

## FL04B Flood/Area Light 100W - 300W

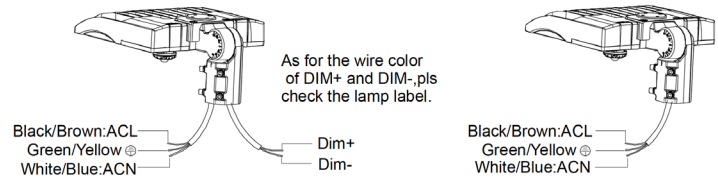
**WARNING:** Ensure power is off before installation, wiring, or performing any maintenance on the fixture.

This product has a dimming and non-dimming function, which differs in the installation process. 3 dimming functions are available in this LED lamp:

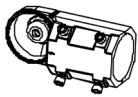
1. Constant current can be achieved by 1-10VDC dimming.
2. PWM signal dimming.
3. Variable resistance dimming (0-100K). Choose the appropriate dimming method to meet your needs. You can also choose to not use this function and leave wires capped.

Choose the electrical connection and dimming method that meets your needs.

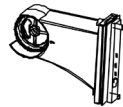
### WIRING DIAGRAM



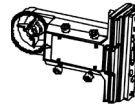
### MOUNTING OPTIONS



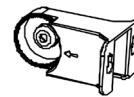
Slipfitter (SF)



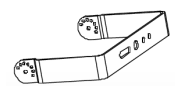
Pole Mount (PM)



Multi-Mount (MM)



Trunnion Mount (TR)



Yoke Mount (YK)

### INSTALLATION INSTRUCTIONS WITH DIFFERENT BRACKETS

#### SLIPFITTER MOUNT (SF)

1. Remove the bracket mounting screws on the fixture and run the wires through the bracket (Fig. 1).
2. Install the bracket on the fixture (Fig. 2).

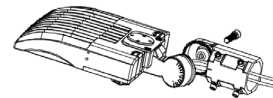


Fig. 1

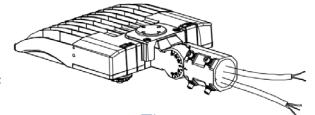


Fig. 2

#### POLE MOUNT (PM)

1. Remove the bracket mounting screws on the fixture, open the access cover of the bracket and run the wires through the bracket (Fig. 3).
2. Install the bracket on the fixture, then cover the access cover and tighten it (Fig. 4).

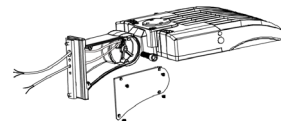


Fig. 3

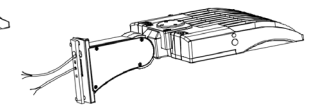


Fig. 4

#### TRUNNION MOUNT (TR)

1. Remove the bracket mounting screws on the fixture and run the wires through the bracket (Fig. 5).
2. Install the bracket on the fixture. (Fig. 6)

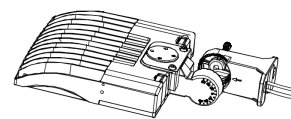


Fig. 5

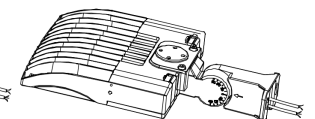


Fig. 6

#### MULTI-MOUNT(MM)

1. Remove the bracket mounting screws on the fixture, run the wires through the bracket (Fig. 7).
2. Install the bracket on the fixture, tighten it (Fig. 8).

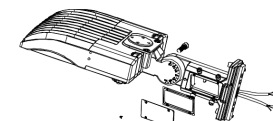


Fig. 7

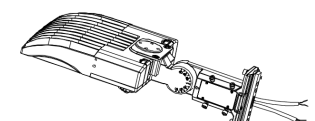


Fig. 8

#### YOKE MOUNT (YK)

1. Install two large screws (Fig. 9).
2. Install two small set screws (Fig. 10).

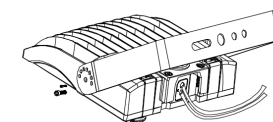


Fig. 9

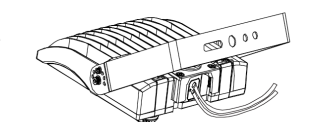


Fig. 10

## LED FIXTURE INSTALLATION

### 1) SLIPFITTER MOUNT (SF)

1. Loosen the four bolts on the SF bracket, connect the wires correctly, and pull the wires into the poles (Fig. 11).
2. Place the bracket into the pole and lock the four bolts (Fig. 12).  
Note: Adjustable angle is 0-90° (Fig. 11)

