

Linear LED Strip Retrofit Installation Instructions



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

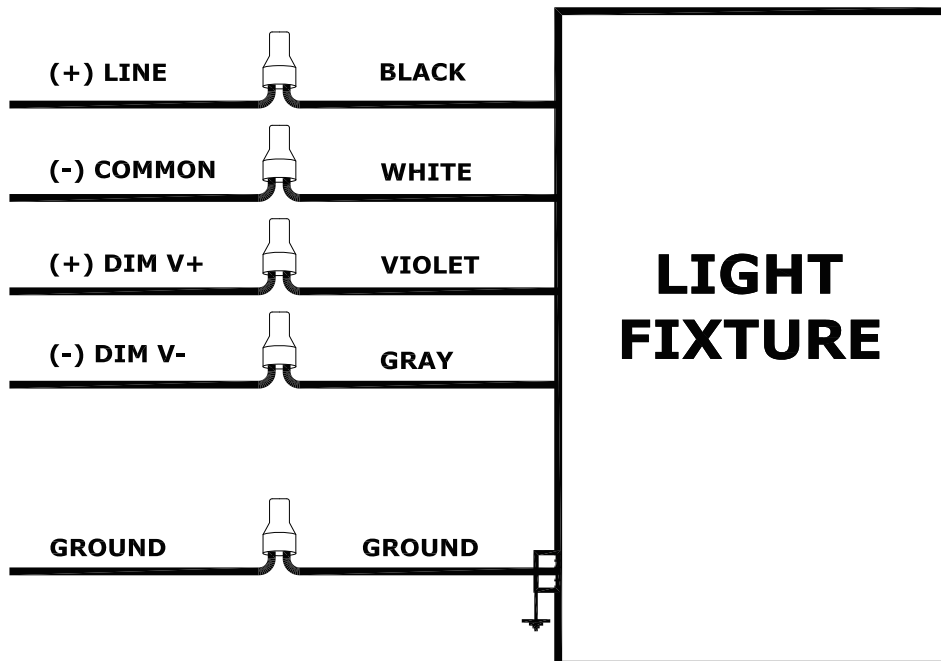
fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture.

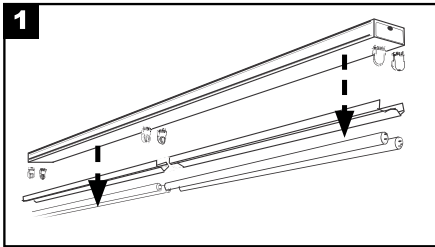
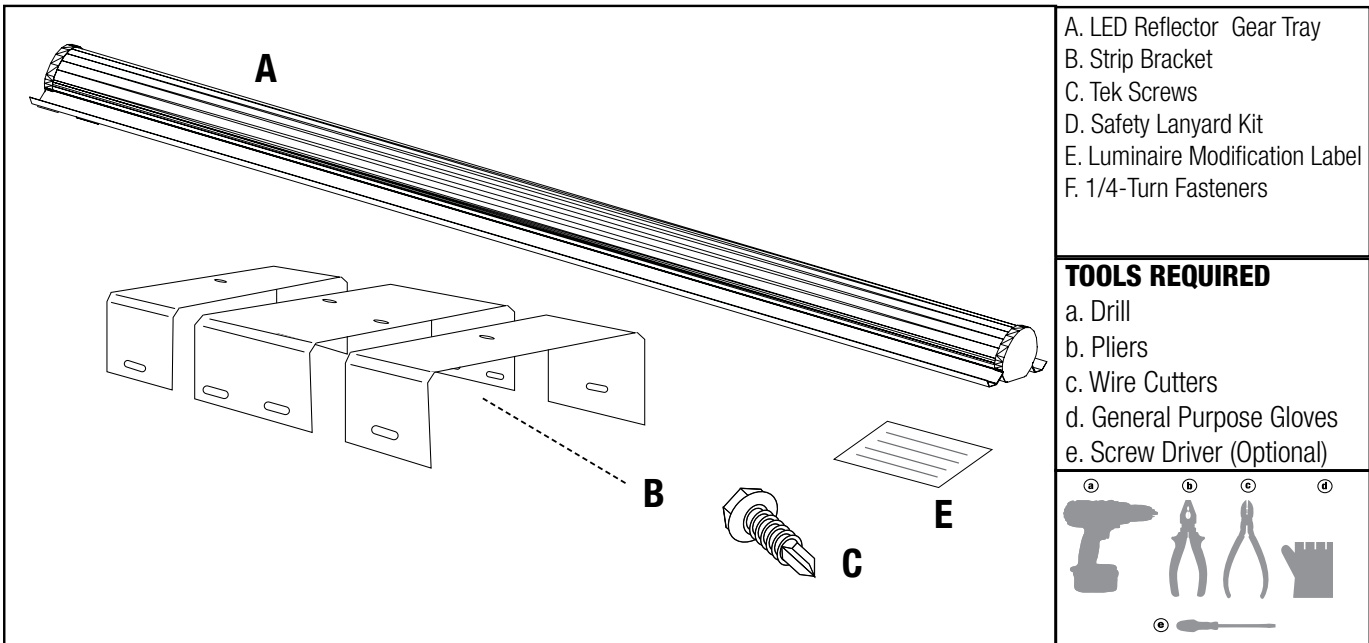
0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V Dimming, follow the wiring directions as in fig. 1.

