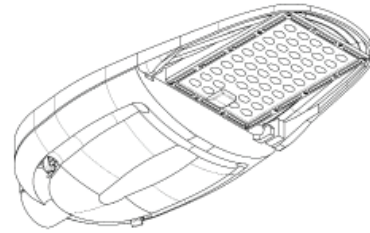


FSTA 03/04/05/06/07/08



FSTA 10/11/12/14/15/17

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.

FSTA INITIAL SET-UP

Install the Short-Cap on the Receptacle correctly. Install the Short-Cap provided by pressing down and twisting CW (Fig. 1). Note: If Photocell Sensor is provided see the following for instructions.

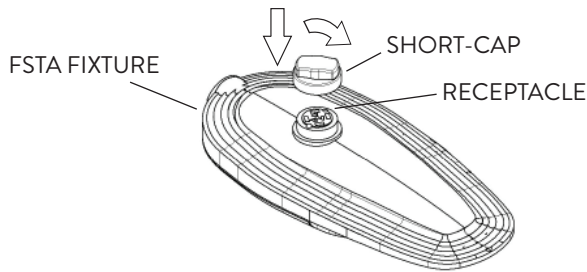


FIG.1

OPTIONAL PHOTOCELL SENSOR

There are two types of Twist-Lock Photocell Sensors available. One of the Photocell Sensors has a Dusk to Dawn functionality. Both Photocell Sensors can be easily installed on all FSTA Fixtures as shown below. Install the Photocell Sensor provided by pressing down and twisting CW (Fig. 2). Note: If the Photocell Sensor is not included the following step can be skipped. If the Photocell Sensor is included prior to field installation, Initial Set-Up can be skipped.

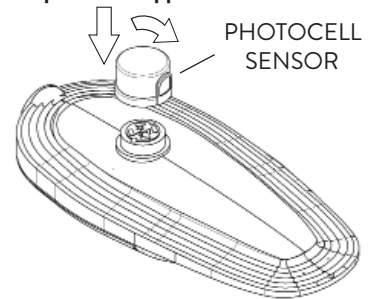
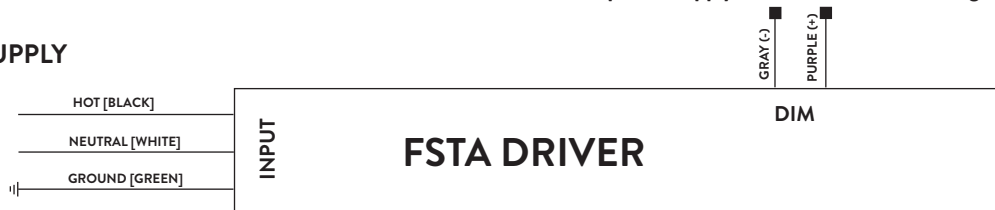


FIG.2

WIRING DIAGRAM

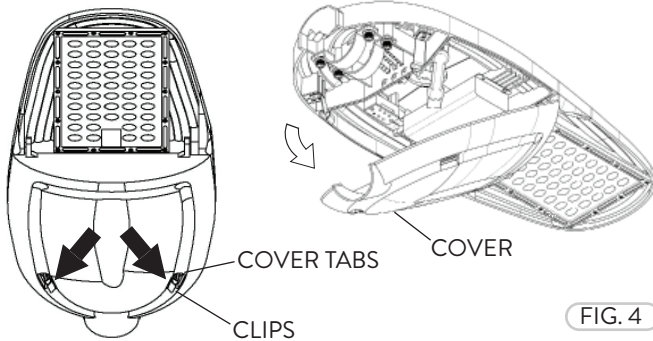
Connect the ACL and the ACN from the FSTA Fixture to the conduit with the AC power Supply Cable. Follow the Wiring Diagram provided.

