

Installation Instruction

E2-RTST Series LED 4FT Troffer Retrofit Kit

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THE RETROFIT KIT. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

THOROUGHLY INSPECT THE FIXTURE FOR ANY FREIGHT DAMAGE; FREIGHT DAMAGE SHOULD BE REPORTED TO THE DELIVERY CARRIER.

E2's E2-RTST LED retrofit kits must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety.

This product **MUST** be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product.

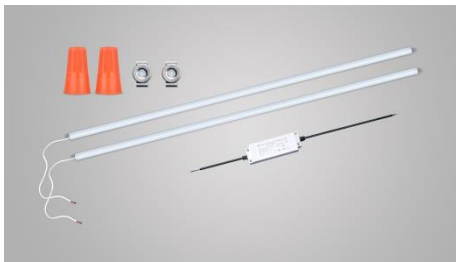
User should prepare necessary accessories and spare parts (not provided) including mounting plates, screw driver.

GETTING STARTED

E2's E2-RTST LED troffer retrofit kit is designed to replace fluorescent lamps within conventional recessed mount fluorescent troffers or surface mount strip fixtures in dry and damp locations.

This installation instruction applies to following models:

E2-RTST230



Magnet clip



E2-RTST345



Following items are included in this box:

LED retrofit strip, 2 (or 3) pcs

LED driver, 1pcs

“U” brackets, 6 (or 9) pcs

** Magnets on U bracket, 6 (or 9) pcs

Lamp replacement marking label, 1pcs

Installation instruction, 1 set

Picture is for illustration purpose only.

Your model may vary.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK. Make sure power supply is OFF before installing or maintaining the product.

RISK OF FIRE OR ELECTRIC SHOCK. Install this product 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 product does NOT exceed the input rating of the luminaire.

RISK OF FIRE OR ELECTRIC SHOCK. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

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.

RISK OF FIRE OR ELECTRIC SHOCK. Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.



RISK OF FIRE OR ELECTRIC SHOCK. Never perform maintenance or cleaning while fixture is energized. Disconnect power and allow fixture to cool before maintaining.

RISK OF INJURY. Wear safety glasses and gloves during installation and servicing.

Installation Instruction

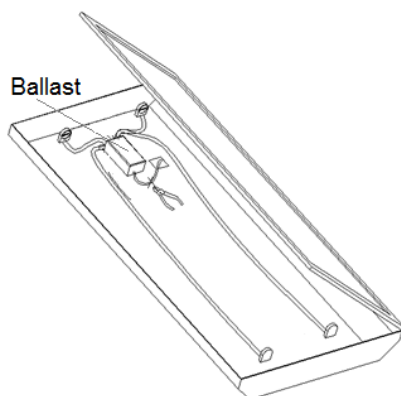
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The retrofit models are suitable to be installed to the luminaires as shown below.

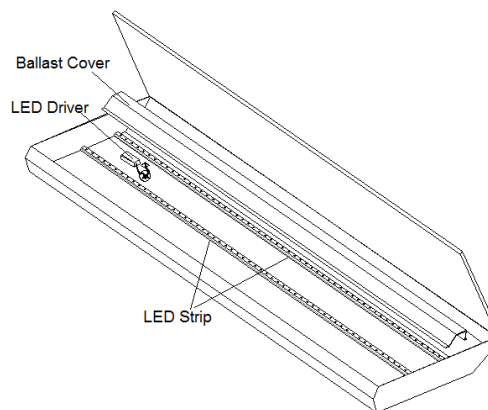
Retrofit Model	Luminaire Type	Minimum Lamp Compartment Size	Luminaire Outlook
E2-RTST2402 E2-RTST2403	Recessed	60cm x 120cm x 6.8cm	
E2-RTST2402 E2-RTST2403	Surface	7cm x 120cm x 5cm	

WIRING DIAGRAM FOR E2-RTST230 (TWO STRIPS)

