

FSWA - 4D

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

PacLights fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNINGS:

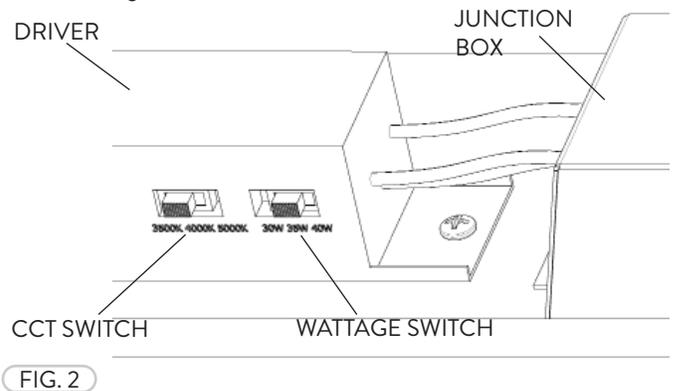
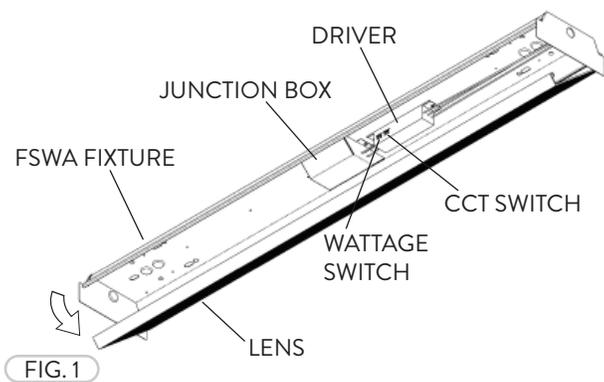
- Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.

CAUTION:

- For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly. Apply weatherproof silicone sealant around the edge of the Back Box and/or Junction Box. This is especially important with an uneven wall surface. Silicone all plugs and unused conduit entries.

FIELD ADJUSTABLE CCT (Correlated Color Temperature) & WATTAGE

Remove the Lens to make adjustments to the CCT and Wattage. The CCT Switch and the Wattage Switch are located on the side of the driver inside the FSWA fixture (Fig. 1). The adjustable CCT Switch allows the user to choose a desired color temperature 3500K, 4000K, and 5000K (Fig. 2). The adjustable Wattage Switch allows the user to choose a desired output wattage 30/35/40W (Fig. 2).



WIRING DIAGRAM

Connect the ACL and the ACN from the FSWA Fixture to the conduit with the AC power Supply Cable. Follow the Wiring Diagram provided.

AC POWER SUPPLY



FSWA SURFACE MOUNT

- 1 The Surface Mount for the FSWA fixture requires mounting hardware: Screws, Washers, and Anchors. Carefully remove the Lens and then remove the Knock-outs (4) from the FSWA Housing for the mounting hardware (Fig. 3).

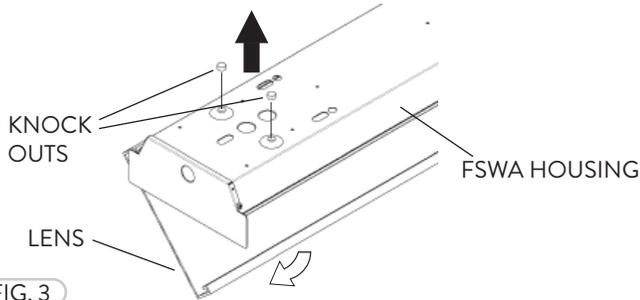


FIG. 3

- 2 Attach the Power Supply Wires. Refer to the wiring diagram. Install the FSWA fixture flush to the Ceiling by securing with plastic twist resistant Anchors, Washers, and Screws. Reinstall the Lens onto the FSWA Housing (Fig. 4).

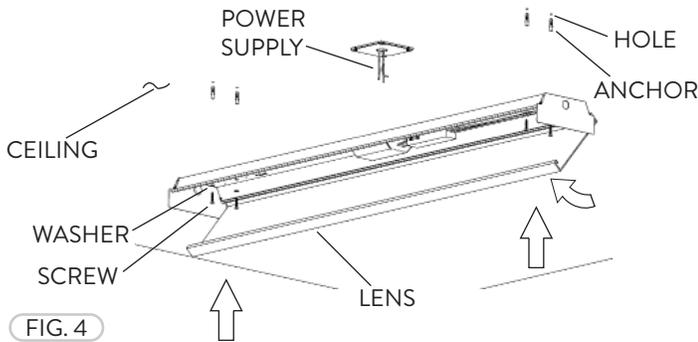


FIG. 4

- 3 Surface Mounted FSWA fixture (Fig. 5).

