

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

PRODUCT DESCRIPTION

The LEDSION'S LED emergency drivers are UL Listed for factory or field installation, unrivaled emergency solutions for LED product with internal driver. It allows the same LED luminaire to be used for normal and emergency operation and works in conjunction with an AC LED driver that convert new or existing LED fixtures into emergency lighting. It adopt a long-life recyclable Lithium battery, and are backed by a 5-Year Warranty. It is available in a variety of wattage, providing solutions for 8, 16 and 25 watt applications.

- 1.The LS2EDH-08170-XX is for use with an LED load up to 8W at a rated voltage of 170V DC.
- 2.The LS2EDH-16170-XX is for use with an LED load up to 16W at a rated voltage of 170V DC.
- 3.The LS2EDH-25170-XX is for use with an LED load up to 25W at a rated voltage of 170V DC.

OPERATION

When AC power fails, LEDSION'S EM-H Series emergency LED driver 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.

FEATURES

1. Long life recyclable Lithium battery.
2. Integration of test switch and charge indicator
3. Used for exterior or interior of luminaire
4. THE Power of led luminaire \leq power of emergency driver
5. Self-test function available

Mounting configuration:

Each unit is available in four different mounting configurations to accommodate various performance requirement and fixtures types.

• Single Flex (Standard Version)

Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.



• Dual Flex (Optional)

Provides dual flex for wiring to both the fixture or driver compartment and test accessories.



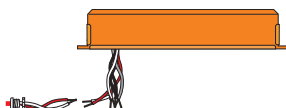
• Integral Non-Flex (Optional)

Allows for integral installation within the driver compartment. May also be mounted atop the fixture when used with a TMK cover accessory.



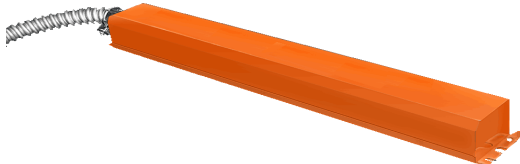
• Top-Mount Non-Flex (Optional)

Top-mounting option for running wires directly into the driver compartment. Test accessories are then installed within the fixture.

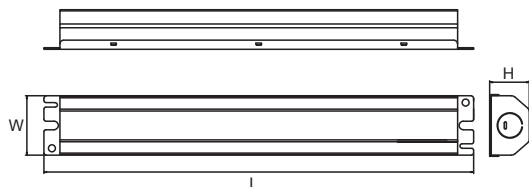


LS2EDH Series

UL Listed LED Emergency Driver
Unrivaled emergency solutions for LED Product with internal driver



Dimensions



Model	L	W	H
LS2EDH-08170-XX	14.80"	2.13"	1.38"
LS2EDH-16170-XX	17.14"	2.13"	1.38"
LS2EDH-25170-XX	17.14"	2.13"	1.57"

LS2EDH-08170-XX

LSEDH-16170-XX

LS2EDH25170-XX



Output Power
8 Watts

Output Voltage
170V DC

Input Current
35 mA (Max)

Input Power
5 Watts (Max)

Input Voltage
100-277VAC, 50 -60Hz

Emergency Operation
≥90 Minutes

Operating Temp
0° to50° C

Battery
Lithium

Recharge
24 Hrs

Dimension
L 14.80" x W 2.13" x H 1.38"

Output Power
16 Watts

Output Voltage
170V DC

Input Current
50 mA (Max)

Input Power
6 Watts (Max)

Input Voltage
100-277VAC, 50 -60Hz

Emergency Operation
≥90 Minutes

Operating Temp
0° to50° C

Battery
Lithium

Recharge
24 Hrs

Dimension
L 17.14" x W 2.13" x H 1.38"

Output Power
25 Watts

Output Voltage
170V DC

Input Current
60 mA (Max)

Input Power
8 Watts (Max)

Input Voltage
100-277VAC, 50 -60Hz

Emergency Operation
≥90 Minutes

Operating Temp
0° to50° C

Battery
Lithium

Recharge
36 Hrs

Dimension
L 17.14" x W 2.13" x H 1.57"

TYPICAL WIRING DIAGRAM

