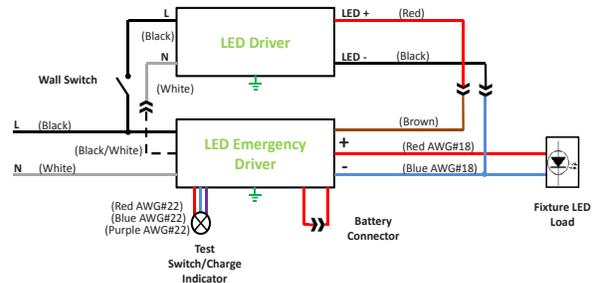


## WIRING INFORMATION

Input	24", Black(L), White (N) #18AWG
Output	24", Red(+), Blue (-) #18AWG
LED Driver (N)	24", Black/White #18AWG
LED Driver (+)	24" Brown, #20AWG
Battery Connection	24", Red #18AWG
Test Switch Connections	24", Red, Blue #18 AWG

## WIRING DIAGRAM

Typical Application



For additional wiring diagrams please visit

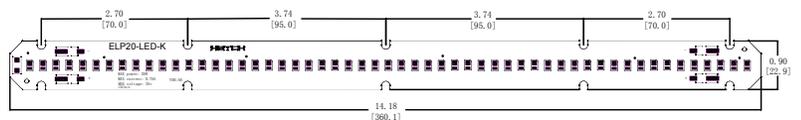
<https://www.hatchlighting.com/elp-alternate-wiring-diagrams>

## PACKAGING INFORMATION

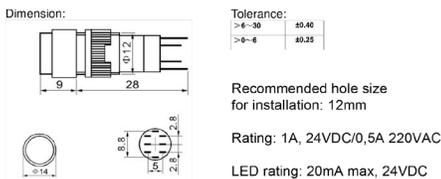
Weight:	3.5 lbs		
QTY:	6pc/carton		
<b>INCLUDES</b>			
LED Emergency Driver	1	Tek Screws	4
Wall Plate	1	Test Button	1
Luminaire Mod. Label	1	Install. Guide	1
Screw Wire Connectors	2	Wall Plate Screws	2

## OPTIONAL LED MODULE

Part #	Max Power	Max Current	Type Voltage	Lumens/ Watt	CRI
ELP20-LED-K	20	750mA	35V	~130	>80



## TEST SWITCH



## NOTES

- To maximize battery life, recharge emergency driver annually during storage.
- When a quick discharge test is conducted, emergency driver requires 2 hours of charging prior to conducting any other tests.
- For any other tests conducted, emergency driver requires 24 hours of charging prior to conducting any other tests.
- For operation, wiring, installation, regular testing and maintenance, refer to installation manual.

## TEST/DIAGNOSTIC

### MANUAL TESTING - WALL SWITCH

- 30-second test: toggle wall switch three times. LED load will be illuminated for 30 seconds.
- 90-minute test: toggle wall switch four times. LED load will be illuminated for 90 minutes.
- Cancel test: toggle wall switch two times during 30-second or 90-minute test

### MANUAL TESTING - TEST SWITCH

- Quick discharge: press test switch one time and hold. LED load will be illuminated for 1 second.
- 30-second test: press test switch two times and release. LED load will be illuminated for 30 secs.
- 90-minute test: press test switch three times and release. LED load will be illuminated for 90 mins.
- Cancel test: press test switch once and release during 30-second or 90-minute test

### TEST SWITCH FLASHING FAULT CODES:

- Steady green: standby or emergency operating mode
- Flashing green: battery charge mode
- Single red flashing: battery fault - charge not possible
- Double red flashing: low battery voltage
- Triple red flashing: load voltage less than 20V