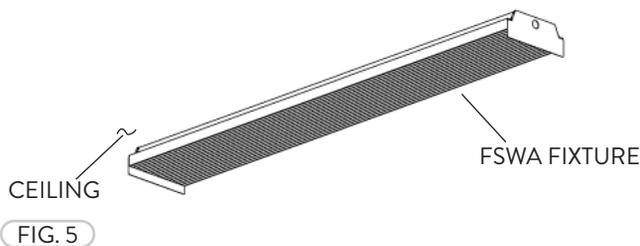


FIG. 5

OPTIONAL FSWA V-HOOK MOUNT

- 1 The V-Hook Mount for the FSWA fixture consists of the V-Hook, Chain, and Chain Latch (Fig. 6).

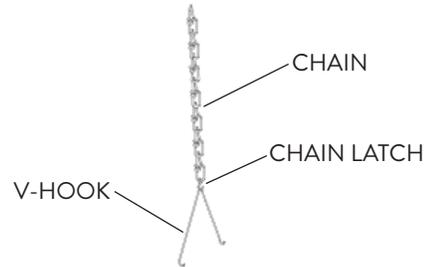


FIG. 6

- 2 Install the V-Hook and Chain Mounting to the Joist/Beam. Lift the FSWA fixture up to the V-Hooks (Fig. 7).

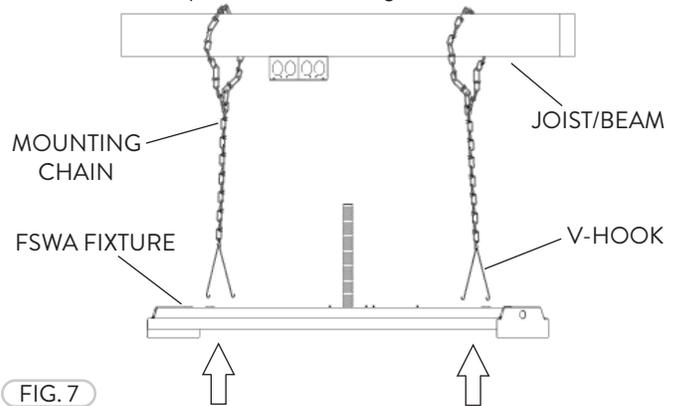


FIG. 7

- 3 Attach the V-Hook to one side of FSWA fixture, then attach the V-Hook to the other side (Fig. 8).

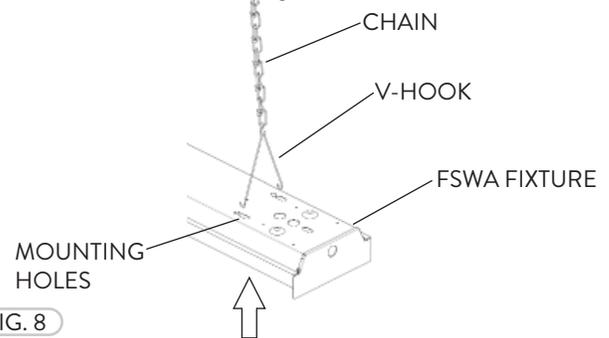


FIG. 8

- 4 Attach the Power Supply. Refer to the wiring diagram. V-Hook Mount with Conduit and Junction Box (Fig. 9).

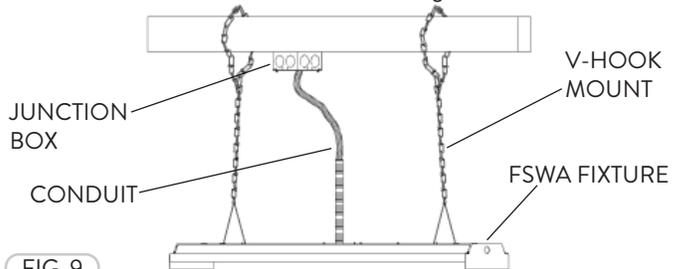


FIG. 9

OPTIONAL FSWA CABLE MOUNT

- 1 The Cable Mount includes an Aircraft Cable pair. Wrap each of the cables around the Ceiling Beam and extend down to the required mounting height (Fig. 10).

