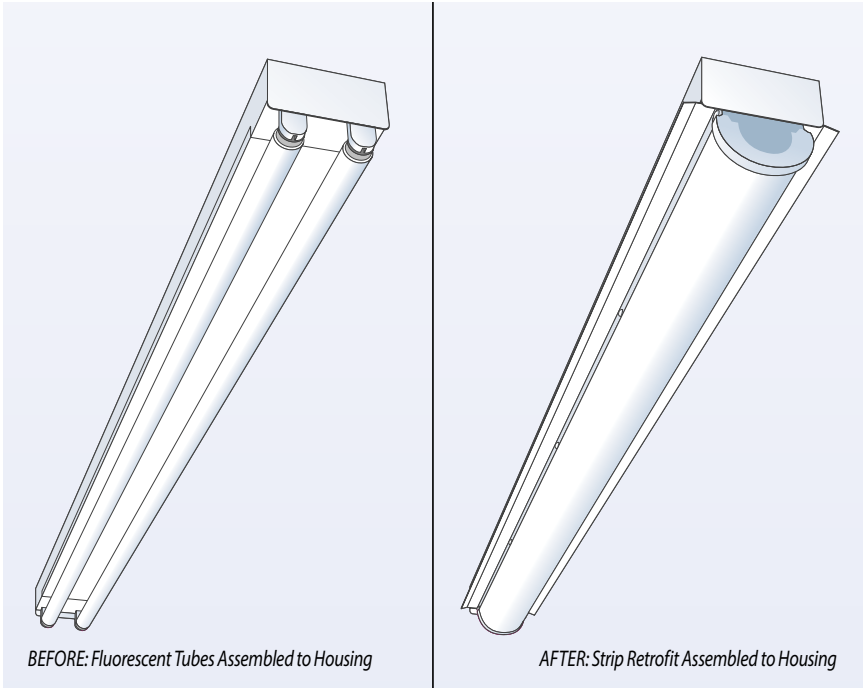


## ***LED Strip Retrofit*** ***Installation Instructions***

For 4' and 8' LED Strip Retrofit (SR Series)  
Adjustable for 2.75" to 5" Wide Strip Housings



## INTRODUCTION

The LED Strip Retrofit fits on your existing strip fixture housing providing an even surface of light and allowing you to easily upgrade to cost effective LED technology. This adjustable retrofit can fit any pre-existing housing 2.75" - 5" wide.

## SAFETY INSTRUCTIONS AND WARNINGS

**CRITICAL SAFETY INSTRUCTIONS:** Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant local building codes.

**LED STRIP RETROFIT WARNINGS:** Risk of fire or electric shock. LED Strip Retrofit kit installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Strip Retrofit kit. Check for enclosed wiring and components. Do not make or alter any open holes in the enclosure of wiring or electrical components during kit installation.

**WARNING:** Risk of fire or electric shock. Install this kit only in luminaire frames with 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. Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

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

This LED Strip Retrofit Kit shall only be installed into a UL/CUL listed luminaire with a steel enclosure.

### DISCONNECT SAFETY INSTRUCTIONS:

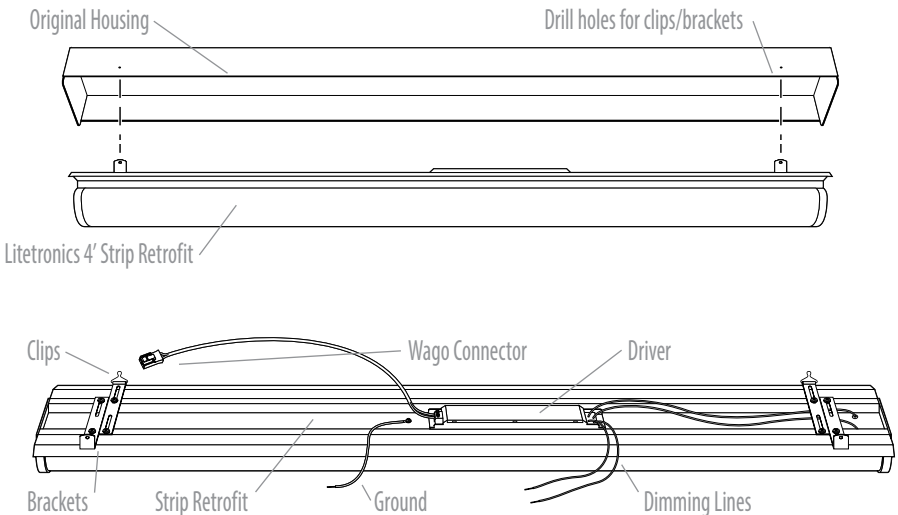
**WARNING -** This is a current rated device. Use in applications involving amperage beyond its rating can be dangerous and cause electrical fires. Voltage Rating: 600 Volts Maximum. Current Rating 6 Amps Maximum.

