

GTR-WP-XXXX-XX-XX-XX-UVBR Retrofit Kit is designed to be installed into a Wall Pack Luminaire with the construction as shown in the figures, with minimum dimensions of 36.3cm x 22.9cm x 18.5cm / 14.3 in x 9 in x 7.3 in

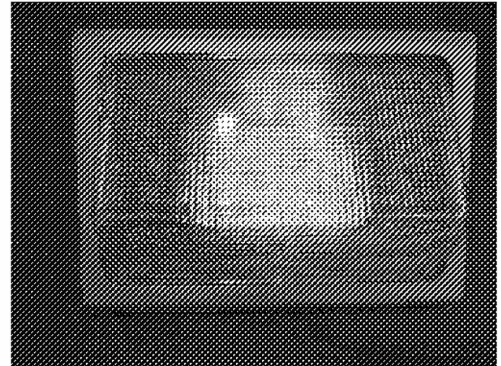


⚠ IMPORTANT - READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- ◆ **WARNING** – Risk of fire or electric shock. LED retrofit kit installation requires knowledge of HID lighting luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- ◆ **WARNING** - Risk of fire or electric shock. Install this retrofit kit only in luminaires indicated in the installation instructions that have the construction features, dimensions and model number shown in the photographs and/or drawings.
- ◆ Do not make or alter any open holes in an enclosure or electrical components during kit installation.
- ◆ **WARNING** –To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- ◆ “This luminaire has been modified and can no longer operate the HID lamp” shall be marked on the retrofit luminaire where readily visible by the user during normal maintenance.
- ◆ Failure to install this product in accordance with the National Electric Code (NEC), or the Canadian Electrical Code (CSA 22.1), all applicable Federal, State and local electric codes as well as the specific Underwriters Laboratories (UL) safety standards for the installation, location and application may cause unsafe situations leading to serious personal injury, death, property damage and/or product malfunction.
- ◆ To avoid electric shock or component damage disconnect power before attempting installation or servicing.
- ◆ Avoid looking directly into the light beam with unprotected eyes as the intensity of the beam may damage the eyes.
- ◆ LED Retrofit Kit has been properly packaged to protect it during transit. Unpack, inspect and notify shipping agent and instructor if any damage is found.
- ◆ Save these instructions after installation of the LED retrofit kit.
- ◆ For use with luminaires with a glass lens only.

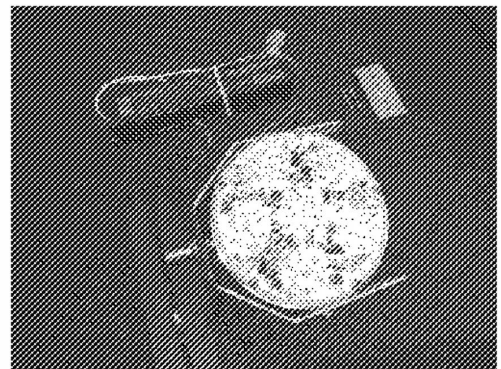
GTR-WP-5498-XX-XX-XX-UVBR Retrofit Kit Product Description (This kit comes pre-assembled):

- 1 each - LED engine model # GTSOL5498
- 1 each –LED Driver model # LV-100-24N-UNV-I, LV150-24N-UNV-BB, T1UNV024V-100LE and EUV-150S024ST
- 1 each – universal mini mounting bracket model # GTP-UNVBRM
- 1 each – Driver mounting plate with (2) 8/32” x 1” screws
- 1 each – Installation Sticker to place in luminaire. Required after rewiring of luminaire.
- 5 each – WAGO 222-413 connectors.
- 2 each- Security screws (for orders requesting mounting below 12ft from the ground plane)



GTR-WP-M21-XX-SV-XX-XX-UVBR Retrofit Kit Product Description (This kit comes pre-assembled):

- 1 each - LED engine model # GTSOLM21
- 1 each –LED Driver model # LV60-24N-UNV-F
- 1 each – universal mini mounting bracket model # GTP-UNVBRM
- 1 each – Driver mounting plate with (2) 8/32” x 1” screws
- 1 each – Installation Sticker to place in luminaire. Required after rewiring of luminaire.
- 5 each – WAGO 222-413 connectors.
- 2 each- Security screws (for orders requesting mounting below 12ft from the ground plane)



Required tools and hardware:

- Flat and Philips Head Screwdriver
- Wire Stripper/Cutter
- Wire connectors

GLOBAL TECH LED RETROFIT KIT INSTALLATION GUIDE – GTR-WP-XXXX-XX-XX-XX-XX-UVBR

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INSTALLATION INSTRUCTIONS

Note: This retrofit kit is to be installed in luminaires that are mounted with a minimum of 12 ft. above the ground plane. For luminaires mounted below 12 ft. from the ground plane, 2 Security screw will be provided with the kit.