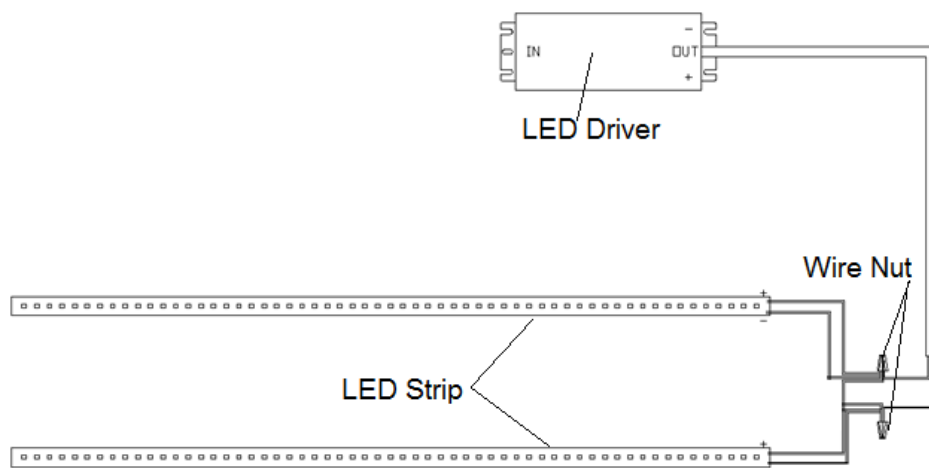
BEFORE



AFTER



WIRING DIAGRAM

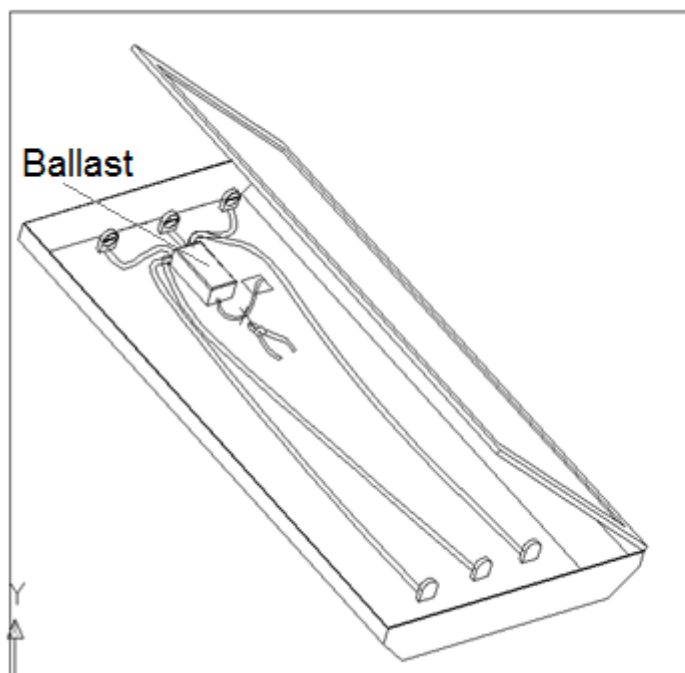


Installation Instruction

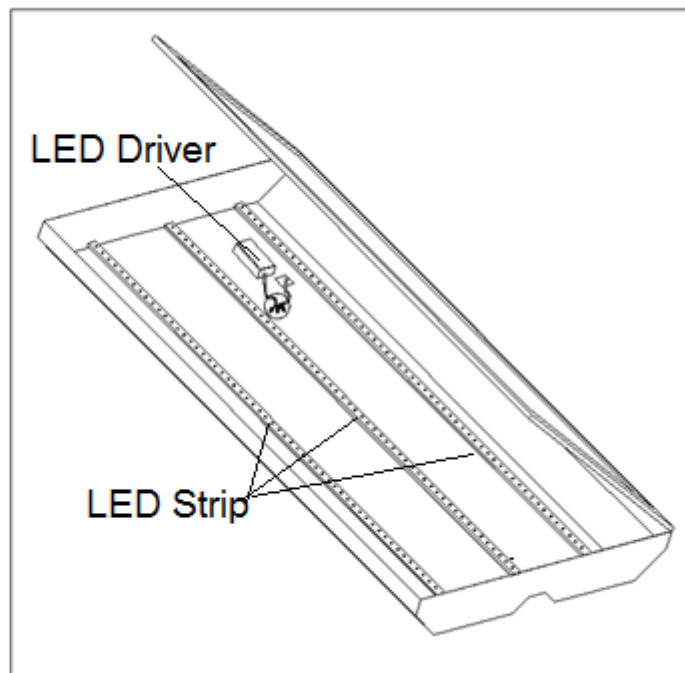
E2-RTST Series LED Troffer Retrofit Kit

WIRING DIAGRAM FOR E2-RTST345 (THREE STRIPS)

