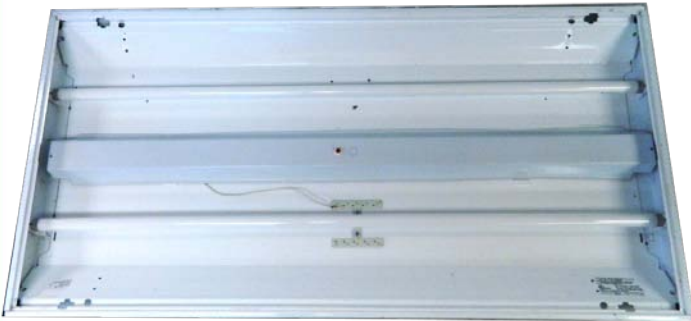
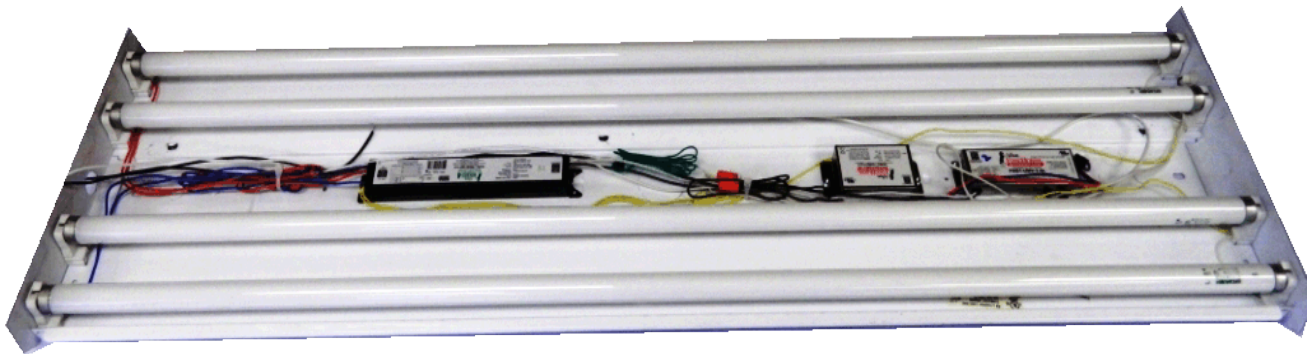


## INSTALLATION INSTRUCTIONS



**FHSKIT-T04LNX or FHSKIT-TXXXHX**



# LED EMERGENCY LIGHTING SYSTEM

MANUAL FOR HOTSPOT LED KIT INSTALLATION

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# LED EMERGENCY LIGHTING SYSTEM

## MANUAL FOR HOTSPOT LED KIT INSTALLATION

### 1.0 INSTALLATION INSTRUCTION WARNINGS

1. "THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED."
2. "WARNING - Risk of fire or electric shock. LED Retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician."
3. "WARNING - Risk of fire or electric shock. Install this kit only in the luminaries that has the construction features and dimensions shown in the photographs and/or drawings."
4. "WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects."
5. "WARNING -Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components."
6. Please make sure the grounding conductor of the luminaire is properly secured to the Branch Circuit Grounding conductor.
7. "CAUTION - RISK OF FIRE. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR."
8. The assembly of this LED retrofit should be performed by a licensed electrician or equivalent as State or Provincial Codes and Laws dictate.
9. WARNING - RISK OF FIRE OR ELECTRIC SHOCK. DO NOT ALTER, RELOCATE, OR REMOVE WIRING, LAMP HOLDERS, POWER SUPPLY, OR ANY OTHER ELECTRICAL COMPONENT.
10. THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY UL OR AUTHORITIES HAVING JURISDICTION

## 2.0 ORIGINAL FIXTURE



Figure 1: Original Fixture

### Original Fixture Disassembly:

1. Remove all original lamps and the wire-way cover from the fixture.
2. Pre-drill one 1/2" hole into the fixture wire-way cover for the Test Switch. See figure #1.