1. Disconnect power from the supply source prior to installation.
2. Remove all bolts that secure front cover.
3. Remove HID lamp, reflector, socket, wire leads and ballast. Save the screws as they will be used to install the LED retrofit kit. After removal of all components, fixture will appear as shown in Figure 1. The HID lamp is classified as hazardous waste as it contains a small amount of mercury and lead. The lamps must be disposed of in accordance with the Universal Waste Rule published by the EPA on July 6, 1999. Check with state and local authorities for proper disposal. Global Tech LED recommends recycling of spent HID fixtures and components.
4. This LED Retrofit kit is pre-wired. It consists of an LED driver, LED engine, fan and an aluminum mounting plate designed specifically for this fixture. Check the input voltage to ensure that the input power matches the Driver supplied with the LED retrofit kit prior to next steps. The information is clearly marked on the Driver, if it does not match, stop installation and contact Global Tech LED immediately.
5. Attach the driver to the back plate using the supplied bracket and screws. See Figure 2
6. Attach the mounted LED retrofit kit to the fixture using the existing screws saved during the removal of the reflector, socket and driver. Thread the lead and ground wires out through the access port in the back of the fixture See Figure 3
7. (5) Wago 222-413 connectors are included with the installation kit. (connectors are the same principle as a standard wire nut) Simply strip the conductors 12mm, lift the orange lever 90°, push the conductor into the connector and press orange lever down locking the wire into the connection. See Figure 4
8. Connect the White (NEUTRAL) input power wire from the supply source with a white wire of the driver using the included Wago connector. Connect the Black (HOT) input power wire to the supply source with a black wire of the driver using the included Wago connector. Connect the Green (GROUND) wire to the supply source ground wire using the included Wago connector. The grounding of the luminaire housing shall be maintained.
9. Remove the protective plastic lens covering the LED engine. Do not touch the individual LEDs at any time.
10. Close the cover and tighten the luminaire cover screws. For luminaires mounted below 12 ft. from the ground plane, use the 2 security screws included with the kit. See Figure 5
11. Turn on the power to the fixture and verify that the light is illuminated. Do not look directly at the LED light without proper eye protection.

Figure 1

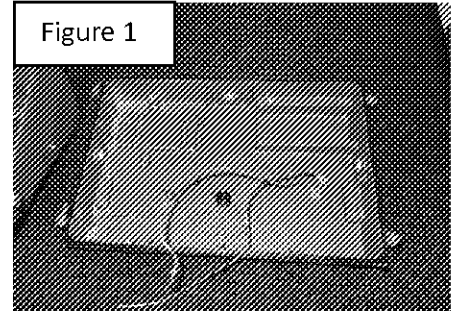


Figure 2

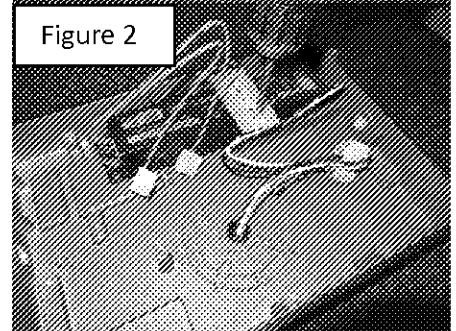


Figure 3

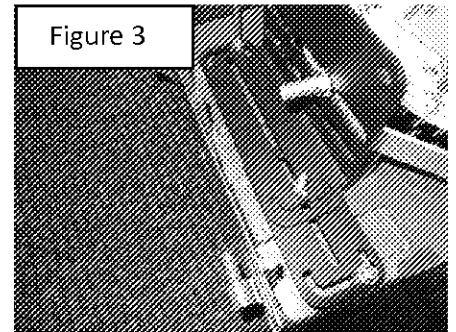


Figure 4

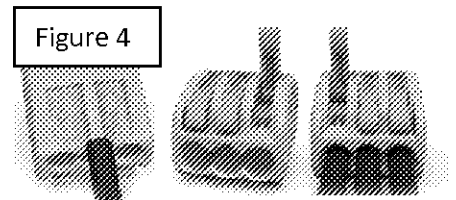
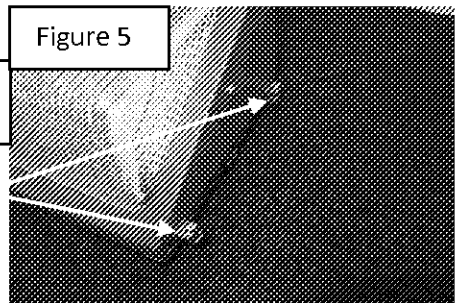


Figure 5

Security screws



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Schematic