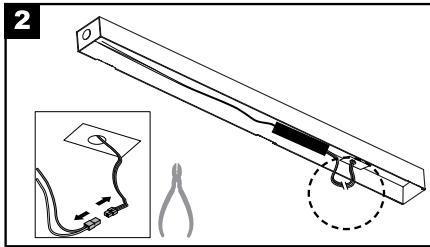
1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.
Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the violet fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.



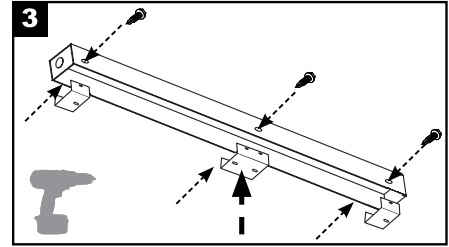
Installation



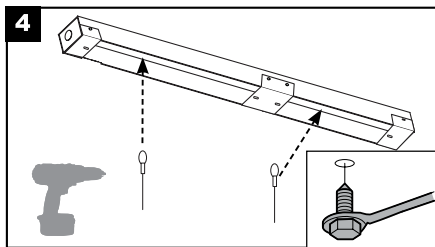
1 Remove lamps, ballast cover/reflector, socket bracket, and lamp holders from existing host strip luminaire.



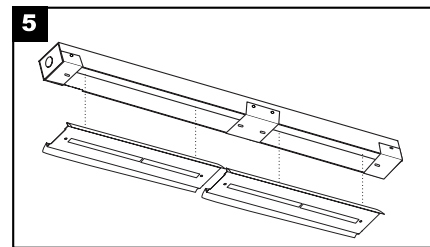
2 Disconnect AC mains from existing ballast. Depending on size and position of existing ballast, ballast may be removed or left intact.



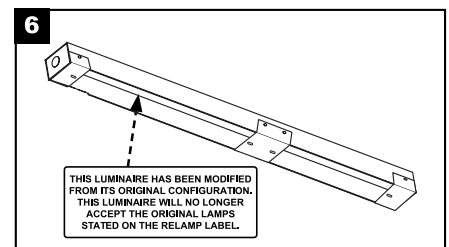
3 Use Self-tapping Tek Screws (C) to fasten Strip Bracket (B) to existing host strip fixture. For 8ft, make sure to align center piece of Strip Bracket with the center line of the host fixture.



4 Secure Safety Lanyard cables (D) by fastening self-tapping tek screws (C) to existing strip housing. Make sure to feed tek screws through safety lanyard washers before fastening. Clip opposing end of safety cable to Gear Tray (A).

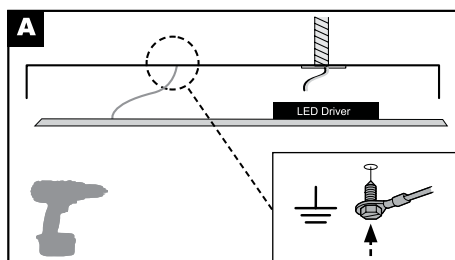


5 Clip opposing end of safety cable to Gear Tray (A). Use (2) Safety Lanyards for each 4-ft. gear tray section. Hang gear tray with safety cable in order to make electrical wire connection.



