

Guidelines to Ensure a Smooth Installation

- 1 Take the time to read all the instructions. All of them! Call Jarvis Lighting BEFORE starting installation if any steps are unclear.
- 2 A 3" diameter circular hole is required in canopy deck for proper install. Make sure hole is drilled with appropriate hole saw. Remove any burrs.
Note: Do not cut rectangular hole. A rectangular hole is not easy to seal and may lead to leaks.
- 3 If self-drilling screws are used to attach canopy luminaire to canopy deck, use a high quality silicone caulk on top of the canopy to seal each screw.
- 4 When attaching the locking ring, make sure to include the rubber gasket. Ensure all screws are fully tightened and torqued appropriately (10-15ft-lbs).
- 5 Make sure conduit is fully tightened into threaded hub on canopy luminaire. Not doing so may lead to conduit leaks.
- 6 Make sure a wet location wiring box is installed for electrical make-up. Leaving conduit open or use of non-wet location wiring box will lead to leaks and void fixture warranty.
- 7 Make sure dimming leads are capped separately if not used. Failing to cap the dimming leads or tying them together will cause fixture to function incorrectly.

**For further detail and explanation, refer to detailed installation instructions.
Failure to follow installation instructions may void fixture warranty.**

FlexBeam Series (FLX)

Installation and Assembly Instructions



WARNING

Risk of fire, electric shock, injury or property damage

Risk of electric shock - Disconnect power to equipment before installing or servicing.

This equipment must be installed according to all applicable codes & ordinances. Installation and service of this equipment must be performed by qualified service personnel. Do not install damaged equipment.

Read these instructions before installing, servicing or maintaining this equipment.

Save these instructions for maintaining and servicing.

CAUTION

Failure to follow instructions could result in damage and void warranty. Altering equipment could result in damage and void warranty.

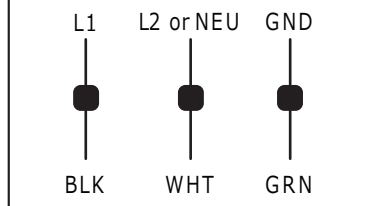
Sharp edges may cut. Always wear gloves when handling and installing, handling or servicing this equipment.

Inspect materials for damage from shipping and handling.

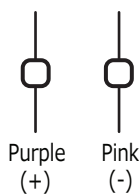
WIRING INFORMATION

WIRING CONNECTIONS

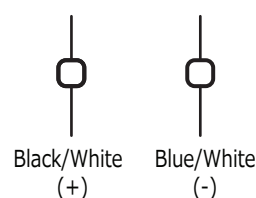
SUPPLY CIRCUIT



0-10V Dimming Control

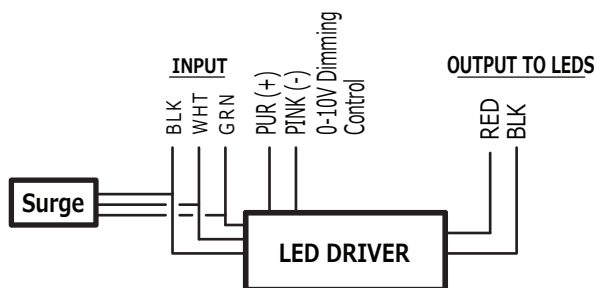


12V AUX Control

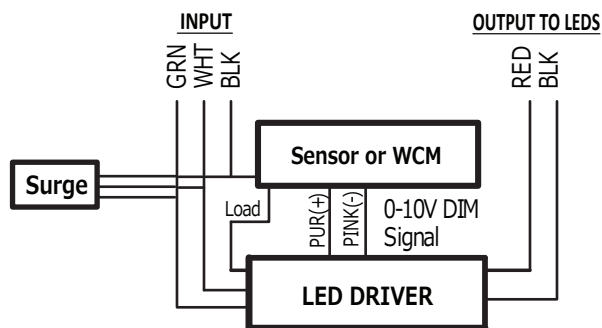


FIXTURE/EQUIPMENT

STANDARD FIXTURE/EQUIPMENT SCHEMATIC



FIXTURE/EQUIPMENT w/SENSOR OPTION



FlexBeam Series (FLX)

Installation and Assembly Instructions

WARNING! Disregarding this information could result in electrical shock and/or possible injury to individual installing or servicing this luminaire. Before Installation, read as follows:

Delivery:

Inspect materials upon receiving for damage or missing parts. Contents contain luminaire and four (4) accessory kits, packaged individually. Make sure that the catalogue nomenclature on packing slip matches the product label.

WARNING! Do not install damaged product. Any damaged or broken component during or after assembly should be replaced.

