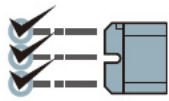


EM15 Emergency Driver Specification Sheet



SELF-DIAGNOSTIC
AUTOMATIC MONTHLY & ANNUAL TESTING



**CONSTANT
POWER**
EMERGENCY OUTPUT



**LISTED
E493870**



SELV



Test switch
Charge indicator
Emergency Indicator

Description

The EM15 Emergency Driver is UL Listed Emergency Equipment that allows the same LED fixture to be used of both normal and emergency operation. In case of power failure, EM15 switches to emergency mode and operates the existing fixtures for 90 minutes. The unit contains battery, charger and converter circuit in one pack and is available in different mounting configurations for individual fixture requirements. The EM15 Emergency Driver is for use with a LED load up to 15W at rated voltage 18-54V.

Operation Description

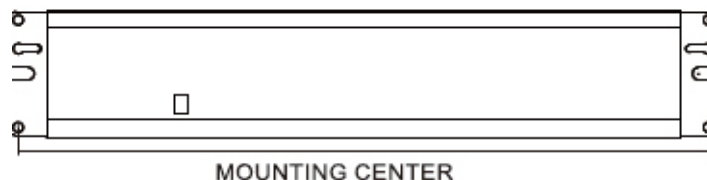
When AC power fails, EM15 Emergency Driver immediately switches to emergency mode, operating the LEDs at a reduced current for a minimum of 90 minutes. When AC power is restored, device automatically switches back to charging mode. Recharging time is 24 hours.

Features

- UL Listed to FTBV for field installation
- Self-diagnostic circuitry will automatically conduct monthly 30-second and annually 90-minute tests
- Self-adapt output voltage which can operate lots types of lightings, greatly reducing the SKUs of emergency driver
- 4 power options by dial code
- Constant output power
- Long life, high temperature, recyclable NiCd battery
- Includes test switch and charge indicator accessory kit
- Meets or exceeds all national electrical code and life safety code emergency lighting

Dimensions

Case Length	13.85"
Case Width	2.26"
Case Height	1.16"
Mounting Length	13.84"
Mounting Width	1.76"
Overall Length	13.85"



HEIGHT 2.26"

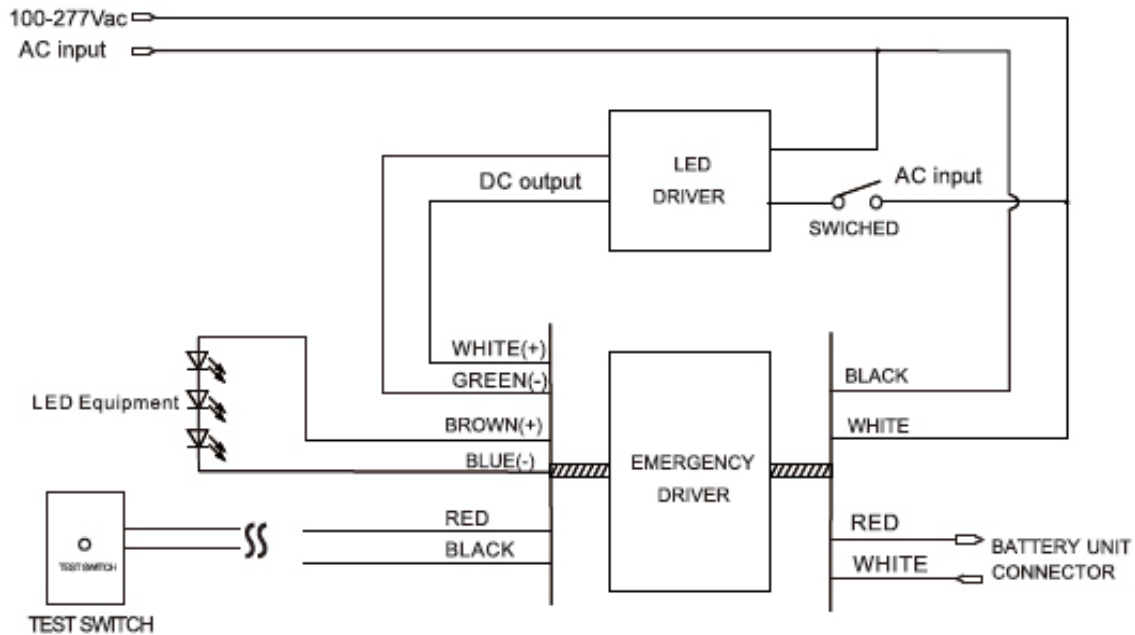
WIDTH 1.16"

MOUNTING CENTER

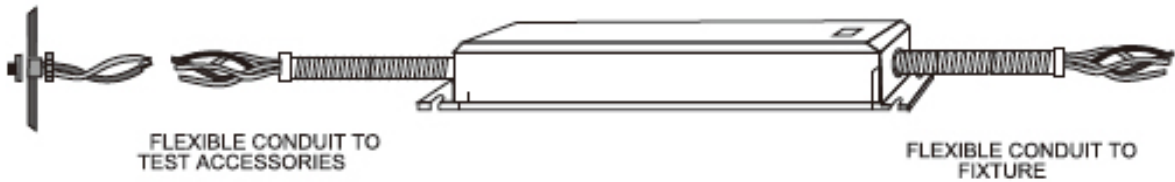
Specifications

Universal Input Voltage	100-277VAC, 50/60 Hz
Input Current Max	0.1 A
Input Power Max	6W
Output Voltage	18-54V
Output Current	833mA - 278mA
Output Power	15W
Test Switch	Illuminated Test Switch
Emergency Operation Period	90 minutes
Operating Temperature	0° ~ +55°C
Battery Type	NiCd (Nickel Cadmium) rechargeable battery
Full Recharge Time	24 hours
Weight	3.53 lbs
Warranty	5 years
Certification	UL924, cUL 924


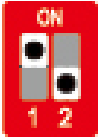
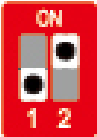
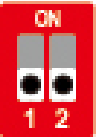
Wiring Diagram



Configuration Options



Test Switch

			
7.5W	10W	12W	15W
180 minutes	135 minutes	112 minutes	90 minutes

Installation

EM15 Emergency Driver can be used with either a switched, unswitched or emergency only fixtures. 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. It is not recommended with fixtures where the ambient temperature may fall below 0°C. The product is suitable for installation in sealed and gasketed fixtures.