AC POWER SUPPLY

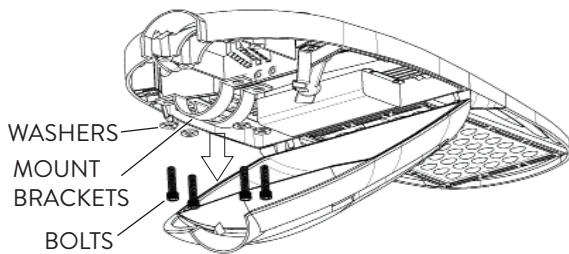


ROADWAY UPSWEEP ARM MOUNTING

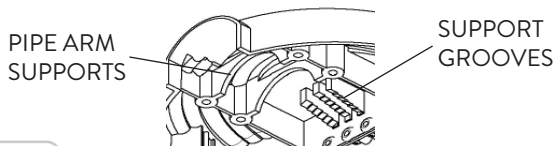
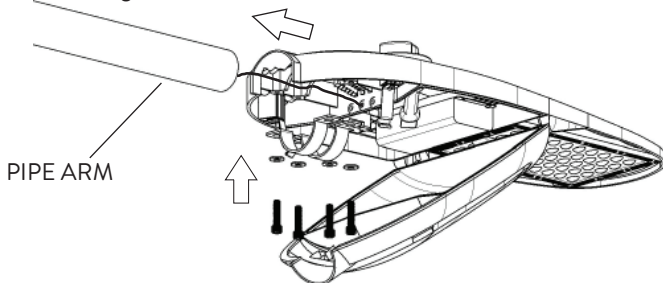
- 1 The FSTA fixture can be Mounted easily to most standard Roadway Upsweep Arms. Press both Clips outwards (Fig. 3) to release from the Cover Tabs to open the bottom Cover of the fixture (Fig 4).



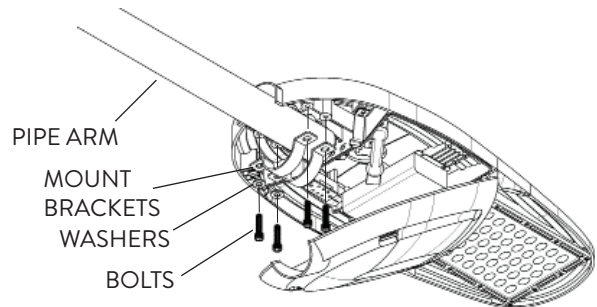
- 2 The 4-Bolt Mount Brackets supplied fits 1" to 2-3/8" OD Pipe Arms. Loosen the bolts or remove if needed (Fig. 5).



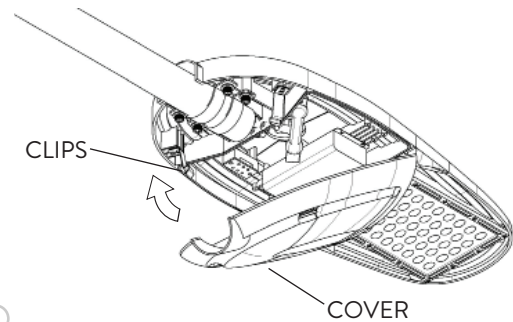
- 3 Install the FSTA Fixture onto the Pipe Arm (Fig. 6). The Fixture has a Support Grooves inside that allows the Pipe Arm to be tilted with respect to the Pipe Arm Supports at the angles: -5°, -2.5°, 0°, 2.5° and 5° (Fig. 7).



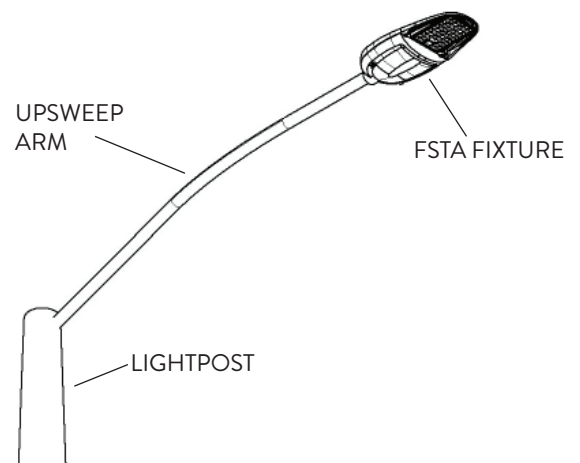
- 4 Set the angle needed then fasten the Bolts to clamp down the Mount Brackets to the Pipe Arm in place to the FSTA Fixture (Fig. 8).



