

CATALOG #: SL120

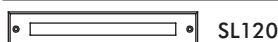
READ AND UNDERSTAND ALL INSTALLATION INSTRUCTIONS BEFORE INSTALLING FIXTURE!  
**SAVE THESE INSTRUCTIONS**

• **Danger:** Always disconnect power before wiring, or maintenance. Fixture must be installed by a qualified electrician. Do not install in locations where water collects and/or stands for prolonged periods of time. Fixture must always be installed according to local and national electrical codes, rules & regulations. Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

• **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.

LED fixture(s), LED driver(s) and LED electrical components are more precise electrically than standard non LED products (e.g. Incandescent, Compact Fluorescent, H.I.D., etc.). Please follow the following guidelines/requirements when installing LED fixture(s)/LED driver(s).

1. Install LED fixture(s) and/or LED driver(s) only on their own circuit. Do not mix any other non LED products/fixtures (e.g., Incandescent, Compact Fluorescent, H.I.D., etc.) with LED fixture(s)/LED driver(s) on a single circuit.
2. Do not use any other electrical equipment (e.g., surge protectors, photocells, 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).
3. Use GFCI's (by others) on each circuit (per installation instructions) appropriate for the installation.
4. 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 in 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.



- FOR WET LOCATION, POURED CONCRETE, MOUNTING WITHIN 1.2 M (4 FEET)  
 OF THE GROUND, TYPE IC AND TYPE NON-IC INSTALLATION -

**Fixture Installation:**

1. Make sure supply wiring is in place before mounting fixture.
2. Remove M5 screws in Faceplate and Housing Assembly (see below) from Outer Housing using M3 Allen Key/Wrench (by others) to expose mounting holes on Outer Housing (FIG. 2).
3. Use Outer Housing to mark hole location on mounting surface.
4. Make sure Faceplate and Housing Assembly with wiring fit in Outer Housing before final installation of Outer Housing.
5. Connect the supply wiring to the cord. See "Wiring" instructions at right.
6. Mount Outer Housing securely flush to a mounting surface in concrete, etc. Support Outer Housing in hole from rear with screws (by others) and solid substrate using holes in Outer Housing, as required (FIG. 2). Do not mount Outer Housing below mounting surface. (FIG. 1, Installation Position diagram below right).
7. Replace M5 screws in Faceplate and Housing Assembly and install in Outer Housing. Make sure faceplate fits completely on Outer Housing and screws are tightened securely. Do not over tighten screws.
8. If using Stainless Steel Faceplate cover (see below) place Stainless Steel Faceplate over fixture's Faceplate and use existing M5 screws to mount Faceplate and Housing Assembly in Outer Housing.

**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. If connections are in location where water / moisture are located an outdoor junction box (by others) or other water resistant enclosure (e.g. wire nuts) may be needed.
  5. For Dimming wiring see Liton web site.
  6. If fixture is connected to a remote photocontrol/photocell and/or surge protector device (by others) please see manufacturers instructions for wiring supply circuit to the fixture.

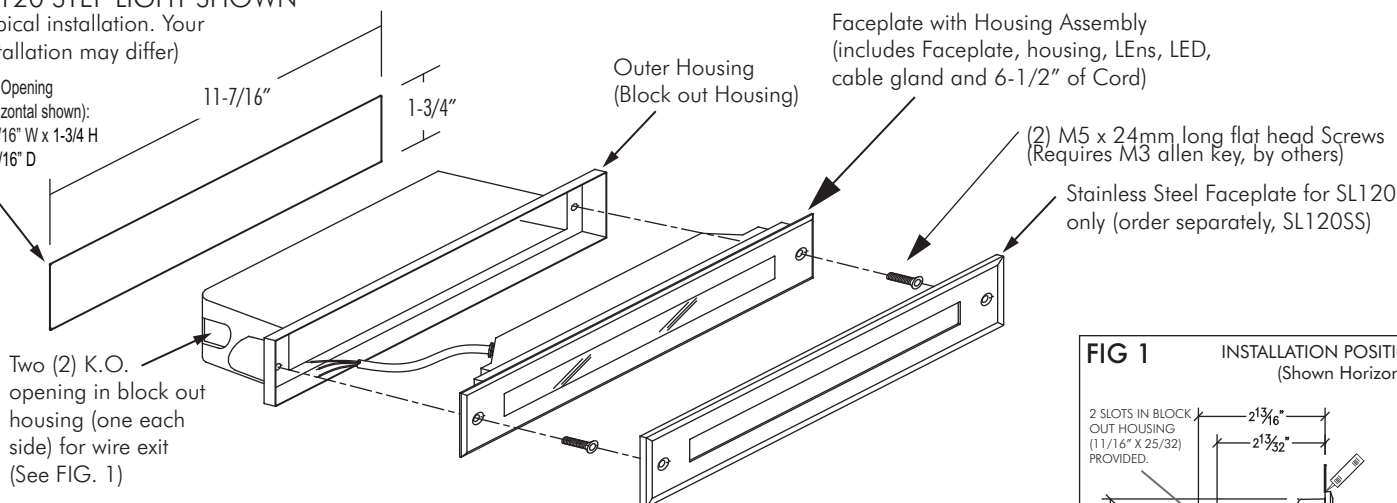
**LED Installation / LED Replacement:**

Consult Liton Lighting for LED and/or LED driver in replacement.

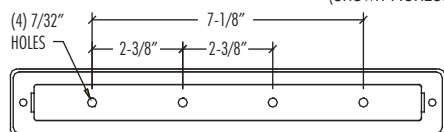
**SL120 STEP LIGHT SHOWN**

(Typical installation. Your installation may differ)

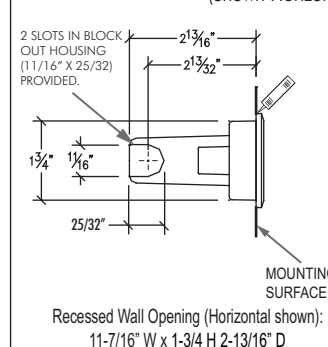
Wall Opening  
 (Horizontal shown):  
 11-7/16" W x 1-3/4" H  
 2-13/16" D



**FIG 2 REAR VIEW : OUTER HOUSING MOUNTING HOLES**  
 (Shown Horizontal)



**FIG 1 INSTALLATION POSITION**  
 (Shown Horizontal)



Required Tools:  
 3 mm Allen Key (by others)

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