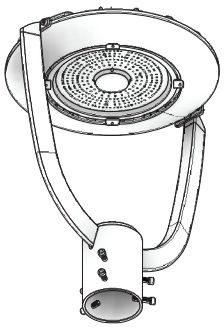
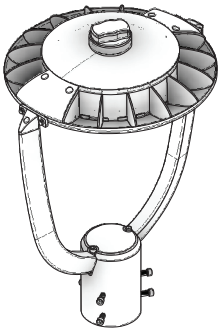
FPTA Series Post Top Light Installation Guide

PacLights





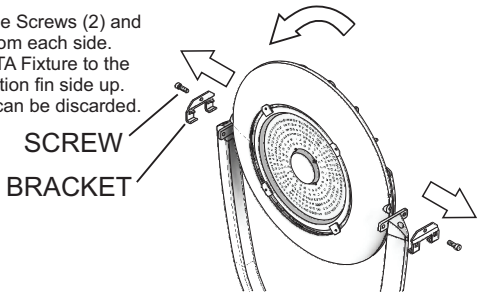
Includes: FPTA35, FPTA55, FPTA75

CAUTION: PLEASE FOLLOW THIS INSTRUCTION MANUAL CAREFULLY TO PREVENT ANY INJURIES OR COMPLICATIONS THAT MAY ARISE.
WARNING: Before installing or maintaining the luminary, make sure all power is **TURNED OFF**.
Verify that supply voltage is correct by comparing it with the label information on all fixtures.
Make all connections in accordance with the NEC requirements, and make sure all luminaries are properly secured to prevent any wire complications. This luminary is to always be installed with the lens facing down and it is not to exceed the maximum ambient temperature rating noted on the specification sheet.

FPTA Initial Set-Up

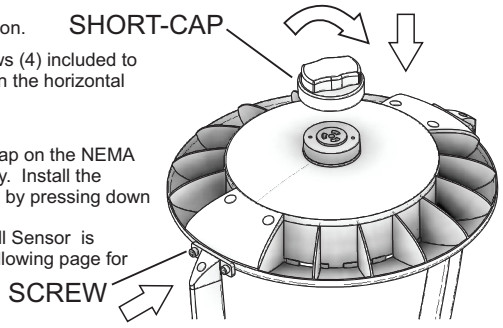
The FPTA Fixture removed from the box is in a vertical configuration. The FPTA Fixture will be in the horizontal position.

❶ Remove the Screws (2) and Brackets (2) from each side. Rotate the FPTA Fixture to the horizontal position fin side up. The Brackets can be discarded.



❷ Place the Screws (4) included to secure the Fixture in the horizontal position.

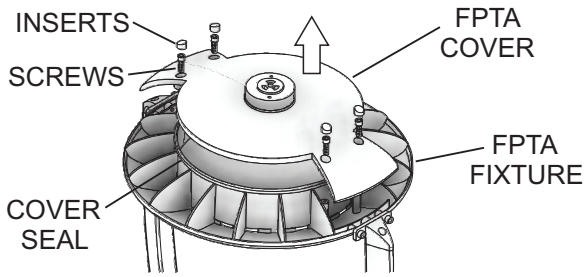
❸ Set the Short-Cap on the NEMA Receptacle correctly. Install the Short-Cap provided by pressing down and twisting CW.
Note: If Photocell Sensor is provided see the following page for instructions.



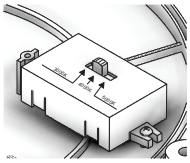
Tunable CCT (Correlated Color Temperature)

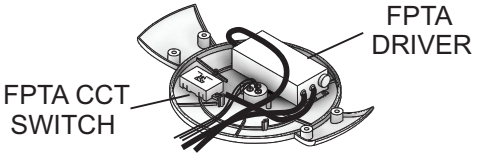
The Tunable CCT Switch is a device that allows the user to choose a desired color temperature 3000K, 4000K, or 5000K. The default factory setting is 4000K.
Note: If the Color temperature is acceptable and the Tunable CCT does not need to be adjusted, the following steps can be skipped.

❶ Turn over the FPTA Fixture showing the Fin side. Remove the flush rubber inserts (4) from the Cover Panel. Remove the Screws (4) from the Cover Panel. Lift the cover from the FPTA Fixture. The Fixture is now open to adjust (if needed) the Tunable CCT setting. The process is the same for all FPTA Fixtures.