**DANGER - NEVER** remove wires from product as contact with electricity can cause serious injury or death. Shut off power at the circuit breaker or remove fuse when installing this product.

**SAFETY NOTICE -** Improperly installed electrical wiring can be dangerous and cause electrical fires. This product must be used in accordance with the current rating and wire sizes listed.

**COPPER to COPPER ONLY.** Do not use with Aluminum wire. Temperature rating: 105° C (221° F) maximum. Flame Rated UL94V-0. This product is intended for use in a UL/C-UL listed or surface-mounted fixture, with the dimensions specified.

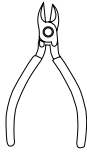
### SAVE THESE INSTRUCTIONS



## TOOLS TYPICALLY USED FOR INSTALLATIONS



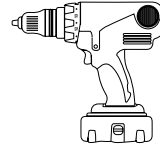
Wire Stripper  
(Optional)



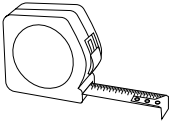
Wire Cutter  
(Optional)



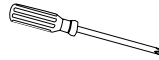
Step Ladder



Drill



Measuring Tape

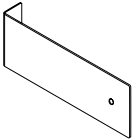


Phillips Screwdriver

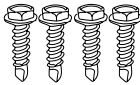
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## WHAT COMES IN THE BOX

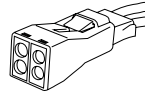
LED Strip Retrofit base product comes with following standard parts:



(1) Template Tool



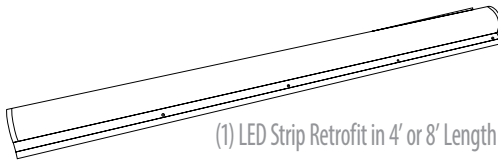
Self-tapping  
screws, #8 x 1/2"  
(4' kit includes 4)  
(8' kit includes 8)



(1) Male Wago Connector  
(Attached to female end)



(2) Labels



(1) LED Strip Retrofit in 4' or 8' Length

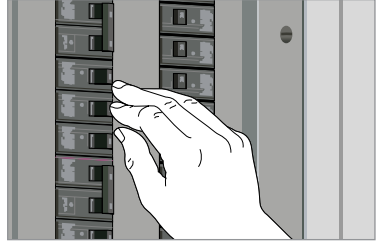
*Before Installation, carefully remove all parts from the packaging.  
Inspect product for defects due to shipping.*

# Section 1

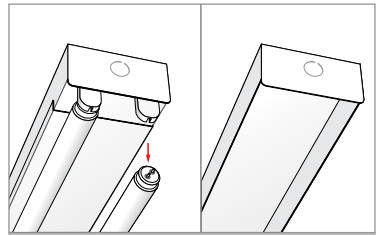
## LED STRIP RETROFIT 4' LINEAR STRIP INSTALLATION

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

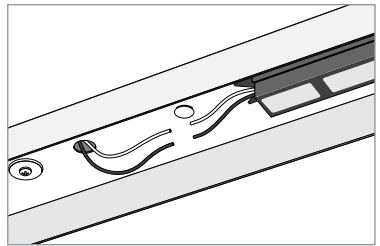
1. Turn off power at electrical panel.



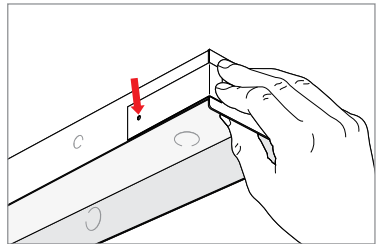
2. Remove fluorescent lamps, sockets and bottom cover plate from fixture. Properly dispose of them according to federal, state and local ordinances. The rest of the existing fixture housing will serve as the base for your LED Strip Retrofit.



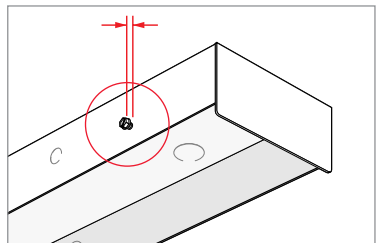
3. Prepare the wiring by cutting wires to ballast. Ensure that the incoming power lines are accessible.



4. Find template tool included in kit. Place template over corner of housing and align to bottom housing edge. Clearly mark hole location, and repeat on opposite end. Two hole locations will be marked on same long side of housing.



5. Drill self-tapping screws (provided) into two marked hole locations, leaving space between screw head and housing wall. Space will accommodate clips for hanging Strip Retrofit.