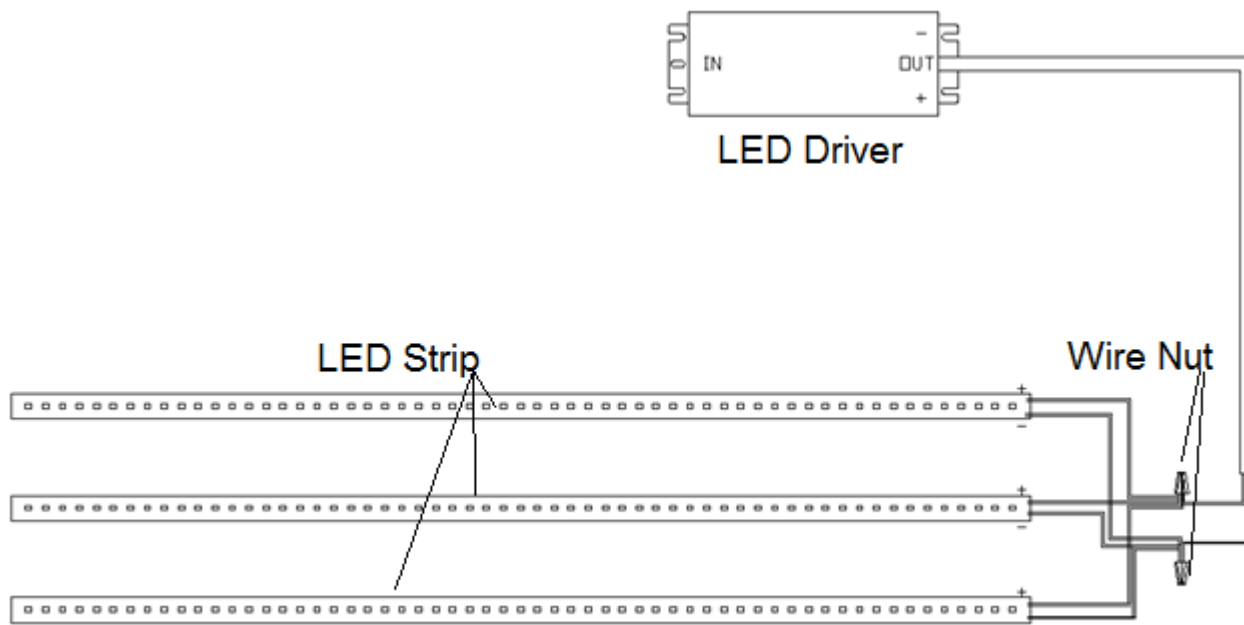
BEFORE



AFTER



WIRING DIAGRAM

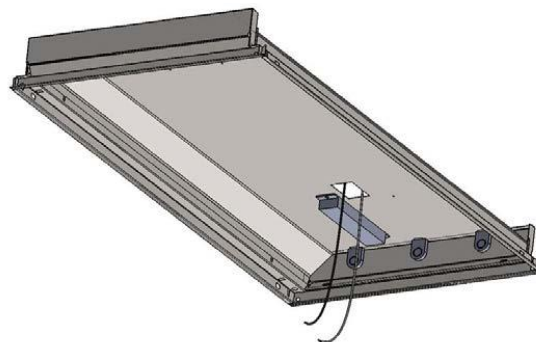


Installation Instruction

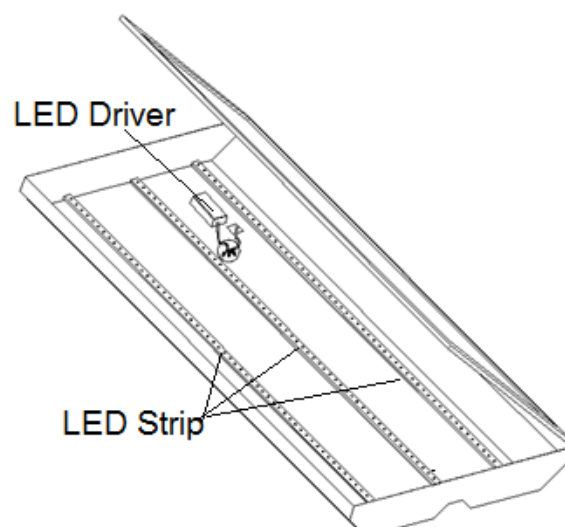
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INSTALLATION INSTRUCTION FOR RECESSED MOUNT TROFFERS

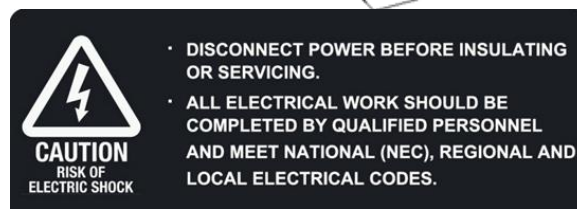
1. Open fixture, remove fluorescent tubes and all other internal components. Disconnect fluorescent ballast from power wires.



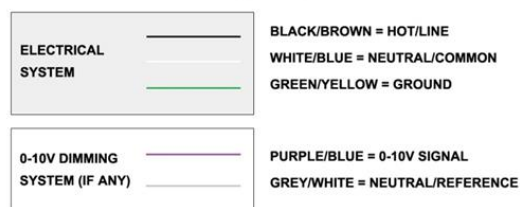
2. Align LED strips inside the fixture with the magnet connected to the strip to your desired location in the fixture. Locate the points where the strips are evenly installed..
Option: Drill one hole (diameter 4 mm) for each “U” bracket. Install “U” brackets using tek screws into fixture. Once secure, click LED strips into the bracket.
3. Align LED driver inside the fixture and locate the area where LED driver will be installed. Drill two holes (diameter 4 mm) and install LED driver using tek screws into fixture.