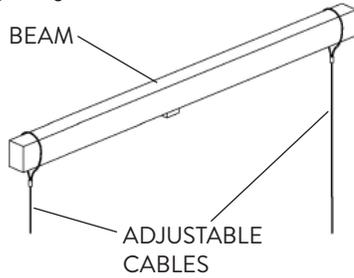


FIG. 10

- 2 Using the Aircraft Cable (with tabs on both ends), insert the tabs into the FSWA fixture Slots on both sides (Fig. 11).

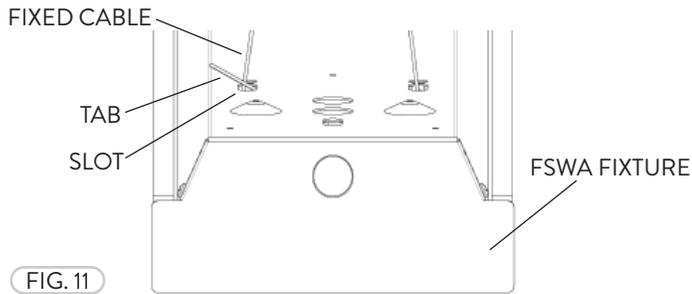


FIG. 11

- 3 Once the tabs have been inserted, the FSWA fixture will be safely secured in place for mounting (Fig. 12).

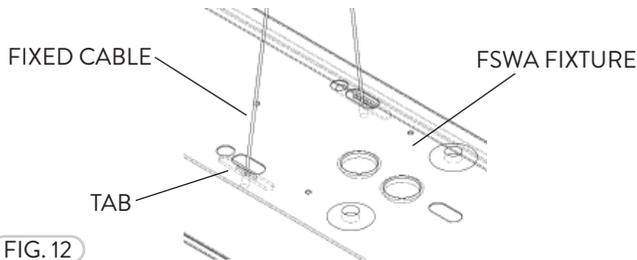


FIG. 12

- 4 The mounting height of the FSWA fixture is adjusted at the Cable Adjuster. This can be done by pushing in the Button on the Cable Adjuster to release the Adjustable Cable and then pulling the short end Cable from the side of the Cable Adjuster to set the length of the Adjustable Cable that is suspended from the ceiling. Remove the Set Screw on the Cable Adjuster using an Allen wrench, insert the Fixed Cable inside the two slotted sides and fasten the Set Screw. This will union the two Cables together (Fig. 13).

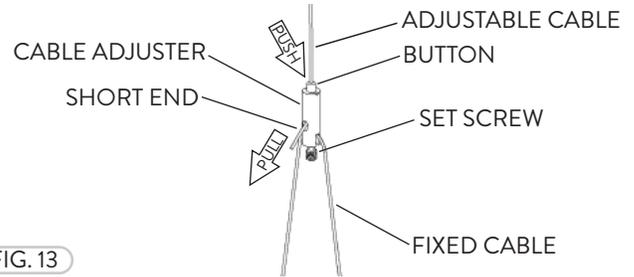


FIG. 13

- 5 Attach the Power Supply. Refer to the wiring diagram. The Cable Mount with Conduit and Junction Box (Fig. 14).

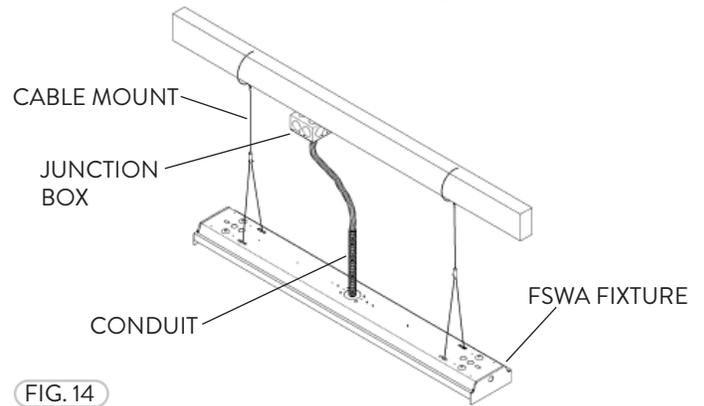


FIG. 14

OPTIONAL BI-LEVEL OCCUPANCY CONTROL

- The integrated Bi-Level Occupancy Control is a programmable microwave motion detector (Fig. 15). The Bi-Level Control is pre-installed. **NOTE:** Subject to availability, might substitute with other sensor models with similar functions.

