

LED Flood Light Instruction

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.
4. Please turn off the power before installation or maintenance. Proper grounding is required to ensure safety.

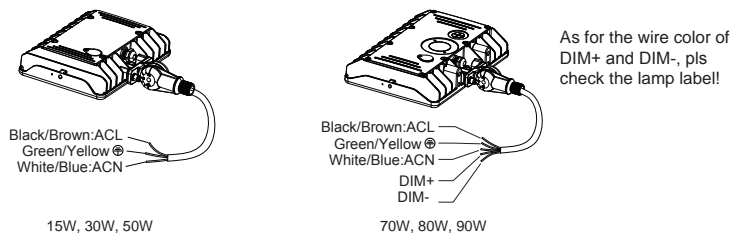
Notices:

1. To prevent from electric shock or fire risk, installation must be conducted by operator with 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 for an overhaul.
4. This light can be used for outdoor installation.

Instructions:

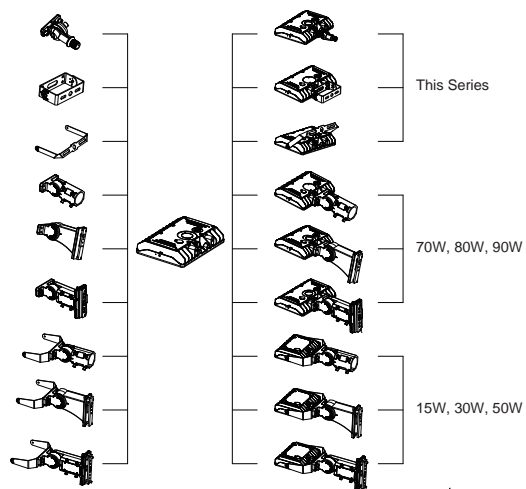
1. Adjustable color temperature;
2. This product has dimming function(suitable for 70W、80W、90W);
3. 3 dimming functions are available for this LED lamp:
 - (1)Constant current can be achieved by 1-10VDC dimming.
 - (2)PWM signal dimming.
 - (3)Variation of resistance unit dimming(Please choose the appropriate dimming way according to your needs. You can also choose not to use this function).
4. Choose the wire connection ways, dimming ways and installation ways according to your needs and the fixture purchased.

Wiring Diagram:



Optional Brackets and Installation Instructions

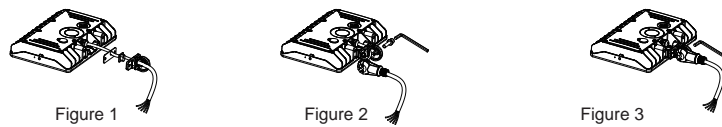
There are 6 optional brackets for this fixture. Below are fixtures equipped with different mounting brackets.



Installation Instructions for different brackets

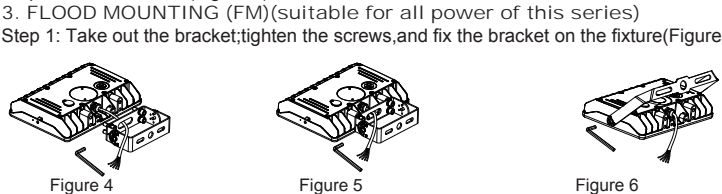
1. 1/2 ADJUSTABLE FITTER MOUNTING (1/2AM)(suitable for all power of this series)

- Step 1: Pass the wire through the metal sheet, the rubber mat, and the bracket(Figure 1);
- Step 2: Lock the bracket and pass the wire through the other bracket(Figure 2);
- Step 3: Lock the bracket(Figure 3).



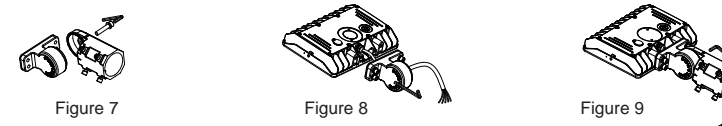
2. YOKE MOUNTING (YM)(suitable for all power of this series)

- Step 1: Pass the input wire of the fixture through the bracket(Figure 4);
- Step 2: Fix the bracket(Figure 5).



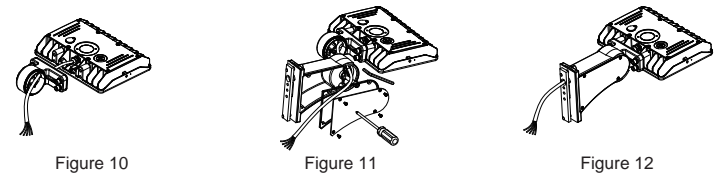
3. FLOOD MOUNTING (FM)(suitable for all power of this series)

- Step 1: Take out the bracket;tighten the screws,and fix the bracket on the fixture(Figure 6).
- Step 1: Separate the bracket with tool(Figure 7);
- Step 2: Pass the input wire of the fixture through the bracket(Figure 8);
- Step 3: Pass the input wire through the bracket and lock the bracket(Figure 9).