4. Connect LED strips to LED driver's output end according to wiring selection.
Connect RED lead to driver's POSITIVE (RED) supply lead; connect BLACK lead to driver's NEGATIVE (BLACK) supply lead.
5. Connect LED driver's input end to AC source according to wiring selection.
Connect BLACK lead to LINE (+) supply lead; connect WHITE lead to NEUTRAL supply lead.



WIRING DIAGRAM



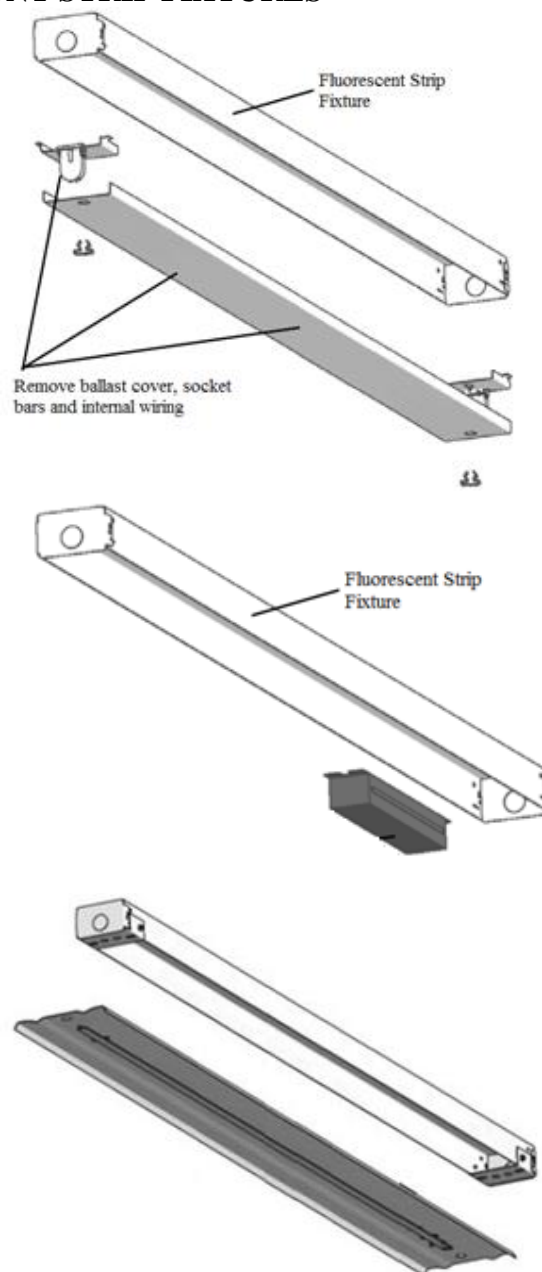
6. Close fixture and place provided replacement marking label on retrofitted fixture, where visible during re-lamping.
7. Turn on power and enjoy your LED lighting.

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INSTALLATION INSTRUCTION FOR SURFACE MOUNT STRIP FIXTURES

1. Remove fluorescent tubes and all other internal components. Disconnect fluorescent ballast from power wires.
2. Align LED driver inside the fixture and locate the area where LED driver will be installed. Using the magnet on the strip, place the strip to your desire location. Option: Drill two holes (diameter 4mm) and install LED driver using tek screws into fixture.
3. Align LED strips on the belly pan and locate the points where “U” bracket will be installed. Drill one hole (diameter 4mm) for each “U” bracket and install “U” brackets using tek screws into fixture. Once secure, click LED strips into “U” brackets.
4. Connect LED strips to LED driver’s output end according to wiring selection. Connect RED lead to driver’s POSITIVE (RED) supply lead; connect BLACK lead to driver’s NEGATIVE (BLACK) supply lead.
5. Connect LED driver’s input end to AC source according to wiring selection. Connect BLACK lead to LINE (+) supply lead; connect WHITE lead to NEUTRAL supply lead.



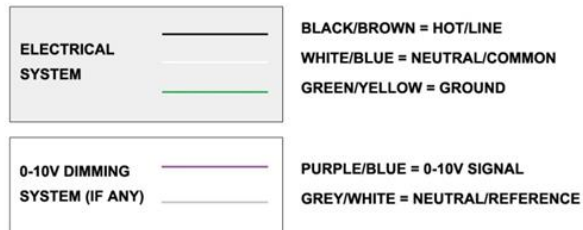
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6.



WIRING DIAGRAM



7. Close fixture and place provided replacement marking label on retrofitted fixture, where visible during re-lamping.
8. Turn on power and enjoy your LED lighting.