### 3.0 HOTSPOT LED KIT PARTS

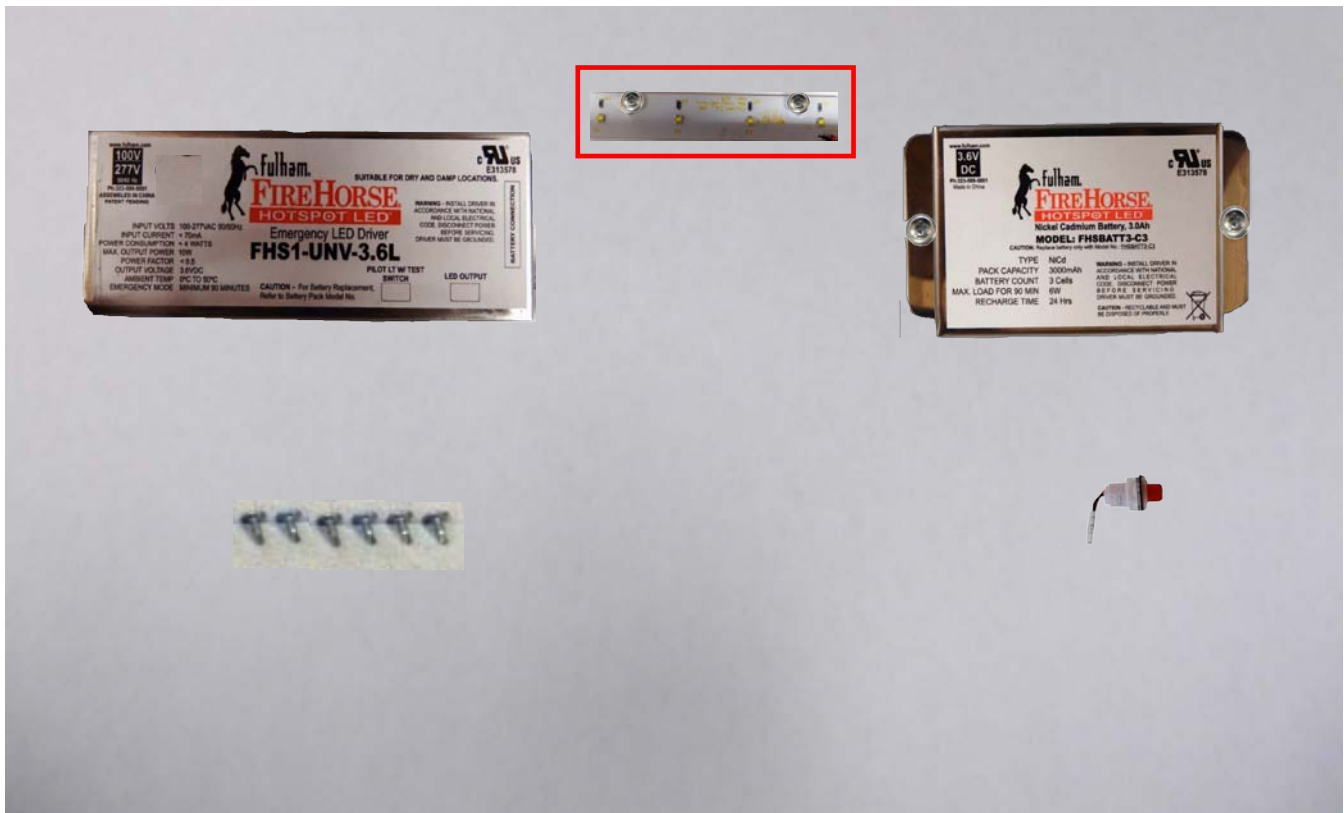


Figure 2: Hotspot LED Kit Parts

#### FHSKIT-T04LNX LED Kit Parts:

A) Hotspot LED Module:

Part Number: FHS1-AR-4W-L  
Description: Linear Array  
Quantity: 1

B) Hotspot LED Driver:

Part Number: FHS1-UNV-3.6L  
Description: Emergency LED Driver  
Quantity: 1

C) Hotspot LED Battery Pack:

Part Number: FHSBATT3-C3 or FHSBATT3-D4 or FHSBATT3-F7  
Description: Emergency LED Battery Pack  
Quantity: 1

D) Hotspot kit

- Contains:
  - 8-18x1/2" Phillips Pan Head Self Drilling Screws (Qty 6)
  - Test Switch (Qty 1)

**NOTE:** Any of the two options shown in the rectangles for the LED Array can be used for this luminaire. See Figures 2 and 2a.

