

Important: Read and understand all instructions completely before installing this fixture.

CAUTION — RISK OF FIRE. WARNING: Fixture installation (and use) and all electrical connections must be in accordance with the applicable installation local and National Electrical Codes (N.E.C.) rules, regulations codes and standards by a person familiar with the construction and operation of the product and the hazards involved. If you are unfamiliar with installing fixture(s), accessories and/or electrical wiring have a qualified licensed electrician install this fixture for you. Fixture should be installed by a qualified electrician. Consult a qualified electrician to ensure correct branch circuit conductor.

WARNING: RISK OF SHOCK. House electric current can cause painful shock or serious injury.

WARNING (DANGER - RISK OF SHOCK): Always disconnect power before fixture installation, wiring, or maintenance.

WARNING: Before starting the wire connections, disconnect the power by turning off the circuit breaker or removing the fuse at the fuse panel. Turning the power off using the light switch is not sufficient to prevent electrical shock.

WARNING: Check fixture for input voltage before connecting power to fixture.

WARNING: Before service insure fixture is cool to touch.

DO NOT INSTALL DAMAGED PRODUCT!

For installation use supply conductors rated 90° C. This luminaire must be connected with supply wire rated at 90° C. Most dwellings built before 1985 have supply wire rated at 60° C; consult a qualified electrician before installing.

Do not make or alter any open holes in a wiring enclosure nor any electrical components during kit installation.

WARNING: RISK OF SHOCK. This Luminaire is suitable for Dry Location. TYPE IC (INHERENTLY PROTECTED). Suitable for installation in direct contact with insulation.

Suitable for wet location and for all types of constructions including mounting within 1.2 meters (4 feet) of the ground, use in poured concrete.

Warning: The joint **MUST** be sealed between the mounting surface (e.g., wall, ground, ceiling, etc.) and the fixture with an appropriate sealing / caulking compound to provide a watertight seal. Seal all conduit opening(s) and opening(s) from water entry. Before service ensure fixture is cool to touch. Always ensure that all gaskets and sealing surfaces are free of dirt and debris.

Suitable for wall applications only. (No ceiling and in-grade applications).

Do not use this products/luminaire located where elevated ambient temperatures exist.

Periodically check and keep fixture free of dirt and debris (e.g.: snow, ice, dust, cobwebs, etc.).

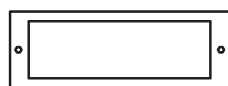
Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc.) with LED fixture(s)/LED driver(s) on a single circuit.

Do not use any other electrical equipment (example: surge protector photocell, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

Install remote surge protector(s) (by others, goes on the circuit with nothing between the surge protector and the LED fixture(s)/LED driver(s)), if the fixture is not already installed with a surge protector, to help remove power surges that may harm LED fixture(s), appropriate for the installation. Periodically check and make sure that your remote surge protector(s) are in good working order.

Faceplate Sizes:



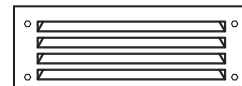
SL600 (2 hole)
(9-1/4" W x 3-3/8" H x 5/16" Thick)



SL630 (2 hole)
(9-1/4" W x 3-3/8" H x 5/16" Thick)



SL632 (2 hole)
(9-1/4" W x 3-3/8" H x 5/16" Thick)



SL632-4H (4 hole)
(10-1/4" W x 3-15/16" H x 5/16" Thick)

Fixture Installation:

1. Make sure supply wiring is in place before mounting fixture.
2. Remove Faceplate, Lens, Reflector and/or Brackets, and/or Gear Tray (as needed) to expose mounting holes on housing.
3. Use housing to mark mounting location on mounting surface, as required (see Sheet 2 of 2 for using Hanger Bars).
4. Make sure all parts/gear tray parts fit in housing before final installation of housing.
5. Mount luminaire housing securely flush to mounting surface. Do not mount fixture housing below mounting surface. (see FIG. 1, Installation Position diagram below right). Use fixture cover with screws (not shown), as needed, to block out debris / concrete while installing housing.
6. Connect the supply wiring to the fixture. See "Wiring" instructions at right.
7. Replace Gear Tray Assembly and reflector, as needed.
8. Install Lamp. See "Lamp Installation" at right and replace Faceplate, all parts by reversing the process in step 2 above. Make sure faceplate fits completely on housing and screws are tightened securely and evenly to prevent water entry. Do not over tighten screws.

Wiring Fixture:

WARNING: Check fixture for input voltage before connecting power to fixture.