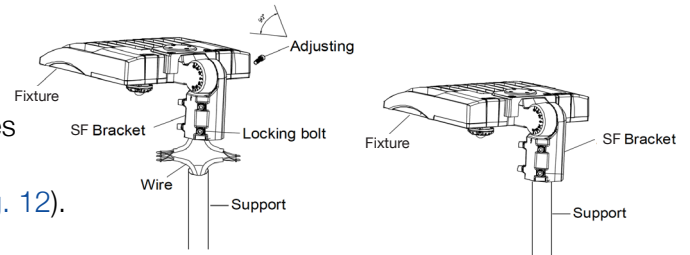


Fig. 11

Fig. 12

### 2) POLE MOUNT (PM)

1. Fix PM bracket to square pole with bolt, open the access cover of PM bracket, pull the wire into the junction box, and connect the wire correctly (Fig. 13).
2. Put the connected wire into the junction box, then cover the junction box (Fig. 14) Note: Adjustable angle is 0-35° (Fig. 13). Remove the silicone plate when installing the fixture on a round pole (Fig. 15).

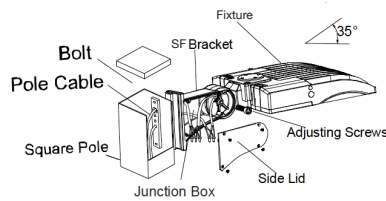


Fig. 13

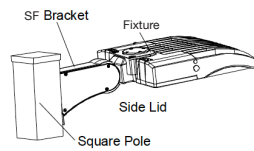


Fig. 14

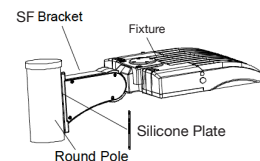


Fig. 15

### 3) MULTI-MOUNT (MM)

#### a. MULTI-MOUNT (MM) AS A SLIPFIT

1. Remove the spare parts from the MM bracket (Fig. 16).
2. Loosen the four bolts on the MM bracket, connect the wires correctly, and pull the wires into the poles (Fig. 17).
3. Place the bracket into the pole and lock the four bolts (Fig. 17).  
Note: Adjustable angle is 0-90° (Fig. 17).

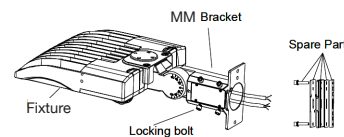


Fig. 16

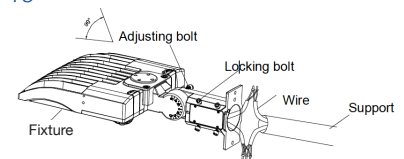


Fig. 17

#### b. MULTI-MOUNT (MM) AS A POLE MOUNT

1. Remove the four bolts from the MM bracket, remove the four rubber plugs from the installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproofing (Fig. 18).
2. Fix the MM bracket to square pole with bolt, open the access cover of the MM bracket junction box, pull the wire into the bracket junction box, connect the wire properly and cover the junction box (Fig. 19). Note: Adjustable angle is 0-90° Same as round pole installation, please remember to use the adapting plate for round pole installation (Fig. 20).