### 3.1 HOTSPOT LED KIT PARTS

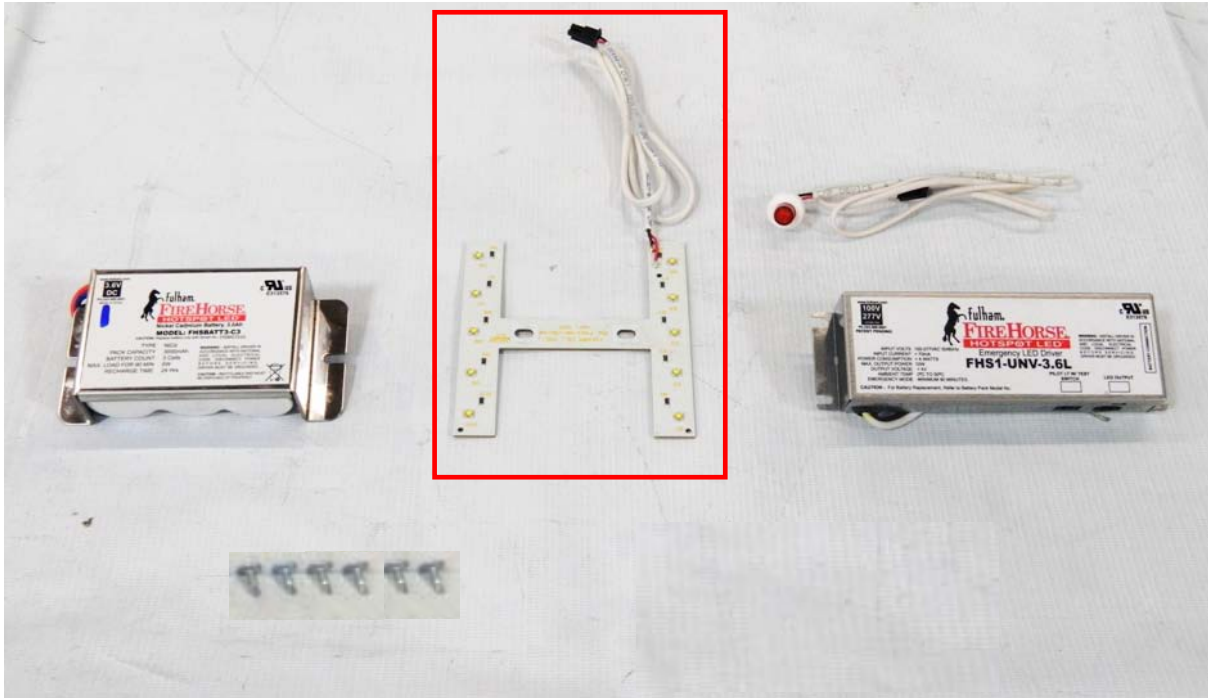


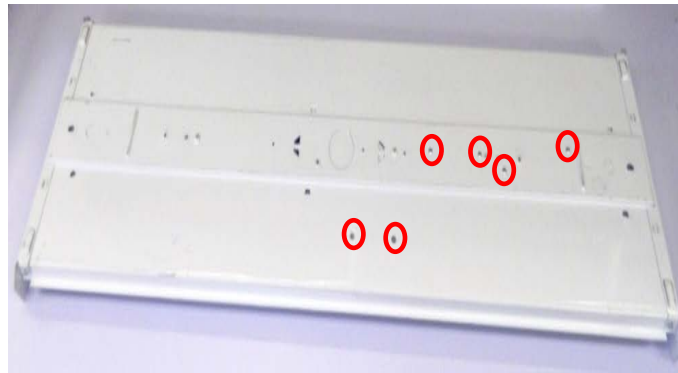
Figure 2a: Hotspot LED Kit Parts

#### FHSKIT-TXXXHX LED Kit Parts:

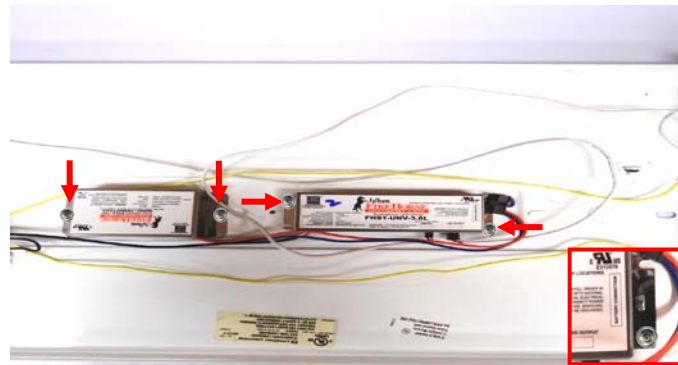
- A) Hotspot LED Module
  - Part Number: FHS3-AR-6W-SH or FHS3-AR-10W-SH or FHS4-AR-8W-LH or FHS4-AR-10W-LH
  - Description: H-Config Array
  - Quantity: 1
  
