3', 4' & 8' LED Strip Retrofit Surface Mount
Product Series: SFHR
Instruction Number: P-INT-X-463

Use this instruction to retrofit existing surface mounted T8 strip fixtures to LED.

WARNING!-Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING!-Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

WARNING!-Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING!-To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING!-Risk of electric shock. Do not alter, relocate, or remove wiring, lamp holders, power supply, or any other electrical component.

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.

WARNING!-Risk of fire or electrical shock. Luminaires, wiring, ballasts, or other electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

Only those open holes indicated in the photographs and/or drawings may be made or altered as a results of kit installation. Do not leave any open holes in an enclosure of wiring or electrical components.

WARNING! Do not touch LEDs, do not place anything on top of LEDs.

WARNING! This retrofit kit is specifically for existing surface mounted strip fixture with a 4.25" or 5.25" fixture housing/SEP pan.

Min. 60°C Supply Connectors

Supplied Components (See Image A)

1 Prewired LED Strip 3', 4' or 8' Cover, with Driver(s), Arrays, and Luminaire Disconnect (4.25" or 5.00" wide cover-no lens version shown)

2 SFHR-001-HDWR-KIT (HARDWARE KIT: Miscellaneous Material Needed for Installation of a SFHR Retrofit. Kit Includes Installation Tethers, Connectors, and Screws)
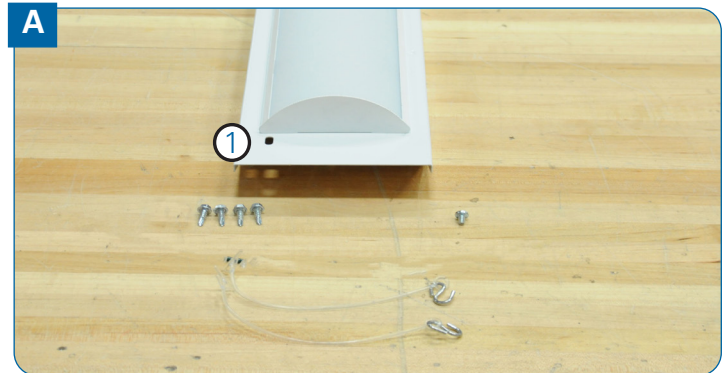
Recommended Items for Installation
-Cordless drill with 1/4" HEX Driver
-Wire strippers
-Wire nuts

Step-by-Step Instructions

1 Open the circuit breaker supplying power to the existing lighting circuit and lock out in accordance with the organization's lockout tagout procedure .

2 Remove the existing lamps and dispose of them according to federal, state and local ordinances (See Fig. 1).

3 Remove and properly dispose of existing ballast channel covers (See Fig. 2).

4 Remove lamp holders and lamp holder leads and disconnect the incoming power, neutral and ground wires to the existing ballast and fixture. Cut and remove all existing ballast wires. The incoming power may be connected by quick disconnect or using wire nuts (See Fig. 3 and Fig. 4).
NOTE: If there is not enough clearance between new driver assembly and existing ballast, remove ballast from pan.

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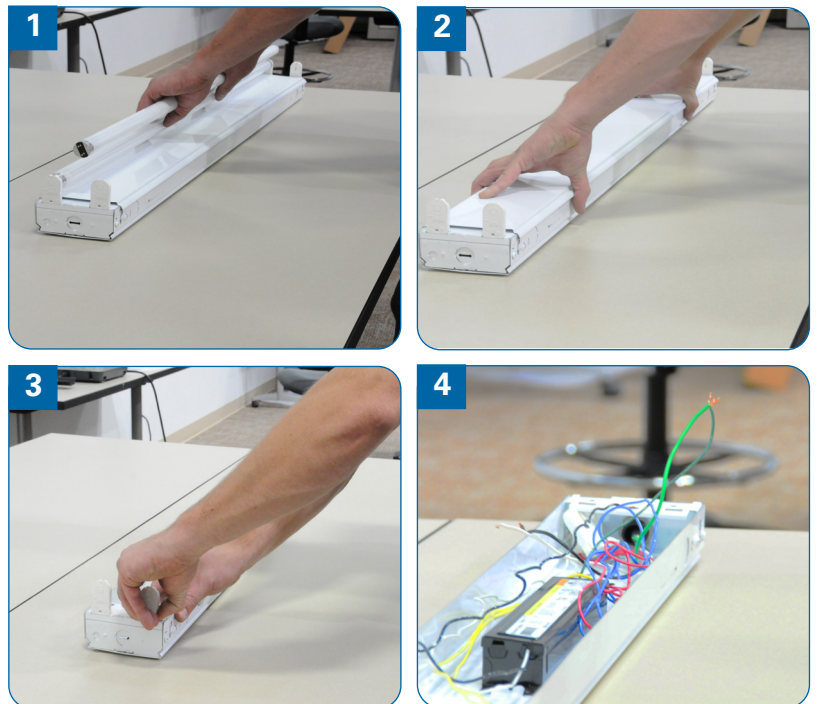
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5 #1 S Hook Safety Tether Mounting Hole (See Fig B hole circled in green)

