

11218-DIR INSTALLATION INSTRUCTIONS

READ AND UNDERSTAND ALL INSTALLATION INSTRUCTIONS BEFORE INSTALLING FIXTURE!

SAVE THESE INSTRUCTIONS

Important: Please 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 must be installed by a qualified electrician.

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.

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.

WARNING: Before service insure fixture is cool to touch.

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

Consult a qualified electrician to ensure correct branch circuit conductor.

DO NOT INSTALL DAMAGED PRODUCT!

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

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).

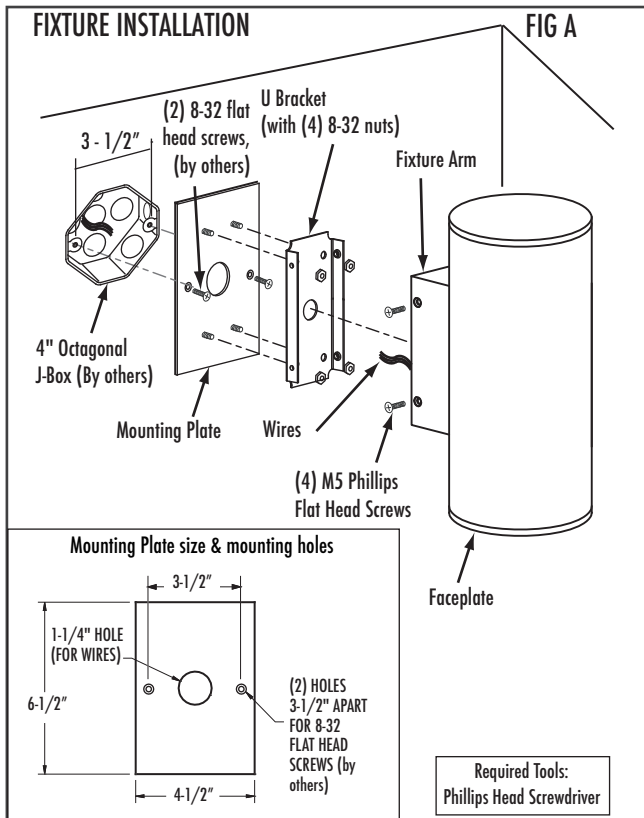
WARNING:

1. 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.

2. 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).

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

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 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.



Fixture Installation: (NOTE: 11218-DIR fixture may be installed pointing up or down)

1. Make sure supply wiring is in place before mounting fixture.
2. Mounting Plate installs directly to a 4" octagonal j-box. Make sure that mounting surface and/or j-box (etc.) can support fixture before installing fixture on mounting surface.
3. Remove U Bracket and Mounting Plate from Arm to expose mounting holes on Mounting Plate (see left, FIGURE A).
4. Use existing holes in Mounting Plate and mount Mounting Plate to a 4" octagonal j-box (by others) with 8-32 flat head screws (by others, FIGURE A) and tighten securely. If drilling new holes in Mounting Plate to mount Mounting Plate to a different j-box or directly to mounting surface make sure hardware (by others) on Mounting Plate do not interfere with the U Bracket and/or Arm mounting flat (or flush) to the Mounting Plate. Cover newly exposed metal on the Mounting Plate with an outdoor paint to protect it from the elements (appropriate for the application).
5. Secure U Bracket flat to Mounting Plate with supplied (4) 8-32 nuts and tighten securely.
6. Connect the supply wiring to the fixture. See "Wiring Fixture" instructions below.
7. Mount fixture arm securely on U Bracket with four (4) flat head M5 screws and tighten securely.
8. Seal all holes/openings from water entry to junction box, wires, and/or fixture (e.g., Mounting Plate to mounting surface and Mounting Plate to Arm).

Wiring Fixture:

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

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 **wiring diagram**.
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.