

## IMPORTANT SAFEGUARDS

### Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. To avoid electrical shock and damage, please do not install the lights in raining days.

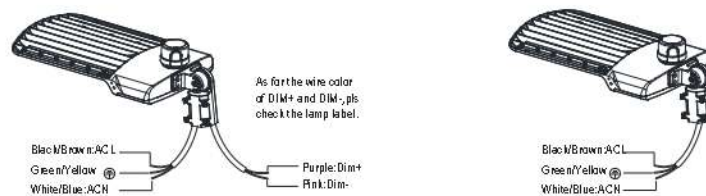
### Notices:

1. To prevent from electric shock or fire risk, the installation must be conducted by operator who have professional electrical knowledge.
2. Please wear gloves to avoid injury before installing lamps.
3. During or after installation, if there are situations such as smoke, fire in the wires or lamps, please turn off the power immediately and notify relevant personnel of an overhaul.
4. This light can be used for outdoor installation.

### Instructions:

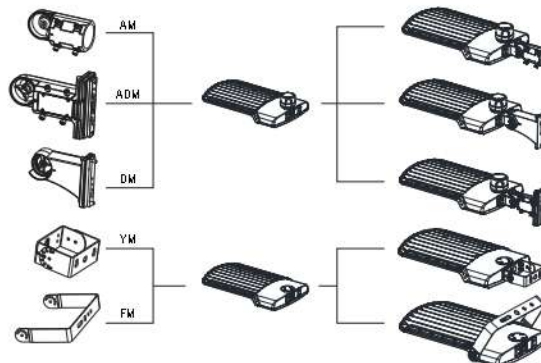
1. This product has dimming and non-dimming function, which differs in installation ways.
2. 3 dimming functions are available in this shoebox light:
  - Constant current can be achieved by 0-10 V DC dimming.
  - PWM signal dimming.
  - Variation of resistance unit dimming (Please choose the appropriate dimming way according to your needs. You can also choose not to use this function).
3. Choose the wire connection ways, dimming ways and installation ways according to your needs and the led fixture purchased.

### Wiring Diagram:



### Optional Brackets and Installation Instructions

There are 5 optional brackets for this fixture. The following is shoebox fixtures with different brackets.



### Installation Instructions with different brackets:

#### 1. ADJUSTABLE FITTER MOUNTING (AM)

- 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. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (ADM)

- Step 1: Remove the bracket mounting screws on 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 cover the side lid and tighten it. (Figure 4)

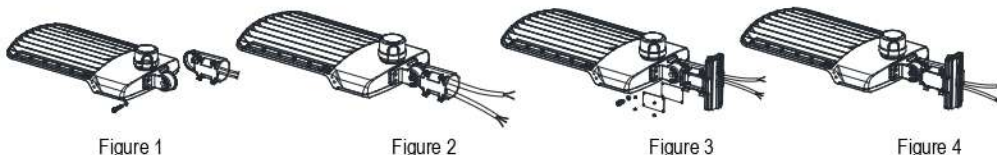


Figure 1

Figure 2

Figure 3

Figure 4

### 3. DIRECT MOUNTING (DM)

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 it and tighten it. (Figure 6)

### 4. YOKE MOUNTING (YM)

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)

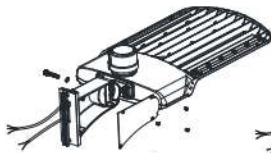


Figure 5

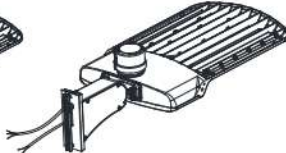


Figure 6

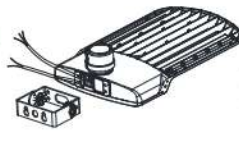


Figure 7

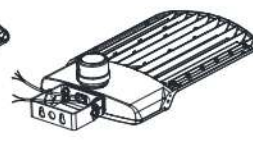


Figure 8

### 5. FLOOD MOUNTING (FM)

Step 1: First install two big screws. (Figure 9)  
 Step 2: Install two small screws. (Figure 10)

#### Installation of LED Lamps:

#### 1. ADJUSTABLE FITTER MOUNTING (AM)

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

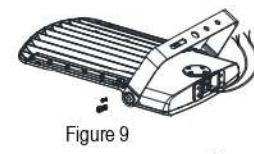


Figure 9

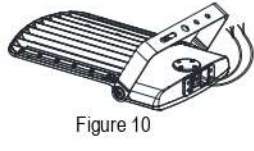


Figure 10

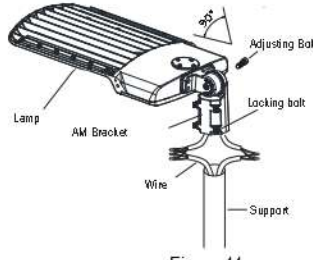


Figure 11

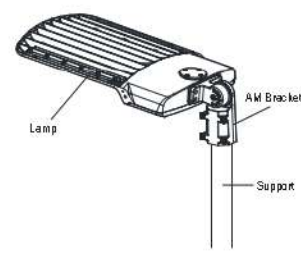


Figure 12

#### 2. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (ADM)

##### 2.1 ADJUSTABLE FITTER MOUNTING

Step 1: Remove the spare parts from ADM bracket. (Figure 13)  
 Step 2: Loosen the four bolts on ADM bracket, connect the wires correctly, and pull the wires into the poles. (Figure 14)  
 Step 3: Place the bracket into the pole and lock the four bolts. (Figure 14)  
 Notice: Adjustable angle is 0-90° (Figure 14)