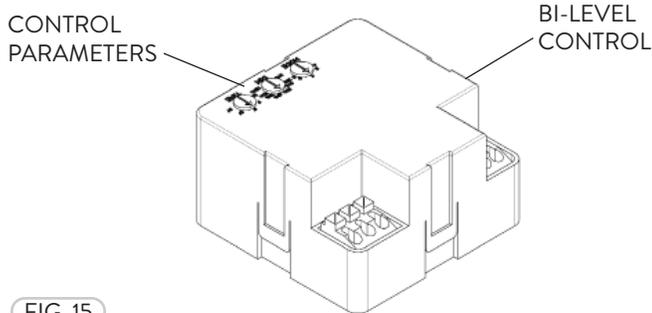


FIG. 15

- The Mounting Bracket is pre-installed and secured to the inside of the FSWA fixture. The Bi-Level Occupancy Control fits directly on the Mounting Bracket (Fig. 16).

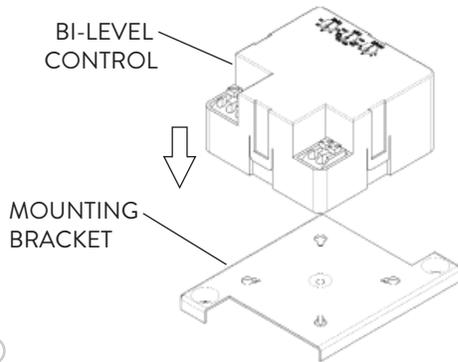


FIG. 16

- The Control Parameters are adjustable on the Sensor or by a wireless Commissioning Device. The Control Parameters allow the user to adjust the Mode (A thru E), Dimming (10% thru 100%), and Time (30 sec thru 30 min) Level (Fig. 17). The Control Modes are given in more detail in the next column.

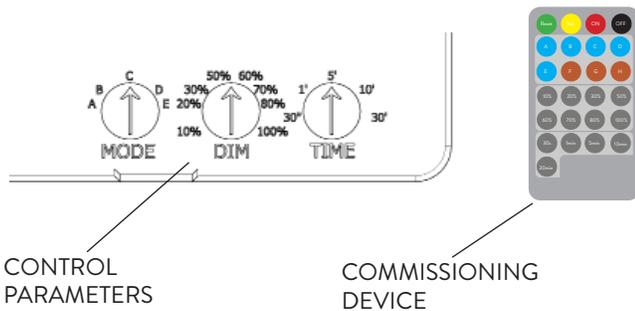


FIG. 17

BI-LEVEL OCCUPANCY CONTROL MODES

MODE A

- Turn OFF the light while ambient light >50 LUX.
- Turn the light to DIM level while ambient light <50 LUX.
- Dim the light to full-ON while occupancy detected.
- Dim the light to DIM level after the delay time elapsed.

MODE B

- Turn OFF the light while ambient light >50 LUX.
- Turn the light to full-ON while ambient light <50 LUX **AND** occupancy detected.
- Dim the light to DIM level after delay time elapsed.
- Turn OFF the light if no occupancy detected within another 1/2 TIME.

MODE C

- Ambient light sensor is disabled.
- Turn the light to full-ON while occupancy detected.
- Dim the light to DIM level after delay time elapsed.
- Turn OFF the light if no occupancy detected within another 1/2 TIME.

MODE D

- Turn OFF the light while ambient light >50 LUX.
- Turn the light to DIM level while ambient light <50 LUX **AND** occupancy detected.
- Turn OFF the light after delay time elapsed.

MODE E

NOTE:

This mode allows visual adjustment to choose the desired Dimming Level.

- If Time rotary is set at maximum, the light turns ON at DIM level.
- If Time rotary is set at minimum, the light turns OFF.
- Note that after turning the Time rotary to change the ON/OFF setting, the unit will not respond to further changes for 3s.