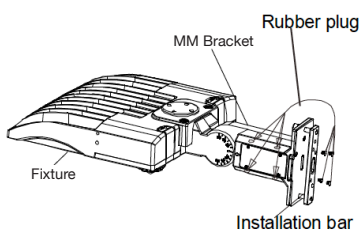


Fig. 18

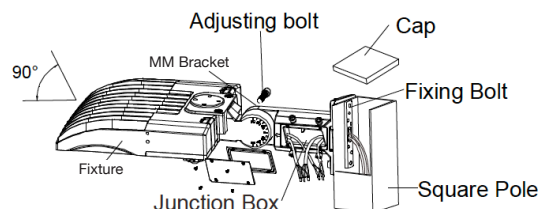


Fig. 19

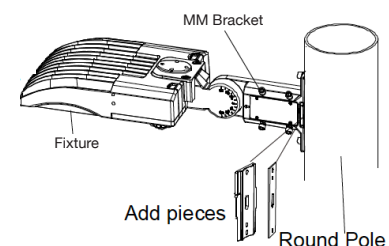
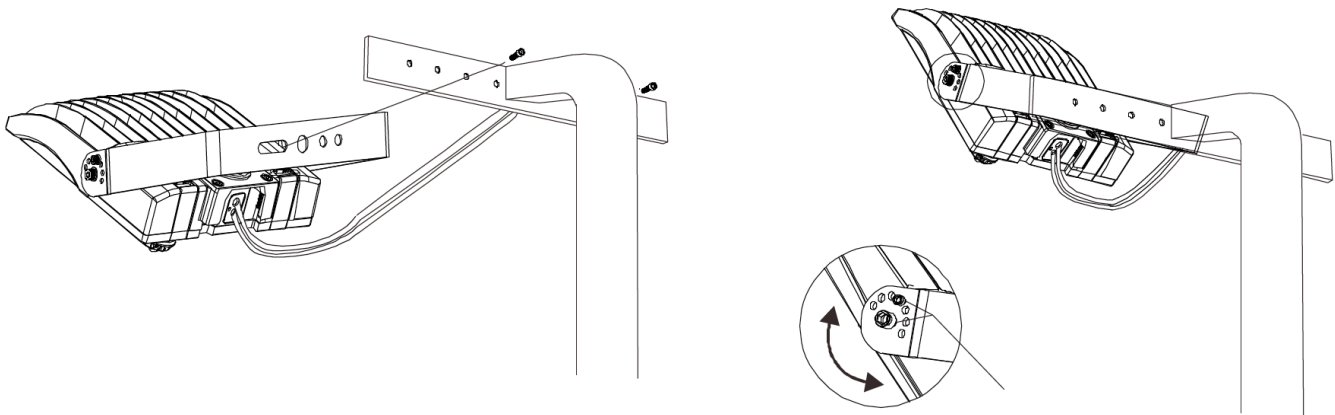


Fig. 20

### 3. YOKE MOUNT (YM)

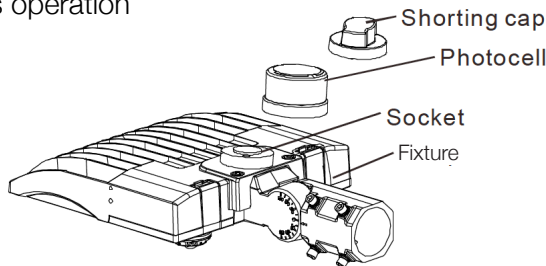
Install the mount to the fixture, tighten the mount and install the screws



Loosen the set screw, adjust angle as desired, and tighten to lock in place.

### PHOTOCELL INSTALLATION

If photocell function is required, the photocell and receptacle will be installed on the back of fixture. Remove photocell cover plate, install twist lock receptacle and photocell. Connect wires from twist lock photocell as per instructions. If photocell is no longer required, a shorting cap may be substituted for bypass operation



### STANDARD WIRE

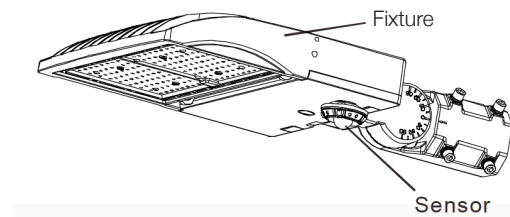
L/live wire: Black\Brown;

N/neutral wire: White\Blue;

Ground wire: Green\Yellow-green.

### MOTION SENSOR INSTALLATION

Open the driver cover by loosening the screws and hinging down. Install the motion sensor through the cover. Connect motion sensor wires according instructions. Close and lock driver cover.



**WARNING:** Do not use with an electric generator. Observe local code and regulations when installing and maintaining this fixture. Disconnect power prior to installation or maintenance. Proper grounding is required. To avoid possibility of electrical shock or fire, installation should only be performed by qualified personnel. Wear gloves to avoid injury. If any smoke or sparks occur, immediately disconnect power and troubleshoot. Check for any shipping damage. Read the installation instructions carefully. Min 75°C supply conductor.

**AVERTISSEMENT:** Les fils d'alimentation 75°C min. Ce produit doit être installé selon le code d'installation pertinent, par une personne qui connaît bien le produit et son fonctionnement ainsi que les risques inhérents.