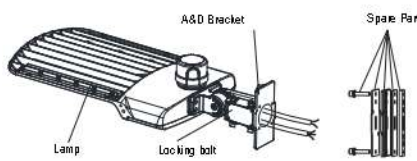


Figure 13

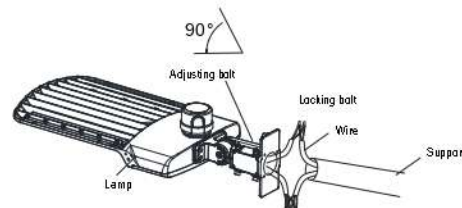
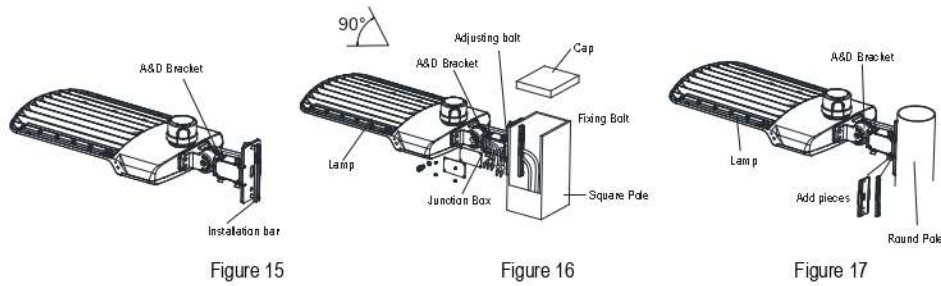


Figure 14

##### 2.2 DIRECT MOUNTING

Step 1: Remove the four bolts from ADM bracket, remove the four rubber plugs from installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproof purpose (Figure 15)  
 Step 2: Fix ADM bracket to square pole with bolt, open the cover of ADM bracket junction box, pull the wire into bracket junction box, connect the wire properly and cover the junction box. (Figure 16)  
 Notice: Adjustable angle is 0-90°. (Figure 16)  
 Same as round pole installation, please remember to use the adapting plate for round pole installation (Figure 17)





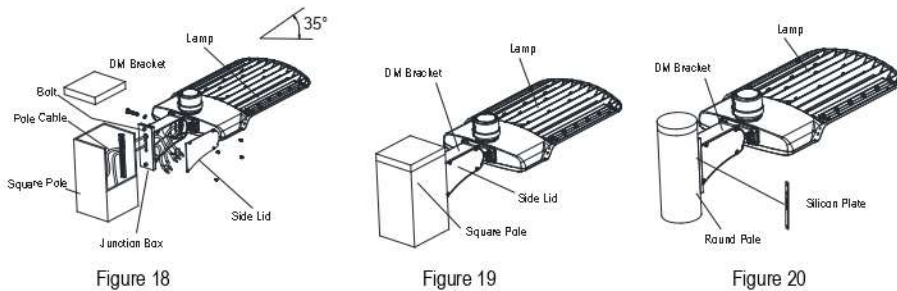
### 3. DIRECT MOUNTING (DM)

Step 1: Fix DM bracket to square pole with bolt, open the side lid of DM bracket, pull the wire into junction box, and connect the wire correctly. (Figure 18)

Step 2: Put the connected wire into the junction box, then cover the junction box. (Figure 19)

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

Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole (Figure 20)



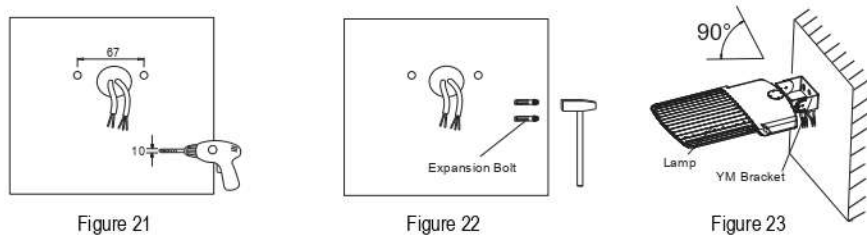
### 4. YOKE MOUNTING (YM)

Step 1: Drill holes on the wall as shown. (Figure 21)

Step 2: Knock the expansion bolts into the wall. (Figure 22)

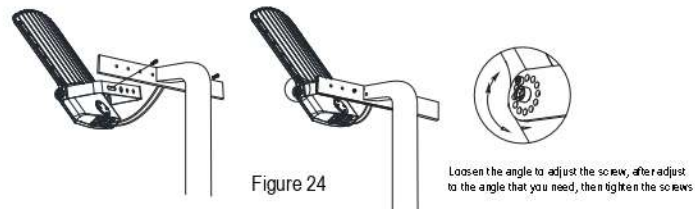
Step 3: Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box. (Figure 23)

Notice: Adjustable angle is 0-90° (Figure 23)



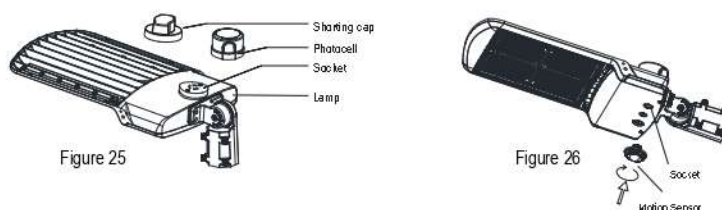
### 5. FLOOD MOUNTING (FM)

Install the mount to the fixture, tighten the mount and install the screws. (Figure 24)



### Instructions for Photocell

When the photocell function is required, photocell should be installed on the back of lamp; When it's not required, shorting cap should be installed on the back of lamp. (Figure 25)



Standard wire:

Live wire: Black\Brown;

N\Null wire: White\Blue;

Ground wire: Green\Yellow-green.