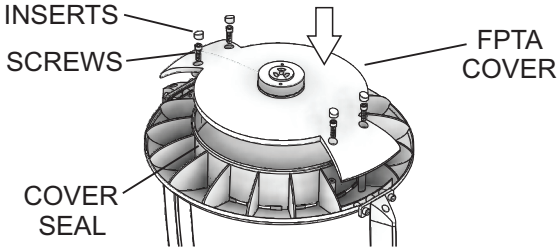


❷ The Tunable FPTA CCT Switch provides the user with the three options available for the FPTA Luminaire.

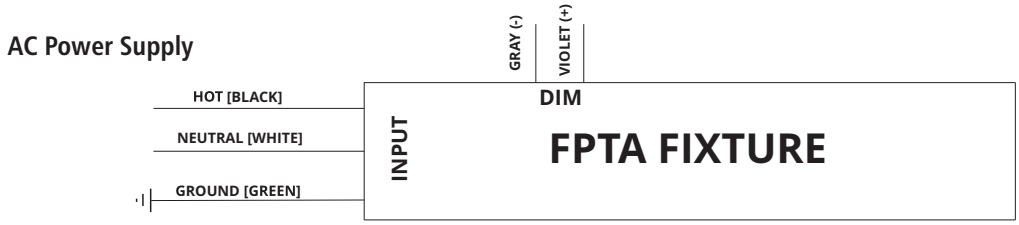




❸ After setting the CCT SWITCH to the desired Kelvin temperature place the Cover Seal properly back on the FPTA Fixture rim. Then, carefully place the Cover on the FPTA Fixture. Install the Screws (4) and then the Inserts.



Connect the ACL and the ACN from the FPTA Fixture to the conduit with the AC Power Supply cords. Follow the Wiring Diagram provided.



Need help? Tech help line: **(800) 988-6386** Email: **cs@paclights.com** Website: **www.paclights.com**

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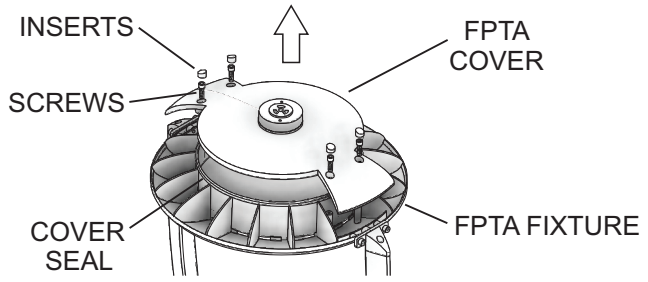
Optional Microwave Motion Sensor

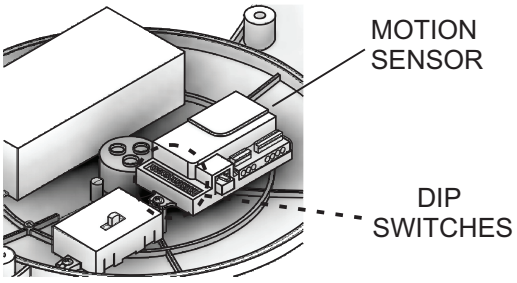
The Integrated Microwave Motion Sensor is a programmable motion detector. The default factory settings are as follows: Detection Area=100%, Hold Time=5 sec, Stand-By Period=0 sec, Stand-By Dimming Level=50%, and Daylight (Photo) Sensor=Disable.

Note: If the Microwave Motion Sensor is not included or adjustment is not needed, the following steps can be skipped.

❶ Turn over the FPTA Fixture showing the Fin side. Remove the flush rubber inserts (4) from the Cover Panel. Remove the Screws (4) from the Cover Panel. Lift the cover from the FPTA Fixture. The Fixture is now open to adjust (if needed) the Motion Sensor setting. The process is the same for all FPTA Fixtures.



❷ The default settings can be changed by adjusting the DIP Switches on the Motion Sensor. Please refer to the table on this page and also directly on the Motion Sensor.



Microwave Motion Sensor Dip Pin Setting

By selecting the combination on the DIP switches, sensor data can be precisely set for each specific application as seen below.