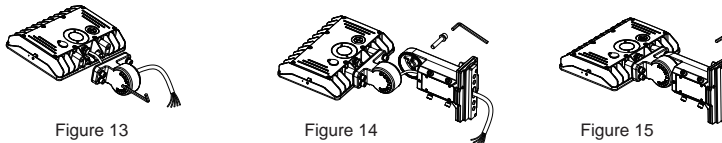
4. ADJUSTABLE FITTER MOUNTING (AM)(suitable for 70W、80W、90W)

- Step 1: Separate the bracket with tool(Figure 10);
- Step 2: Pass the input wire of the fixture through the bracket(Figure 11);
- Step 3: Pass the input wire through the bracket and lock the bracket(Figure 12).



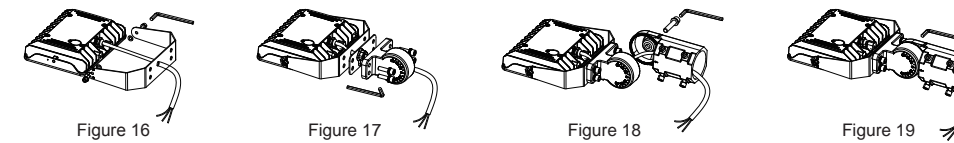
6. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (A&DM)(suitable for 70W、80W、90W)

- Step 1: Separate the bracket with tool(Figure 13);
- Step 2: Pass the input wire of the fixture through the bracket(Figure 14);
- Step 3: Pass the input wire through the bracket and lock the bracket(Figure 15).



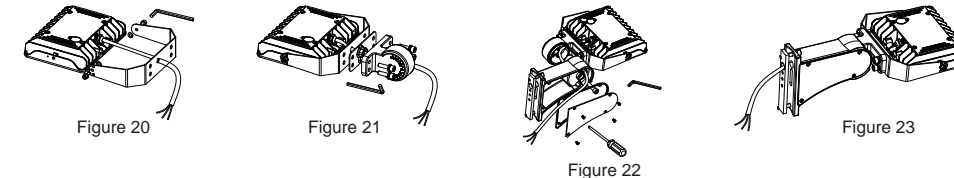
7. ADJUSTABLE FITTER MOUNTING (AM)(suitable for 15W、30W、50W)

- Step 1: Take out the bracket;Tighten the screws,fix the bracket on the fixture(Figure 16);
- Step 2: Separate the bracket with tool(Figure 17);
- Step 3: Pass the input wire of the fixture through the bracket(Figure 18);
- Step 4: Pass the input wire through the bracket and lock the bracket(Figure 19).



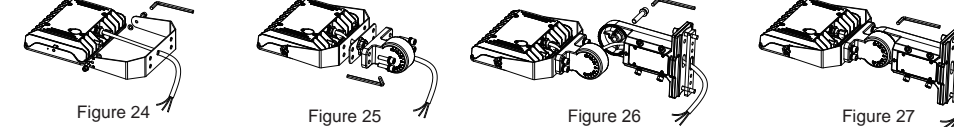
8. DIRECT MOUNTING (DM)(suitable for 15W、30W、50W)

- Step 1: Take out the bracket;Tighten the screws,fix the bracket on the fixture(Figure 20);
- Step 2: Separate the bracket with tool(Figure 21);
- Step 3: Pass the input wire of the fixture through the bracket(Figure 22);
- Step 4: Pass the input wire through the bracket and lock the bracket(Figure 23).



9. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (A&DM)(suitable for 15W、30W、50W)

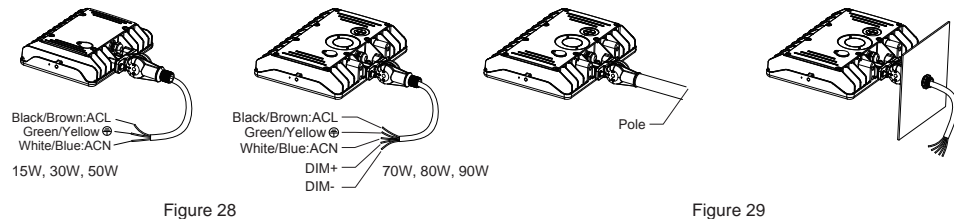
- Step 1: Take out the bracket;Tighten the screws,fix the bracket on the fixture(Figure 24);
- Step 2: Separate the bracket with tool(Figure 25);
- Step 3: Pass the input wire of the fixture through the bracket(Figure 26);
- Step 4: Pass the input wire through the bracket and lock the bracket(Figure 27)..