- B) Hotspot LED Driver
  - Part Number: FHS1-UNV-3.6L
  - Description: Emergency LED Driver
  - Quantity: 1
  
- C) Hotspot LED Battery Pack
  - Part Number: FHSBATT3-C3 or FHSBATT3-D4 or FHSBATT3-F7
  - Description: Emergency LED Battery Pack
  - Quantity: 1
  
- D) Hotspot LED Kit
  - Contains:
    - 8-18x1/2" Phillips Pan Head Self Drilling Screws (Qty 6)
    - Test Switch (Qty 1)

### 4.0 HOTSPOT LED KIT INSTALLATION

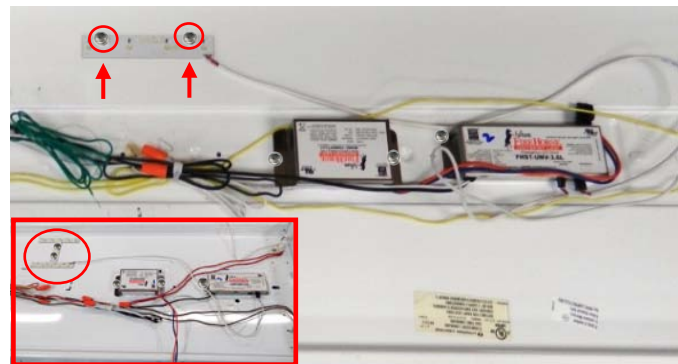
1. The circles show the exterior location of the 8-18x1/2" Phillips Pan Head Self Drilling Screws after they are used to secure the LED components. Use this as a reference. See picture #1.
2. Place the Emergency LED Driver and LED battery pack onto the fixture. See picture #2.
3. Secure the Emergency LED Driver and LED Battery Pack to the fixture using four 8-18x1/2" Phillips Pan Head Self Drilling Screws. See picture #2.
4. Place any of the two options for LED Module onto the fixture, in the space between the original lamps. See picture #3.
5. Secure the LED Module to the fixture using two 8-18x1/2" Phillips Pan Head Self Drilling Screws. See picture #3.
6. Connect the Neutral (white) and the uninterrupted line (black) of the LED Emergency Driver. See picture #4.



