

RCIT100/200 Series LED Retrofit Kit

Installation Instructions

DRAWING NUMBER:
IN1020_RCIT100-RCIT200

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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 an 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.



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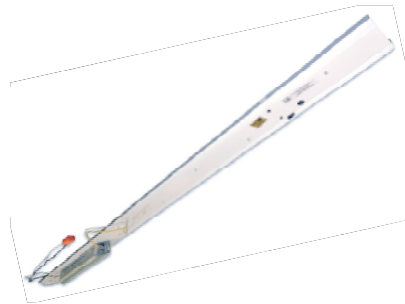
PARTS LIST

Pre-Wired LED Assembly, 1x

Assembly with LED boards, Driver, and Driver Disconnect.



Front View



Back View

Hardware Package, 1x

Package contains the below items:



CT-Screw, 2x
(CIT100/200)



Machine Screw, 4x
(CIT100)



Bracket, 2x
(CIT100)

Bracket, 2x
(CIT200)



Safety Strap, 2x
(CIT100/200)

LABELS, 2x

Luminaire Modification Label, 1x

Replacement Parts Marking Label, 1x

Note: Photo shown is RCIT100 kit assembly.

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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Step 1

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

Step 2

Unhook the latches on the side of the host fixture and remove the lens. Keep the lens on a clean surface and protected from damage, it will be re-installed once the conversion is complete.

Step 3

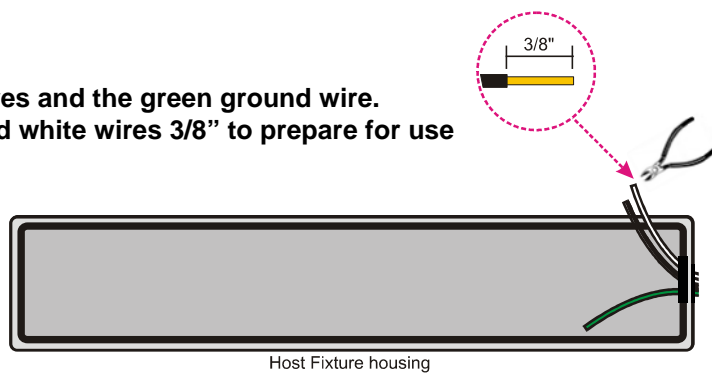
Remove all fluorescent components. Recycle or properly dispose of all components removed from host fixture.

Step 4

Remove the two gear tray retainer clips from host fixture.

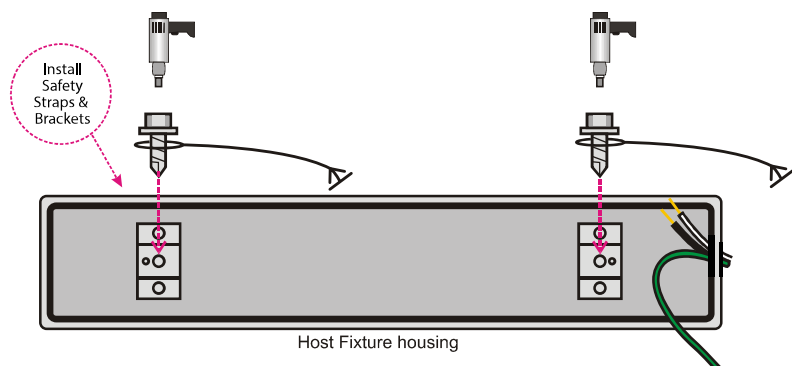
Step 5

Identify the black and white power supply wires and the green ground wire. Be sure to clip and strip the ends of black and white wires $\frac{3}{8}$ " to prepare for use with the Driver Disconnect.



Step 6

Locate (2) provided Brackets. Align Brackets with pilot pins on either side of fixture. Insert the (2) provided CT-Screws through the round-ends of the (2) provided Safety Straps and secure the Brackets to the housing.



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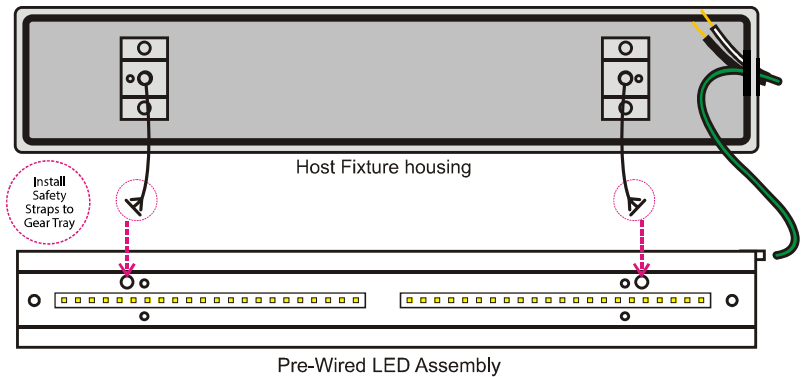
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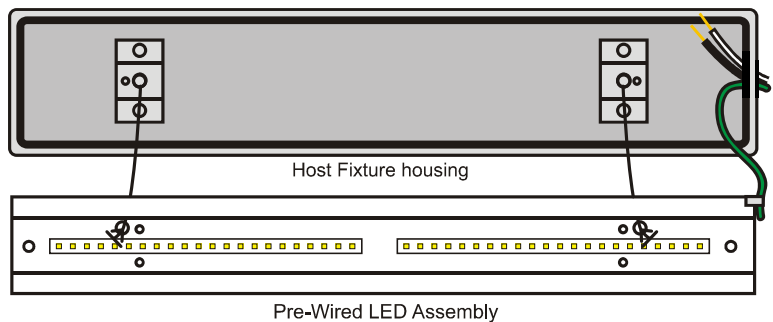
Step 7

Insert the non-rounded end of the (2) two provided Safety Straps into the holes located on both sides of the gear tray.



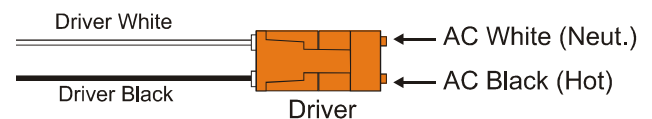
Step 8

Secure the green ground wire to the Grounding Screw.



Step 9

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



Step 10

Apply provided labels to the inside of the fixture. All provided labels must be applied in compliance with UL standard.

Step 11

Install the gear tray by mounting it to the new Brackets with the (4) four provided Machine Screws.

Step 12

Re-install the lens and secure it with the latches.



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