Installation of LED Lamps:

1. 1/2 ADJUSTABLE FITTER MOUNTING (1/2AM)(suitable for all power of this series)

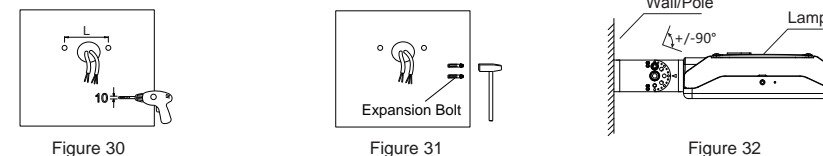
- Step 1: Take the lamp out of package;
 - Step 2: Finish wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole(Figure 28);
 - Step 3: Loosen screws; adjust fixture angle as per actual demands and tighten screws later;
- Tips: Angle of the fixture is adjustable.
(pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirements.)(Figure 29).



2. YOKE MOUNTING (YM)(suitable for all power of this series)

- Step 1: Drill holes on the wall as shown(Figure 30);
- Step 2: Knock the expansion bolts into the wall(Figure 31);
- Step 3: Fix the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box (Figure 32).

Notice: Adjustable angle is 0~±90°(Figure 32)



3. FLOOD MOUNTING (FM)(suitable for all power of this series)

Step 1: Drill holes on the wall as shown(Figure 33);

Step 2: Knock the expansion bolts into the wall(Figure 34);

Step 3: Fix the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box (Figure 35).

Notice: Adjustable angle is 0~+/-180°(Figure 35)

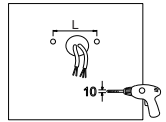


Figure 33

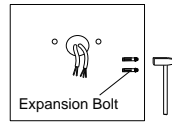


Figure 34

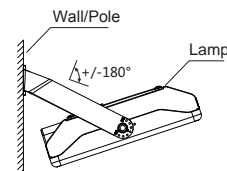


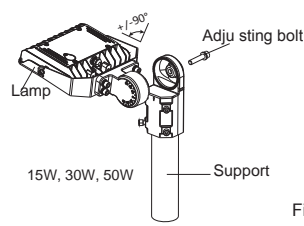
Figure 35

4. ADJUSTABLE FITTER MOUNTING (AM)(suitable for all power of this series)

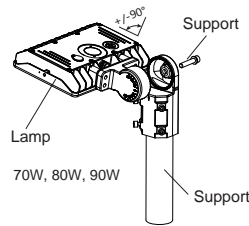
Step 1: Connect the wire correctly and put the wire into pole. Then fasten the locking bolts between slip fitter and the pole (Figure 36);

Step 2: Loosen the fixing bolts and adjusting bolts, adjust fixture angle as per actual demands. Tighten adjusting bolt and fixing bolts after the angle is confirmed(Figure 36).

Notice: Adjustable angle is 0~+/-90°(Figure 36)



15W, 30W, 50W



70W, 80W, 90W

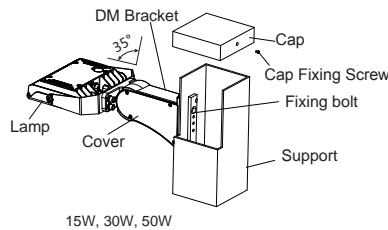
Figure 36

5. DIRECT MOUNTING (DM)(suitable for all power of this series)

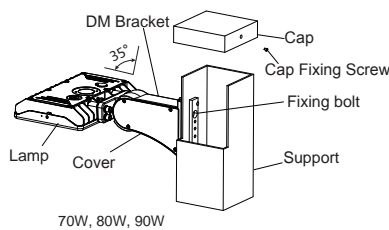
Step 1: Open the side lid of direct bracket, pass the power cable through the direct bracket. Fix the direct bracket to the end of lamp body with bolt. Pass the pole cable through the direct bracket(Figure 37);

Step 2: Fix the direct bracket to the square pole with bolt. Connect the power cable to the pole cable, make sure good protection on wire connection, and put the wire in the direct bracket; close the side lid and tighten it, (Figure 38) then finish installation.

