

Installation Instructions

Drawing Number:
IN019_RSTR20X

Read all instructions and warnings before attempting installation.

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 wiring and components.

WARNING Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of construction and operation of the luminaire's electrical systems and the hazards involved. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING Risk of fire or electric shock. Install this kit only in the 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 To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING Electrical shock can occur during retrofit component installation if power is not turned off.

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

WARNING 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.

WARNING Risk of personal injury. Wear gloves and safety glasses at all times when removing from carton, installing, servicing and maintaining this equipment.

For cUL units, THE RETROFIT KIT IS ACCEPTABLE AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR AUTHORITIES HAVING JURISDICTION.

Los Angeles Lighting Mfg. Co. assumes no responsibility for claims arising out of improper or careless handling or installation of this product.



Los Angeles Lighting Mfg. Co.

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R1: 8-21-2020

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PARTS LIST

- **Pre-Wired LED Assembly, 1x**

Assembly with LED boards, Driver and Driver Disconnect.



- **Hardware Package, 1x**

Package contains the below items:



Self-Drilling TEK Screw, 6x (2L or 4L)

Self-Drilling TEK Screw, 12x (6LT or 8LT)

- **Labels, 2x**

Luminaire Modification Label, 1x

Replacement Parts Marking Label, 1x

IMPORTANT Check your retrofit kit against the parts list.

IMPORTANT Do not touch the LEDs during installation to prevent the risk of damaging LEDs.

IMPORTANT Always disconnect power before attempting installation.

IMPORTANT A label with model number and date of manufacture is included in the package and must be installed in the luminaire once installation is complete. This label must be applied in compliance with the UL standard.

IMPORTANT Installation requires application of the Luminaire Modification Label in your kit, as per UL. This label includes the statement: "This fixture has been modified and can no longer operate the originally intended lamp". This label should be applied to the fixture housing once installation is complete.



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RSTR20x Series LED Retrofit Kit

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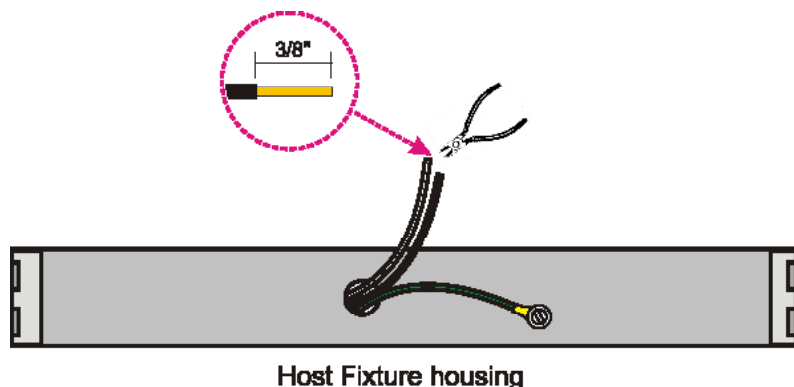
Read all instructions and warnings before attempting installation.

Step 1

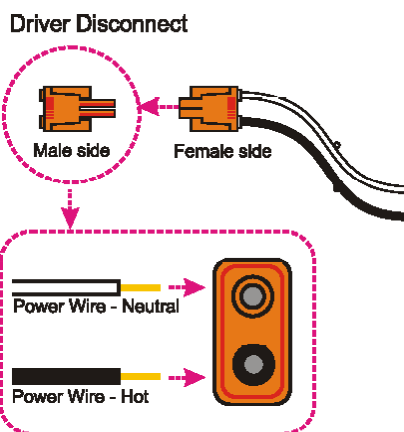
Locate the fluorescent lighting fixture (host fixture) that's to be retrofitted, DISCONNECT POWER.

Step 2

- Remove fluorescent tubes from the Host fixture.
- Remove Ballast/wireway cover and Lamp holders with wires from the lamp holder brackets of the host fixture.
- Identify power supply wires, clip and strip the ends 3/8" to prepare for use with the Driver Disconnect.



- Leave existing Ground wire (Green) attached, do not remove.
- Recycle or properly dispose of all components removed from host fixture.
- Separate male side of driver disconnect from the Pre-Wired LED Assembly, and install it to the power supply wires.



Step 3

Apply provided labels to the Fixture. All provided labels must be applied in compliance with UL Standards.

Step 4

Remove diffuser of the retrofit kit, keep diffuser on a clean surface and be protected, it will be re-installed once conversion is complete.



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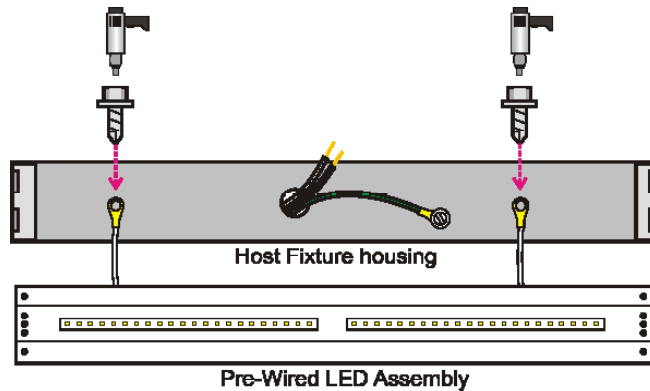
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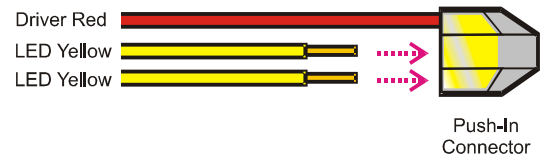
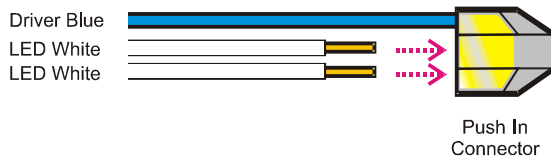
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Step 5

Install safety cables onto the host fixture with provided self drilling TEK screws. For 6LT or 8LT, two fixtures



*For 6LT or 8LT, repeat Step 5 for second fixture and make sure to connect LED+ and LED- leads into push-in ports in the first fixture.



Step 6

Join grounding wire of the Pre-wired LED assembly to the exiting ground of the host fixture.

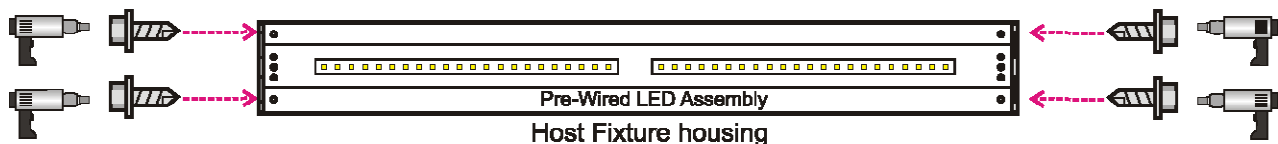
Step 7

Connect power supply wires to the Driver disconnect. (AC Black to Driver Black/ AC White to Driver White)



Step 8

Place the LED assembly against the lamp holder brackets of the host fixture, use provide self-drilling TEK screws to secure the LED assembly to the host fixture, two screws on each end.



Step 9

Re-install the diffuser and then connect power.



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