WARNING: Always disconnect power before wiring, or maintenance.

This luminaire must be connected with supply wire/conductors rated at 90° C. Most dwellings built before 1985 have supply wire rated at 60° C; consult a qualified electrician before installing.

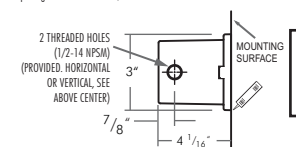
1. Connect ground wire (green or bare copper/aluminum) from the supply circuit to the ground wire (green or bare copper) /screw/connector from the luminaire.
2. Connect the neutral (common) wire from the power supply to the neutral wire from the luminaire.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the luminaire.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.
5. For Dimming wiring see Liton web site.
6. If fixture is using an internal photocontrol/photocell device please see manufacturers photocontrol/photocell instruction for wiring supply circuit to the photocontrol/photocell in the fixture.

LED Installation / LED Replacement:

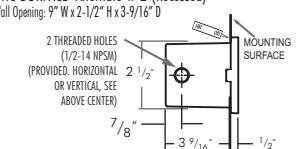
1. **Warning:** Always disconnect power before wiring, or maintenance.
2. Remove faceplate by loosening screws on the front of the fixture.
3. Check the inside of the fixture for the proper LED lamp before LED lamp in LED Gear Tray (in fixture). Do not use any other lamp or LED Gear Tray other than specified within the fixture.
4. If replacing LED lamp or LED Gear Tray reverse the process in steps 3 above.
6. To Replace Faceplate, Lens and screw reverse the process in step 2 above. Make sure faceplate fits completely on housing and screws are tightened securely and evenly to prevent water entry. Do not over tighten screws.

INSTALLATION POSITION (Shown Horizontal) FIG 1

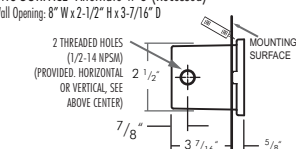
MOUNTING SURFACE #1 (Flush)
Recessed Wall Opening: 9" W x 3" H x 4 1/16" D



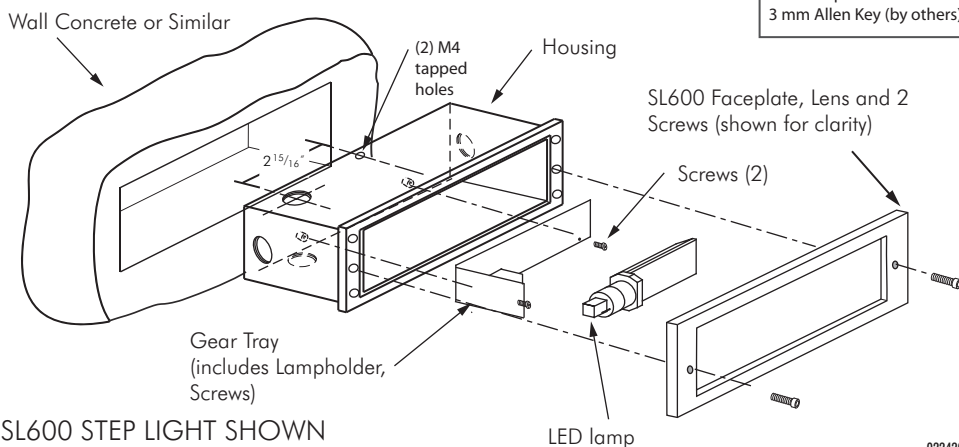
MOUNTING SURFACE Alternate #2 (Recessed)
Recessed Wall Opening: 9" W x 2-1/2" H x 3-9/16" D



MOUNTING SURFACE Alternate #3 (Recessed)
Recessed Wall Opening: 8" W x 2-1/2" H x 3-7/16" D



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SL600 STEP LIGHT SHOWN

(Typical installation. Your installation may differ)

KT0086 BOX WITH HANGER BARS INSTALLATION (using below KT0086 box with hanger bar only, order separately)

NOTE: Makes sure to follow "FIXTURE INSTALLATION" steps 1, 2 and 3 (SHEET 1 OF 2) before installing KT0086 box with hanger bar (see A, B and C below).

