



LED Area Light Gen 4 Installation Instructions

CAT#s: 74000C-74080C

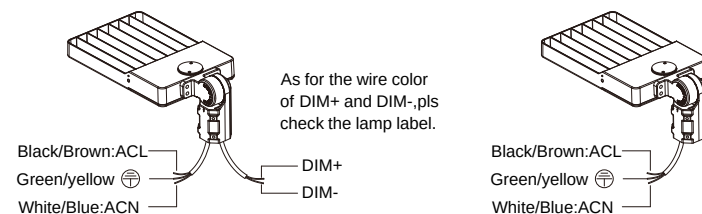
CAUTION:

1. Do not use an electric generator to test this LED fixture.
2. This fixture should be installed by a licensed electrician only, abiding by all local and national electrical codes.

INSTRUCTIONS:

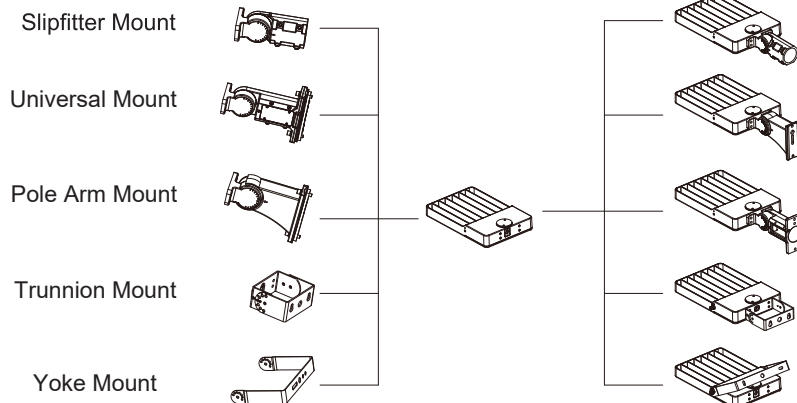
1. This product has dimming functionality, which can be set up in different ways.
2. Two dimming functions are available for this fixture:
 1. 1-10VDC Low Voltage dimming.
 2. PWM dimming

Wiring Diagram:



Installation Instructions for each Mounting Bracket:

There are 5 optional mounting brackets for this fixture (sold separately).



1. Slipfitter Mount:

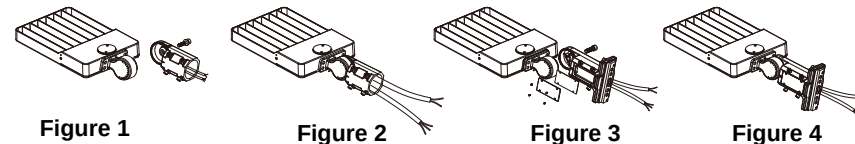
Step 1: Remove the bracket mounting screws on the fixture and run the wires through the bracket. (Figure 1)

Step 2: Install the bracket on the fixture. (Figure 2)

2. Universal Mount:

Step 1: Remove the bracket mounting screws from the fixture, open the side lid of bracket and run the wires through the bracket. (Figure 3)

Step 2: Install the bracket on the fixture, then close the side cover and secure it in place. (Figure 4)



3. Pole Arm Mount:

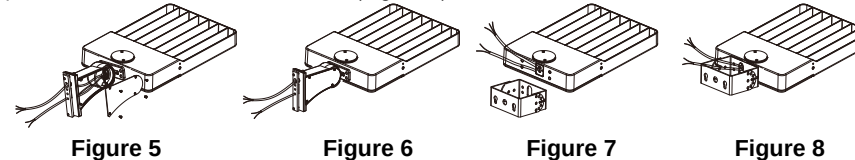
Step 1: Remove the bracket mounting screws on the fixture, open the side lid of bracket and run the wires through the bracket. (Figure 5)

Step 2: Install the bracket on the fixture, then cover the side lid and secure it in place. (Figure 6)

4. Trunnion Mount:

Step 1: Remove the bracket mounting screws on the fixture and run the wires through the bracket. (Figure 7)

Step 2: Install the bracket on the fixture. (Figure 8)



5. Yoke Mount:

Step 1: First install two larger screws provided. (Figure 9)

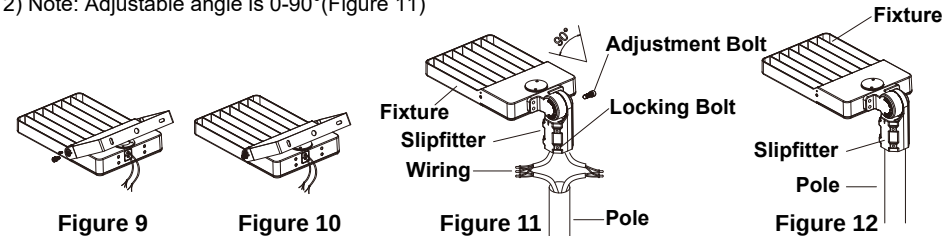
Step 2: Next, install the two smaller screws provided. (Figure 10)

LED Fixture Installation:

1. Slipfitter:

Step 1: Loosen the four bolts on Slipfitter, make proper wiring connections as per the wiring diagram, and run the wires through the pole. (Figure 11)

