

# LED Flood Light Instruction

**Cautions:**

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

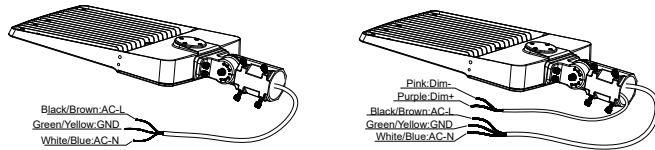
**Notices:**

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:**

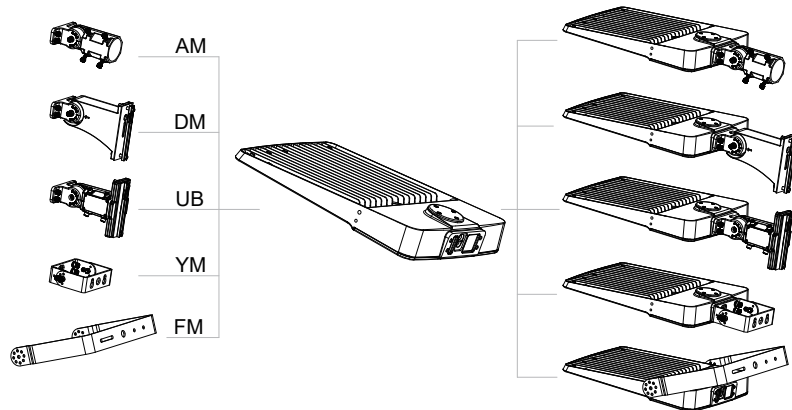
1. This product has dimming and non-dimming function, which differs in installation ways.
2. 3 dimming functions are available in this flood light
  - (1). Constant current can be achieved by 0-10VDC dimming.
  - (2). PWM signal dimming.
  - (3). Variation of resistance unit dimming(Please choose the 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 are led flood fixtures with different brackets.

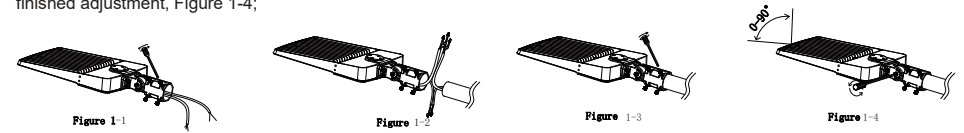


**Note: Please turn off the power before installation to avoid accident.**

**Installation Instructions with different brackets:**

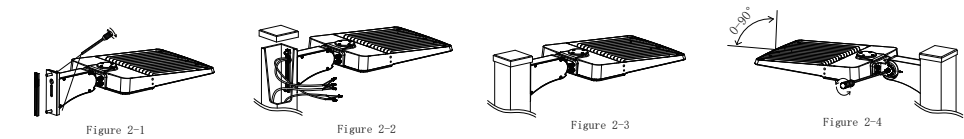
**1. ADJUSTABLE FITTER MOUNTING (AM)**

- Step 1: Loosen the 4 screws on the bracket with a screwdriver and make ensure that the bracket can fit into the light pole, Figure 1-1;
- Step2: Connect the input wires of the fixture to the mains correctly, Figure 1-2;
- Step3: Mount the fixture on the light pole and fix it with screws firmly to ensure that the fixture cannot be rotated or shaken, Figure 1-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 1-4;



**2.DIRECT MOUNTING (DM)**

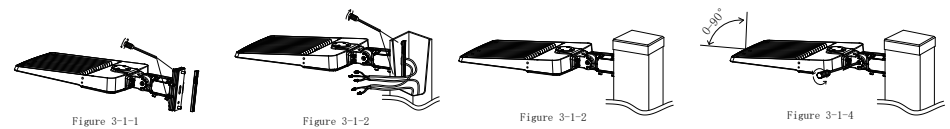
- Step1: Loosen the screws on the bracket with a screwdriver and take off the bracket, Figure 2-1;
- Step2: Fix the fixture on the pole after passing the input wire of the fixture through the pole, and then connect the input wires to the mains properly, Figure 2-2;
- Step3:Fasten the pole cover to the pole after making sure the wires are connected correctly, Figure 2-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 2-4;



**3.ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (UB)**

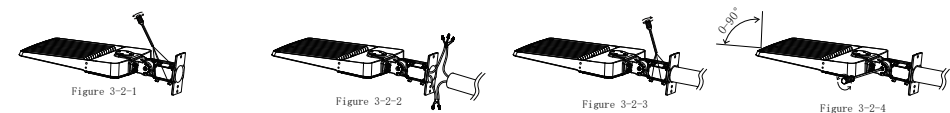
**Installation-1**

- Step1: Loosen the screws on the bracket with a screwdriver and take off the bracket, Figure 3-1-1;
- Step2: Fix the fixture on the pole after passing the input wire of the fixture through the pole, and then connect the input wires to the mains properly, Figure 3-1-2;
- Step3: Fasten the pole cover to the pole after making sure the wires are connected correctly, Figure 3-1-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 3-1-4;



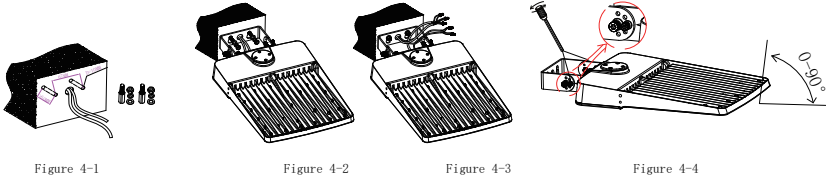
**Installation-2**

- Step 1: Loosen the 4 screws on the bracket with a screwdriver and make ensure that the bracket can fit into the light pole, Figure 3-2-1;
- Step2: Connect the input wires of the fixture to the mains correctly, Figure 3-2-2;
- Step3: Mount the fixture on the light pole and fix it with screws firmly to ensure that the fixture cannot be rotated or shaken, Figure 3-2-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 3-2-4;



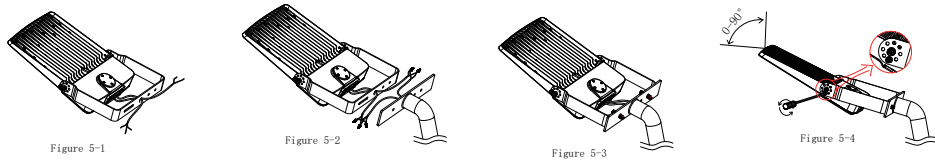
#### 4.YOKE MOUNTING (YM )

- Step1: Use a tool to punch two 67MM holes on the wall and then insert 2 expansion screws into the holes, Figure 4-1;
- Step2: Fix the fixture on the expansion screws, Figure 4-2;
- Step3: Connect the input wires of the fixture to the mains properly, Figure 4-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 4-4;



#### 5.FLOOD MOUNTING (FM)

- Step1: Pass the connecting wires of the fixture through the hole on the FM bracket, Figure 5-1;
- Step2: Connect the input wires of the fixture to the mains properly, Figure 5-2;
- Step3: Fix the fixture to the FM bracket with screws, Figure 5-3;
- Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 5-4;



Operate as following instructions if the product is designed with below functions

#### Special functions instruction:

##### Instructions for Photocell

- 1、 Take off the shorting cap from the fixture;
- 2、 Insert the AC photocell into the base and make sure the direction is correct;
- 3、 Screw in the photocell;