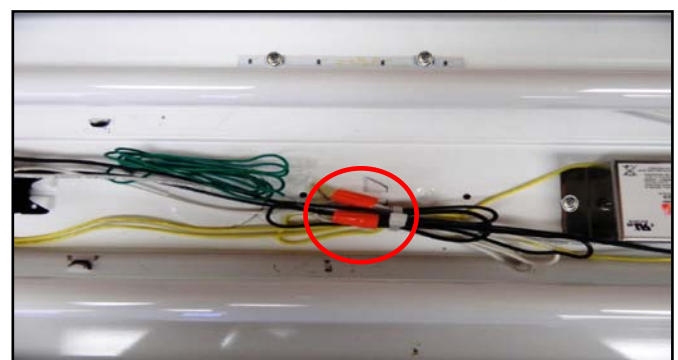
Picture #1



Picture #2



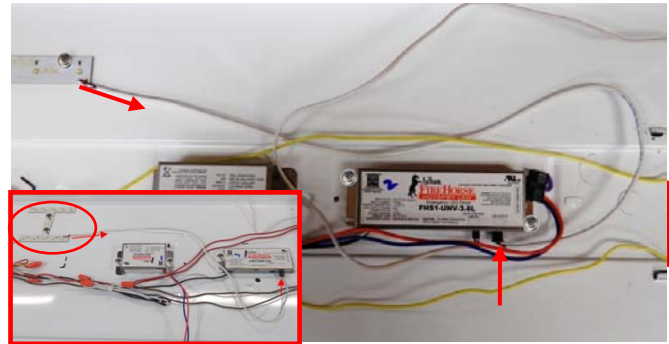
Picture #3



Picture #4

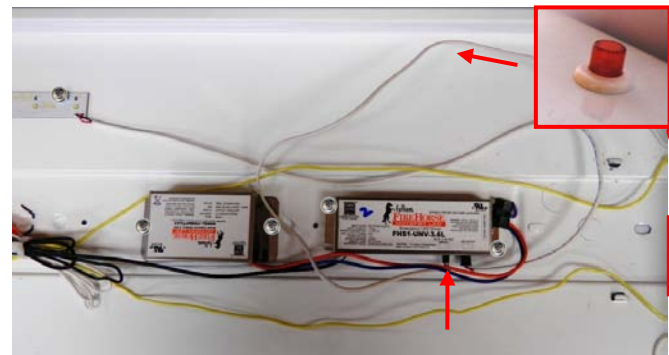
### 4.1 HOTSPOT LED KIT INSTALLATION

7. Connect one of the two LED Module wire options (→) to the Emergency LED Driver. See picture #5.



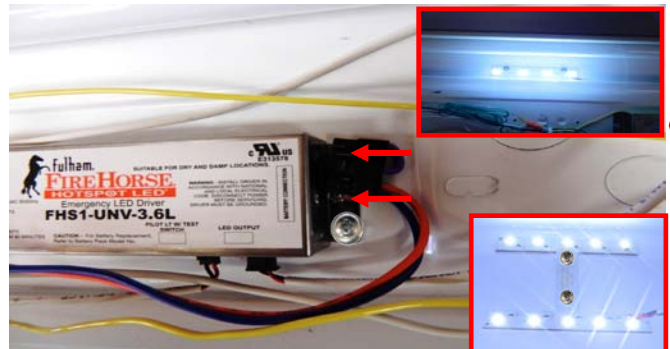
Picture #5

8. Insert the Test Switch into the pre-drilled hole in the fixture's wire-way cover and secure it in place. See picture #6.
9. Connect the Test Switch wire (→) to the Emergency LED Driver. See picture #6.



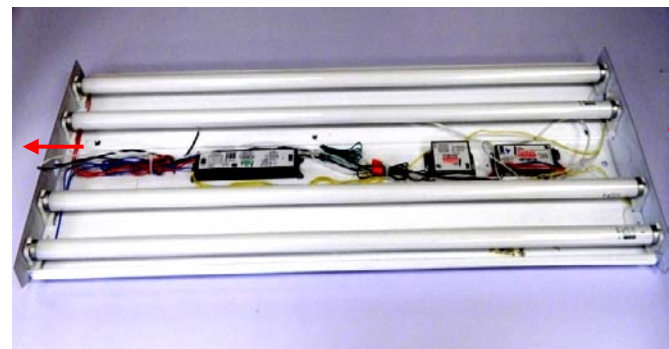
Picture #6

10. Test the setup by connecting the LED Battery Pack connector to Emergency LED Driver side Terminal. See picture #7.



Picture #7

11. Pass the input wires through the fixture's access hole. See picture #8.



Picture #8



## 4.2 HOTSPOT LED KIT INSTALLATION

12. Replace the wire-way cover and the original lamps. See picture #9.
13. Depending on the LED setup, completed installation should look like picture #9 or picture #10.



Picture #9



Picture #10



# LED EMERGENCY LIGHTING SYSTEM

MANUAL FOR HOTSPOT LED KIT INSTALLATION

## 5.0 WARRANTY AND CONTACT INFORMATION

### Warranty

Please see our warranty policy on Fulham's LED Emergency Lighting Program.

### Component Part Numbers

To order Hotspot LED Modules, Drivers, Battery Packs, and/or Hotspot LED kits, please contact us and use the part numbers below to order:

**Hotspot LED Module:** FHS1-AR-4W-L or FHS3-AR-6W-SH or FHS3-AR-10W-SH or FHS4-AR-8W-LH or FHS4-AR-10W-LH

**Hotspot LED Driver:** FHS1-UNV-3.6L

**Hotspot LED Battery Pack:** FHSBATT3-C3 or FHSBATT3-D4 or FHSBATT3-F7

**Hotspot LED Retrofit Kit Part Number:** FHSKIT-T04LNX or FHSKIT-TXXXHX

### Contact Information

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