Step 2: Place the Slipfitter over the pole and securely tighten the four bolts. (Figure 12) Note: Adjustable angle is 0-90° (Figure 11)



2. Universal:

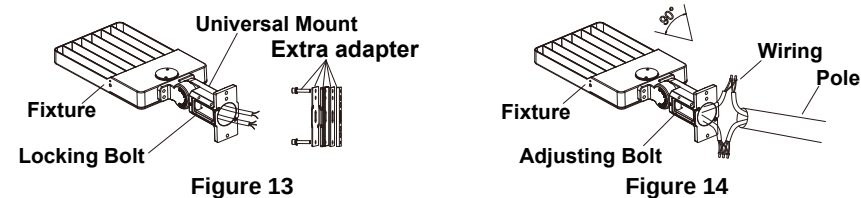
2.1 Slipfitter:

Step 1: Remove the spare parts from universal mount. (Figure 13)

Step 2: Loosen the four bolts on the Universal Mount, make proper wiring connections as per the wiring diagram, and run the wires through the pole. (Figure 14)

Step 3: Place the bracket into the pole and lock the four bolts. (Figure 14)

Note: Adjustable angle is 0-90° (Figure 14)



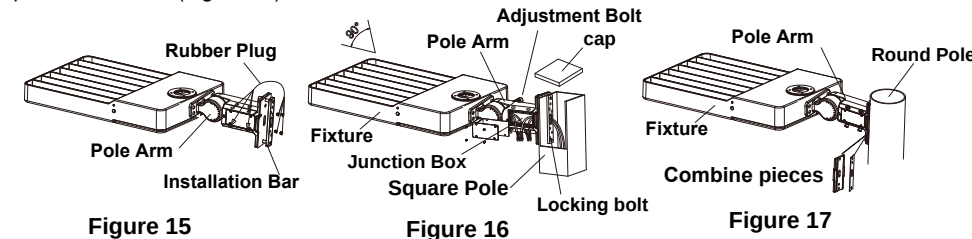
2.2 Pole Arm:

Step 1: Remove the four bolts from the Pole Arm Mount. Remove the four rubber plugs from installation bar and place them where the four bolts originally were on the bracket (Figure 15).

Step 2: Securely attach the Pole Arm Mount to square pole using the bolts provided. Open the cover of pole arm mount junction box, run the wiring into junction box and make proper wiring connections as per the wiring diagram on page 1. Carefully place the wiring inside and securely cover and close the junction box. (Figure 16)

Note: Adjustable angle is 0-90° (Figure 16)

Same as the round pole installation, please remember to use the adapting plate for round pole installations (Figure 17).



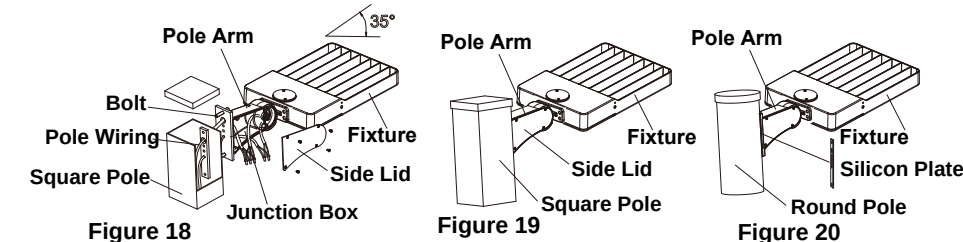
3. Pole Arm:

Step 1: Securely attach the pole arm mount to square pole using the bolts provided. Open the side lid of pole arm, run the wires into the junction box, and make proper wiring connections as per the wiring diagram on page 1. (Figure 18)

Step 2: Carefully place the wiring inside and securely cover and close the junction box. (Figure 19)

Note: Adjustable angle is 0-35° (Figure 18).

Same as the round pole installation, please remember to remove the silicon plate when installing the fixture on round poles (Figure 20).



4. Trunnion:

- Step 1: Using a drill (not provided), drill holes on the wall as shown below. (Figure 21)
- Step 2: Using a hammer (not provided), tap the expansion bolts into the wall. (Figure 22)
- Step 3: Securely attach the fixture to the bracket and tighten the screws; make proper wiring connections as per the wiring diagram on page 1. (Figure 23)
- Notice: Adjustable angle is 0-90°(Figure 23)

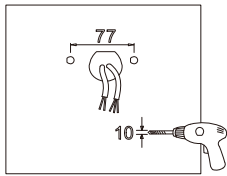


Figure 21

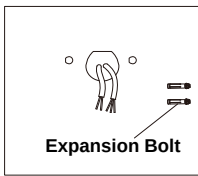


Figure 22

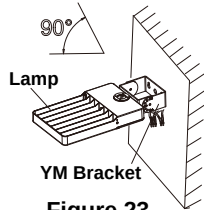


Figure 23

5. Yoke:

Install the yoke mount to the fixture using the screws provided. (Figure 24)

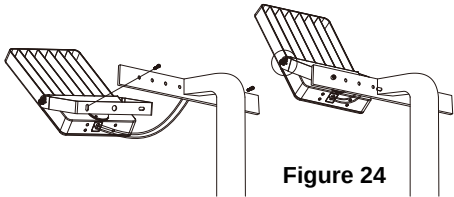


Figure 24

Loosen the screw to adjust the angle of the fixture that meets your requirements. Once you have your desired fixture angle, tighten the screw.