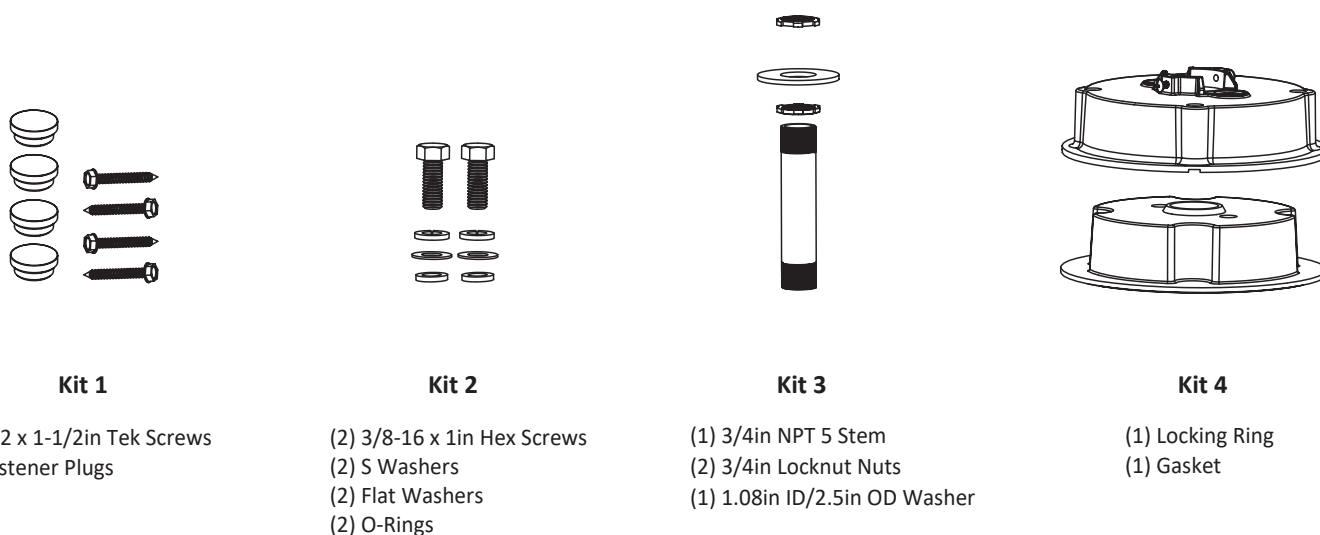
Tools Required:

- 3/16" Hex key
- 5/16" socket
- 9/16" socket nut driver
- Pipe Wrench

STEP 1: UNPACK LUMINAIRE

- Remove luminaire from carton. Review and confirm all electrical data and product labels.
- Confirm input voltage rating is compatible with available supply voltage.
- Make sure supply power is turned **OFF** prior to Installation. Installing with live supply voltage is dangerous and may damage the fixture, and will void warranty.
- If utilizing High Output Modules (sold separately), install modules before moving on to Step 2. See High Output Module installation instructions which are included with the High Output Modules.

Figure 1



FlexBeam Series (FLX)

Installation and Assembly Instructions

STEP 2: PREPARE BELOW CANOPY

- Use a 3" hole saw to create a 3" diameter round hole in canopy deck. Make sure edge of hole is free of tears and burrs.

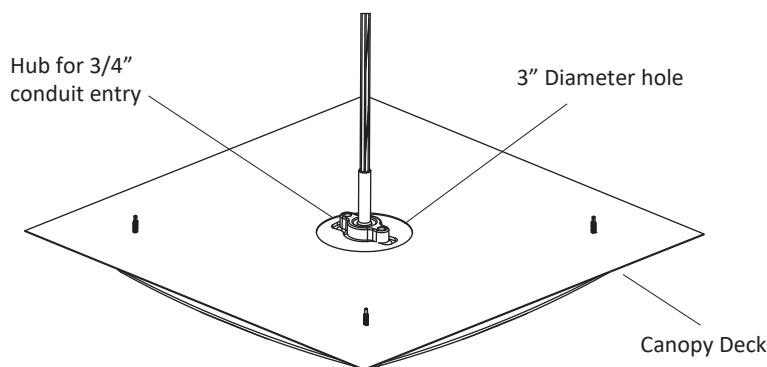


Figure 2

WARNING! Do not cut square or rectangular access openings. Incorrectly shaped access opening may compromise seal and allow water to pass through of canopy.

- Line up luminaire to circular hole in canopy deck. Ensure luminaire is fully seated and flush with canopy deck surface.
- (Optional) Use four (4) (Tek screws #12 x 1-1/2in) self-drilling fasteners (provided with luminaire) to attach luminaire to canopy deck. Ensure fasteners are snug. Do not over-tighten to prevent potential strip out. Recommend the use of provided TEK screw fasteners to prevent the possibility of canopy sag over time. If TEK screws are not used, proceed to Step 3.
- (Optional) Insert four (4) fastener plugs (provided with luminaire) to cover fastener holes. Ensure plugs are snug fit.

WARNING! If electrical connections are made at a later date from luminaire installation, ensure conduit entry on housing is covered to prevent potential moisture entry into luminaire.