6 Strip Mounting Hole to drill on site if needed for front mounting. #2 Pilot dimple supplied from factory. (See Fig C hole circled in red)

7 Attach installation tethers to LED strip cover (See Fig. 5a and Fig. 5b).

8 Hang LED strip cover from existing strip housing (See Fig. 6). May vary depending on the existing strip housing design.

9 Make electrical connections per NEC and local codes.

10 Center LED strip cover over strip housing. Use supplied self drilling screws to secure LED strip cover in place. Pre-punched recessed holes are provided on each side of the cover. (See Fig C for dimple example)
NOTE: Do not pinch wires when installing LED strip cover.

11 Restore power to fixture and test.
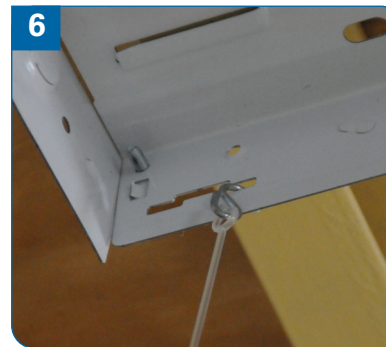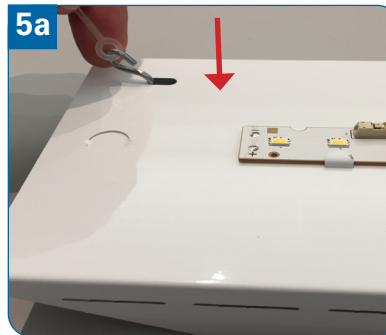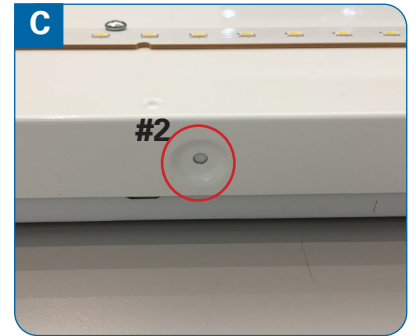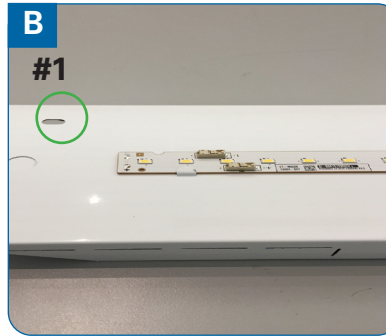
Additional Side Knockout Removal

If a side knockout location is needed, use self provided tin snips to cut the required knockout location shown above. Only remove amount of material needed to line up knockout location. Bend material back and forth to remove.

Shows how cover and existing fixture housing lines up to allow for knockout location to be used circled in red.
NOTE: Existing pan knockout locations may vary.

SFHR/SFHC Fixture Wireguard Installation
Instruction Number: P-INT-X-407

Use this instruction to install a fixture wireguard in the field for the SFHR/SFHC product series.

Components
1 SFHR or SFHC Series Fixture (ordered separately)
2 LED-SFHR-WGO1-SP or LED-SFHR-WGO1-KIT or LED-SFHC-WGO1-SP or LED-SFHC-WGO1-KIT NOTE-Kit Includes: Fixture wireguard, hardware (4 screws, 4 loop clamps) (See Fig. A for provided hardware)

Tools Required for Installation
-Cordless drill

Step-by-Step Instructions

WARNING!
Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

1. Field installers are responsible for recognizing specific site requirements and making adjustments to assure a complete, functional installation.

2. Make all power connections using UL listed components.

3. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.

1 Unpack components.

2 Place (4) loop clamps onto designated locations on wireguard and pinch closed with a flat nose pliers or fingers. Flat side of the loop clamp should be facing outward for ease of mounting flush to fixture. (See Fig. 1 and 2 for loop clamp locations and placement on wireguard-the 4th section from the end of the wireguard)

3 Place wireguard onto fixture body (See Fig. 3)

4 Insert screw into the loop clamp and fasten to the fixture body. Repeat this step for all 4 loop clamp locations to secure wireguard to fixture. (See Fig. 4 and Fig. 5 for completed install of wireguard)

5 Proceed to mount fixture per customer selected mounting method and complete electrical connections to NEC/local code.