Photocell Installation:

The LED photocell should be installed on the back of this fixture. If you don't need a photocell installed, make sure you have a shorting cap installed on the back of this fixture. (Figure 25)

Adjusting the Color Temperature of this Fixture:

Remove the plug on the bottom right side of this fixture. Use the switch it to change the color temperature to meet your requirements.(Figure 26)

Adjusting the Wattage of this Fixture:

Remove the cap and loosen the screws (Figure 27). Open the driver compartment and use the switch to adjust the wattage to meet your requirements (Figure 28).

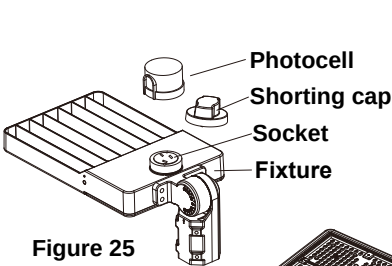


Figure 25

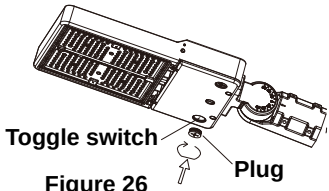


Figure 26

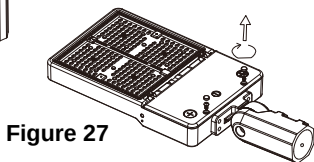


Figure 27

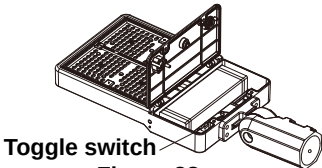


Figure 28

Motion Sensor Installation:

Install the motion sensor in the socket as noted below. (Figure 29)

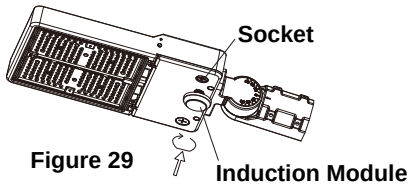


Figure 29



Display

Brightness: (70%/80%/90%/100%) Hold Time: 10 sec/ 1 min/ 10 min/ 30min
Daylight: 10lux/ 30lux/ 50lux/ 100lux Sensitivity: 20%/50%/75%/100%
Standby Dim: 10%/20%/30%/50% Standby Time: + ∞/ 1min/ 30min/ 60min

ON/OFF: Long press the "ON/OFF button for 3 seconds until the brightness indicator light turns on. Short press this button for 1 second to turn the fixture on/off.

Brightness: Short press this button for 1 second. Select your desired brightness level using the buttons above.

Send: Press this button to save your settings. Save your settings after each configuration update.

Hold Time: Short press this button for 1 second. Select your desired hold time using the buttons above.

Daylight: Long press this button for 3 seconds until the indicator light turns on. Using the buttons above, adjust the daylight threshold levels to meet your requirements. 10lx/30lx/50lx/100lx.

Sensitivity: Short press this button for 1 second. Using the buttons above, adjust the sensitivity to meet your requirements. Note: The default setting is 100% sensitivity.

Standby Dim: Short press this button for 1 second. Using the buttons above, adjust the standby dimming level to meet your requirements.

Standby Time: Short press this button for 1 second. Using the buttons above, adjust the standby time to meet your requirements. Note: Pressing the "+∞" button will enable unlimited standby time.

Reset: Short press this button for 1 second to reset all settings to the default configuration. The default configuration is: Brightness: 70%, Hold Time: 10 sec, Sensitivity: 20%, Daylight Threshold: Disabled, Standby Dimming: 10%, Standby Time: +∞

Test: Short press this button for 1 second to activate testing mode. Use this button to test your configuration. While in this mode, the hold time is set to 3 seconds.

+ Press this button to increase the brightness by increments of 10%. Min: 0%. Max: 100%.

- Press this button to decrease the brightness by increments of 10%. Min: 0%. Max: 100%.

ATTENTION:

- Sending your configuration settings to the motion sensor will only work if the remote control and motion sensor are turned on. If you don't press any button within 10 seconds, the indicator light will turn off.
- When using the "On/Off" button, the rest of the buttons will be disabled, except for the "On/Off", "Brightness", and "Send" buttons.
- When using the "Test" button, the rest of the buttons will be disabled, except for the "Test", "Sensitivity", and "Send" buttons.
- After every change to your configuration settings, press the "Send" button to save your settings.
- The Light Threshold illumination values are: 10lx/30lx/50lx/100lx.
- The Light Control priority mode illumination values are: 10lx/30lx/50lx/100lx/150lx/200lx.

WARNING:

THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY, ABIDING BY ALL LOCAL AND NATIONAL ELECTRICAL CODES. CAUTION - RISK OF FIRE. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR. MIN 167°F SUPPLY CONDUCTORS