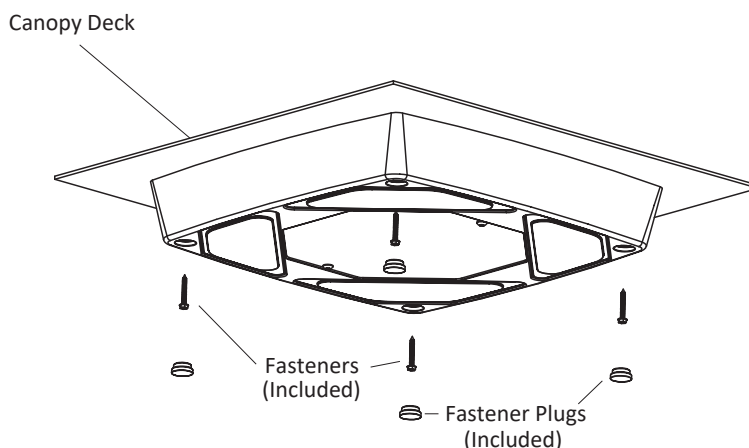


Figure 3

* Fasteners provided with fixture assembly for single deck steel canopies specifically. Suitability, strength, and installation workmanship of fasteners for any canopy/surface is the ultimate responsibility of the installing contractor. Other suitable fasteners may be required-provided by others

FlexBeam Series (FLX)

Installation and Assembly Instructions

STEP 3: PREPARE ABOVE CANOPY

- IF TEK screws are used to mount luminaire to canopy deck, ensure all fastener penetrations above canopy deck are sealed with suitable weatherable sealant/caulking (sealant/caulk provided by others).
- Place the gasket and locking ring on the canopy deck. Ensure silicone gasket is placed inside locking ring, prior to install.
- Feed luminaire conductors through gasket and locking ring.
- Thread two (2) 3/8-16 x 1in hex screws until they bottom in the luminaire assembly and tighten.

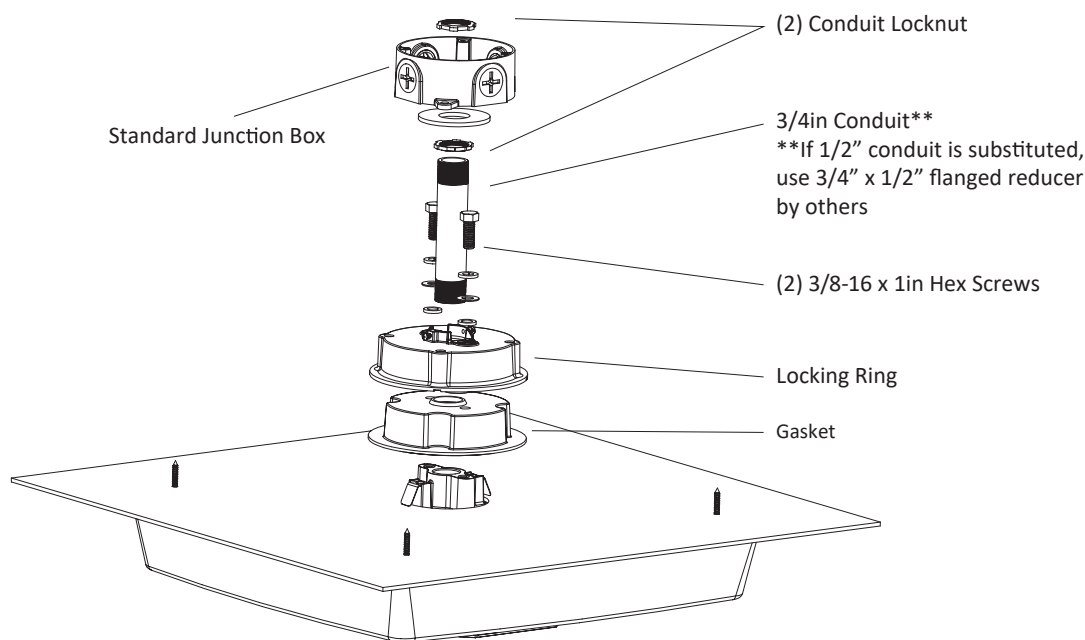


Figure 4

- Feed conductors through conduit
- Screw conduit into threaded luminaire housing. Make sure to thread 3/4in conduit threads into the housing and torque to ensure seal. Make sure not to twist conductors while threading.
- Use two (2) conduit nuts to assemble wet location rated wiring box or other suitable wet location junction box to the conduit.

WARNING: If electrical connections are made at a later date from luminaire installation, ensure conduit stem is covered to prevent potential moisture entry into fixture.

- Connect luminaire wires to appropriate supply leads using properly sized connectors (supplied by others). Refer to wiring diagram.
- Make sure wires are not damaged or pinched when tucking them in the junction box.