ON ↑

Detection Area	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

Hold Time	3	4	5	
I	ON	ON	ON	5S
II	-	ON	ON	30S
III	ON	-	ON	90S
IV	-	-	ON	3min
V	ON	ON	-	20min
VI	-	-	-	+∞

Stand-by Period	6	7	8	
I	ON	ON	ON	0S
II	-	ON	ON	5S
III	ON	-	ON	5min
IV	-	-	ON	10min
V	ON	ON	-	30min
VI	-	ON	-	1h
VII	-	-	-	+∞

Stand-by DIM Level	1	2	
I	ON	ON	50%
II	-	ON	30%
III	ON	-	20%
IV	-	-	10%

Daylight Sensor	3	4	5	6	
I	ON	ON	ON	ON	5Lux
II	-	ON	ON	ON	15Lux
III	ON	-	ON	ON	30Lux
IV	-	-	ON	ON	50Lux
V	ON	ON	-	ON	100Lux
VI	ON	ON	ON	-	150Lux
VII	-	-	-	-	Disable

Detection Area
Detection area having motion and not enough ambient light will activate the sensor. The sensor can be set at 100%, 75%, 50%, or 25%.

Hold Time
Hold Time refers to the time period the fixture remains at 100% illumination after motion is detected. Hold Time can range from 5s to 20 minutes. The fixture will remain at full illumination until 'Hold Time' ends, then reducing to Stand-By dimming level.

Stand-By Period
The Stand-By period begins when the 'Hold Time' ends. The fixture remains at a Stand-By Dimming Level before it completely switches off while motion is not present. When set to "+∞" mode, the low led light is held until motion is detected.

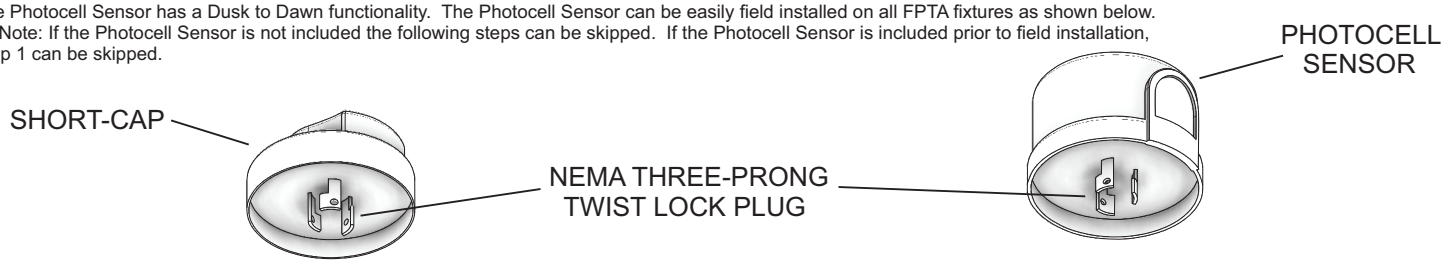
Stand-By Dimming Level
Stand-By Dimming Level is when 'Hold Time' has ended, there is no movement in the area and the light output is reduced. The Stand-By Dimming Level can be set at 50%, 30%, 20%, or 10%.

Daylight (Photo) Sensor
The Daylight Sensor, measured in LUX can be set to allow the fixture to illuminate below a surrounding minimum ambient brightness threshold. The sensor can be set from 5 to 150 LUX. When set to Disable mode, the Daylight Sensor will switch 'ON' the fixture when motion is detected regardless of ambient light.

Optional Photocell Sensor

The Photocell Sensor has a Dusk to Dawn functionality. The Photocell Sensor can be easily field installed on all FPTA fixtures as shown below.

Note: If the Photocell Sensor is not included the following steps can be skipped. If the Photocell Sensor is included prior to field installation, Step 1 can be skipped.



❶ Turn over the FPTA Fixture showing the Fin side. All FPTA Fixtures come with a NEMA Three-Prong Twist Lock receptacle with Short-Cap to be installed. Remove the Short-Cap by twisting CCW and lifting.

❷ Place the Photocell Sensor on the NEMA receptacle. Push down and twist CW. The process is the same for all FPTA Fixtures.