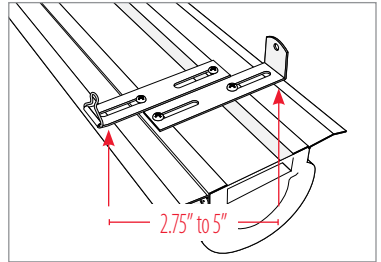


## Section 1

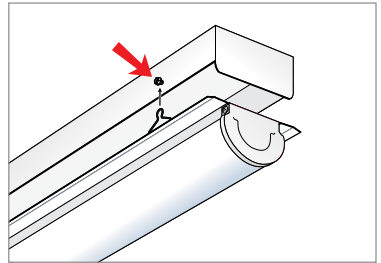
### LED STRIP RETROFIT 4' LINEAR STRIP INSTALLATION

6. Measure the existing housing width and set brackets to fit accordingly. Brackets can adjust to accommodate housings from 2.75" to 5". At proper width, tighten the two screws holding the brackets to each end of the Retrofit.

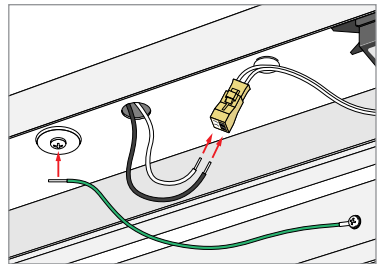
*Note: Brackets on one side will include clips to mount to screws (Step 5).*



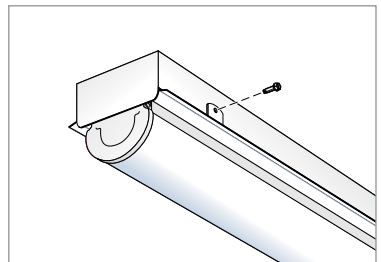
7. There are two white clips with hinges on the Strip Retrofit. Hang these on the self-tapping screws on side of housing. Tug lightly into place. Retrofit should hang open.



8. Insert the stripped power lines into the ports at back of the pre-assembled Wago Connector (Black wire in black section; white wire in white section). Then connect green ground wire from lamp to housing.



9. Swing the hanging Strip Retrofit into final position and ensure that the hanging brackets are flush to the outside of the housing wall. Remove ballast if it is interfering with the driver position.
10. Mark housing using holes in Strip Retrofit brackets. Drill self-tapping screws in to secure brackets to fixture.



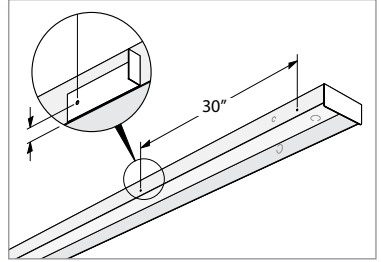
11. Apply Caution/Retrofit labels.
12. Turn on the power and you are done.

## Section 2

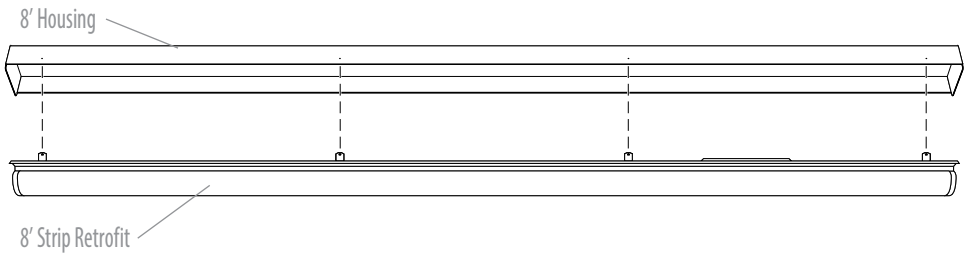
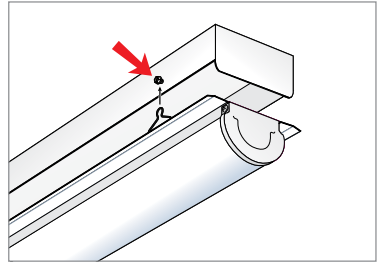
# LED STRIP RETROFIT 8' LINEAR STRIP INSTALLATION

READ ALL INSTRUCTION BEFORE BEGINNING INSTALLATION

1. From Section 1 (4' installation), follow steps 1-4.
2. To determine placement for center 2 holes, you will need the measuring tape.
3. From outer holes, measure inward 30" and the same height as outer holes.



4. Once locations are marked, drill self-tapping screws (provided) into all four marked hole locations, leaving space between screw head and housing wall to hang Retrofit.
5. Follow steps 6-11 from Section 1 (4' installation) to complete installation process.



# NOTES

Thank you for choosing

**LITETRONICS®**

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