- 5 With the Pipe Arm in place close the Cover by snapping the Clips onto the Cover of the FSTA Fixture (Fig. 9).



- 6 The FSTA Fixture in a typical setting with a Light Post and a Roadway Upsweep Arm (Fig. 10).



OPTIONAL MICROWAVE MOTION SENSOR

The FSTA 10/11/12/14/15/17 fixtures have an Optional Microwave Motion Sensor (Fig. 11). Press both Clips outwards (Refer to Fig. 3) to release from the Cover Tabs to open the bottom Cover of the fixture (Refer to Fig 4).

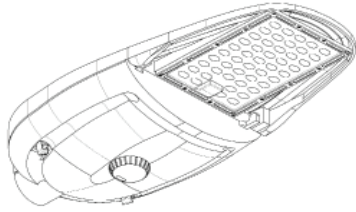


FIG. 11

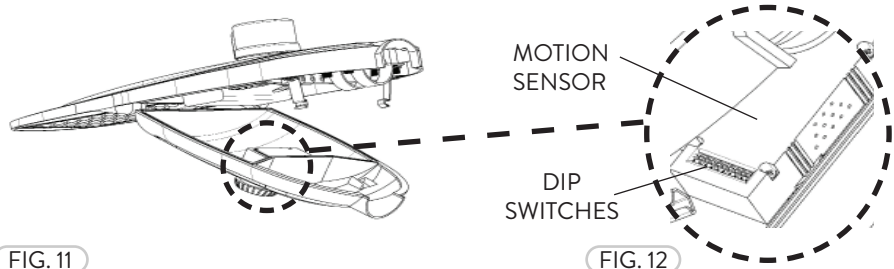


FIG. 12

MICROWAVE MOTION DIP PIN SETTING

Selecting the combination on the Dip Switches (Fig. 12), sensor data can be precisely set for each specific application as seen below.

SENSITIVITY		TIME		LIGHT		STAND-BY		STAND-BY	
1	2	3	4	5	6	7	8	9	10
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
20%	50%	10S	10Min	(disable)	10Lux	0%	10%	+∞	1Min
75%	100%	30Min	60Min	30Lux	50Lux	30%	50%	30Min	60Min

Detection Range Setting (Sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 40ft, pull switch to the ON position as “↑”, pull switch to the OFF position as “↓”, switch location and detection range of the corresponding table above.

Hold Time Setting

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 60min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Pull switch to the ON position as “↑”, pull switch to the OFF position as “↓”, switch location and detection range of the corresponding table above.

Light-control Setting

The chosen light response threshold can be infinitely from approx. 10-50lux, pull switch to the ON position as “↑”, pull switch to the OFF position as “↓”, switch location and light-control of the corresponding table above.

Stand-by Light Level Setting

Pull switch to the ON position as “↑”, pull switch to the OFF position as “↓”, switch location and detection range of the corresponding table above.

Stand-by Time Setting

The fixture remains at Stand-By before it completely swithes off while motion is not present. When set to “+∞”, low led light is held until motion is detected. Switch location and detection distance table above.

WIRELESS COMMISSIONING DEVICE

The Wireless Commissioning Device (Fig. 13) allows the settings to be adjusted by using the button features as seen below.

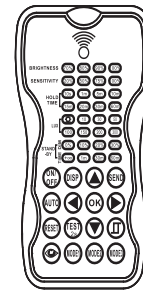


FIG. 13

- Permanent on or permanent off mode
- The selected parameters go to SEND
- 100%, 5m, 100%, 20%, +∞
- DISPLAY Current Settings
- Back to previous settings before on/off model
- In test mode, hold time is only 2s, and stand-by time and daylight sensor are disable
- Enter in Adjustable Control Parameters condition and navigate for UP and DOWN
- Navigate for Right and Left
- The latest surrounding lux value overites previous lux value learned.
- To save these New Settings parameters as Model 1 Model 2 Model 3
- Confirm settings
- Photocell On/Off, when the light exceeds this setting, the lights will turn off even when the space is occupied. When light level goes below the settings, the light will turn on even without motion detection. This feature is disabled by default