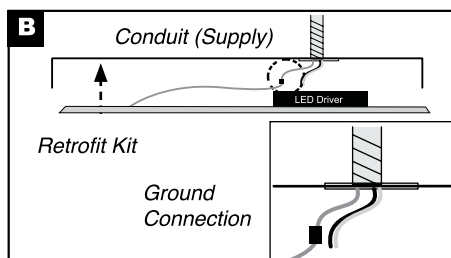
6 Place Label (E) inside existing host strip housing.

7 Ground Connection



OPTION A:

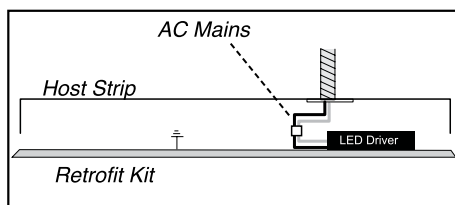
Securely fasten ground screw lead from Gear Tray (B) to host strip fixture if host strip is grounded.



OPTION B:

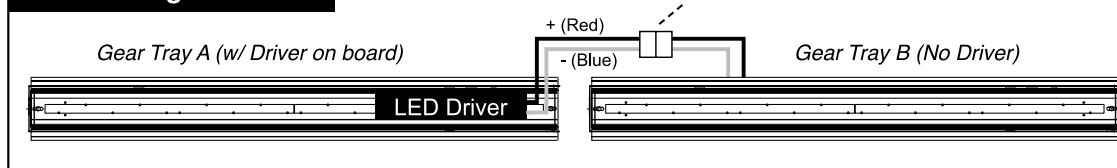
Connect ground from Gear Tray (B) to supply ground lead from conduit.

8 Electrical Connection

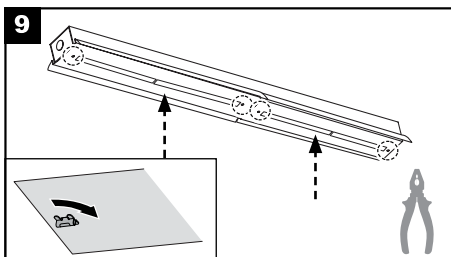


Follow instructions and wiring diagram on Page 2 to connect AC mains to Gear Tray input leads. Retrofit kit comes equipped with quick disconnect. Hide wires behind Gear Tray. Ensure leads do not hang out of Gear Tray to avoid electrical wiring being clamped between metal parts.

LED Wiring for 8ft



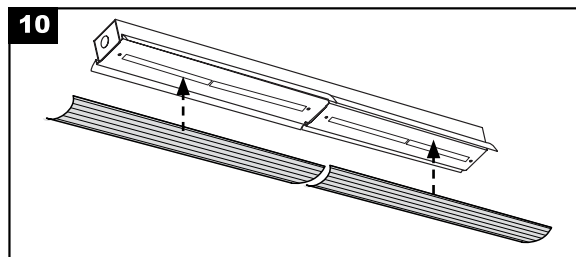
For 8ft. kit, the kit will come with (2) LED Gear Trays (A and B). Gear tray A will have a driver. Connect output leads from Driver located on Gear Tray A to the leads on Gear Tray B by plugging in connector. Ensure leads are connected correctly: Red (+) and Blue (-) from Driver to LED modules.



Push Gear Tray towards Strip Brackets so that the Gear Tray sits afresh with the brackets and strip housing. Make sure the slots of the gear tray and brackets are aligned. Fasten Gear Tray by inserting and turning 1/4-turn fasteners (F) 90°.



DO NOT TOUCH LED



Remove protective packaging from LED modules and lens. Place Lens Diffuser onto retrofit kit by squeezing sides of Lens Diffuser and inserting edges into grooves of Gear Tray. Lens may need to be adjusted by squeezing sides or pressing the face of the lens.

SAFETY INSTRUCTIONS

WARNING: Risk of fire or electric shock. Suitable for Damp locations.

WARNING: Suitable for 9/16 or 15/16 Flat Tee Grid in both Insulated Ceilings and Non-Insulated Ceilings.

WARNING: Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.

WARNING: Vapor barrier must be suitable for 90 °C.

WARNING: Fixture to be independently supported to building structure.

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean lens & fixture with non-abrasive cleaning solution.
2. Do not open fixture to clean the LEDs. Do not touch the LEDs.

TROUBLESHOOTING

1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Be sure the fixture is grounded properly.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation, operation or maintenance.