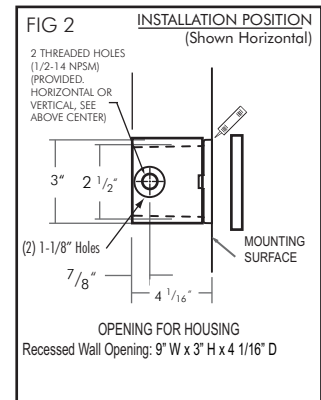
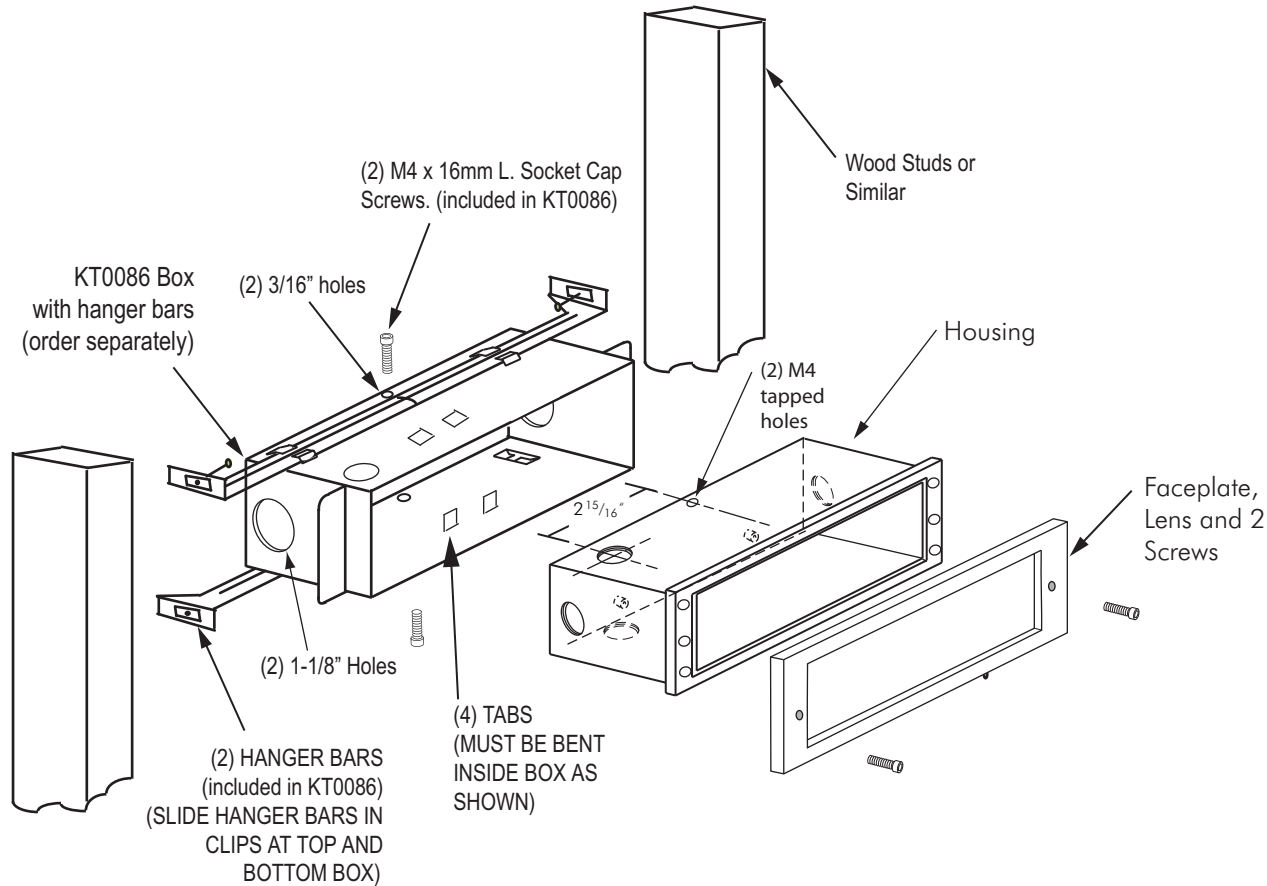
A) Slide both hanger bars (as shown below) into KT0086 box from the side.

B) Slide housing in box and secure with (2) M4 x 16mm L screws on top and bottom of box.

C) Mount KT0086 box to wood joist / or similar using the hanger bars with housing inside. Ensure that the wall opening is in desired location by adjusting hanger bars (hanger bar adjust from 13-2/4" to 25" wide, see below).

Return to "FIXTURE INSTALLATION" step 4, SHEET 1 OF 2.

- KT0086 box with hanger bars only (order separately)



Required Tools:
3 mm Allen Key (by others)

SL600 STEP LIGHT SHOWN

(Typical installation. Your installation may differ)