Notice: Adjustable angle is 0~35°(Figure 38)

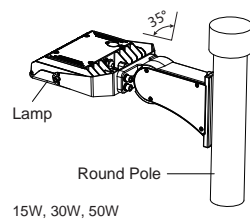


15W, 30W, 50W

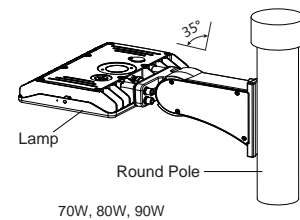


70W, 80W, 90W

Figure 37



15W, 30W, 50W



70W, 80W, 90W

Figure 38

6. ADJUSTABLE FITTER MOUNTING & DIRECT MOUNTING (A&DM)(suitable for all power of this series)

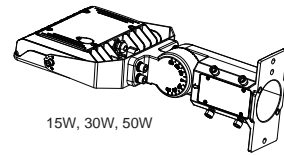
6.1 ADJUSTABLE FITTER MOUNTING

Step 1: Remove the spare parts, the remaining parts as shown in Figure 39;

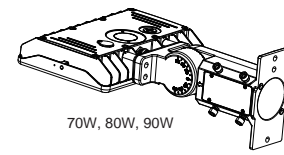
Step 2: Loosen the 4 locking bolts on the slip fitter, connect the wires correctly and put the wire into pole. Then fasten the locking bolts between slip fitter and the pole(Figure 40);

Step 3: Loosen the fixing bolts and adjusting bolts, adjust fixture angle as per actual demands. Tighten adjusting bolt and fixing bolts after the angle is confirmed(Figure 40).

Notice: Adjustable angle is 0~+/-90°(Figure 40)

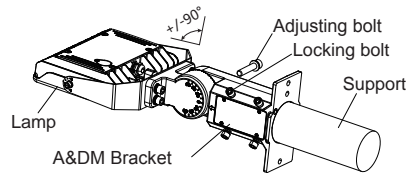


15W, 30W, 50W

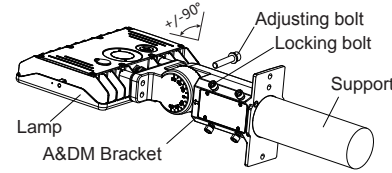


70W, 80W, 90W

Figure 39



15W, 30W, 50W



70W, 80W, 90W

Figure 40

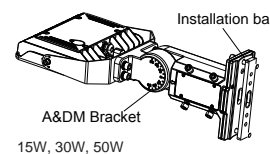
6.2 DIRECT MOUNTING

Step 1: Change the rubber plug on the Installation bar to the A&DM bracket(Figure 41);

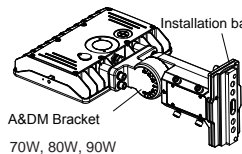
Step 2: Fix the DM bracket to the square pole by bolt. Connect the power cable with pole cable, make sure good protection on wire connection, and put the wire in the DM bracket; close the side lid and tighten it, (figure 42) then finish installation.

Notice: Adjustable angle is 0~+/-90°(Figure 42)

Notice: Round pole should be with adapting plate(Figure 43).

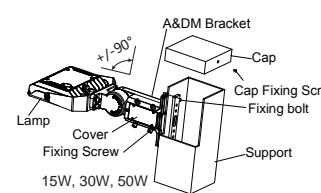


15W, 30W, 50W

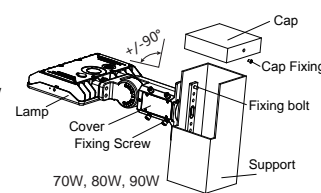


70W, 80W, 90W

Figure 41



15W, 30W, 50W



70W, 80W, 90W

Figure 42

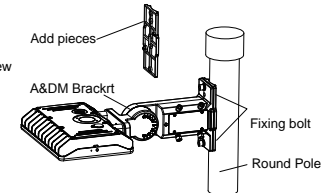


Figure 43

Attention: 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 44)

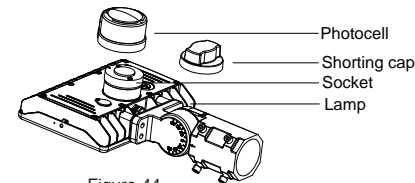


Figure 44

Standard wire:

L/live wire: Black\Brown;

N/null wire: White\Blue;

Ground wire: Green\Yellow-green.

Color temperature adjustment instructions

Step 1: Find the switch to adjust CCT(Figure 45);

Step 2: Light up the lamp, push aside the fixing piece to show the black button, and adjust the color temperature by pressing the black button(Figure 46);

Step 3: Once the color temperature is confirmed, return the fixing piece back to the original position and tighten the screw to lock the fixing piece(Figure 47).

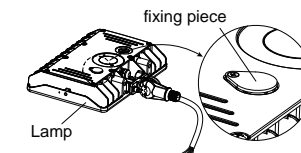


Figure 45

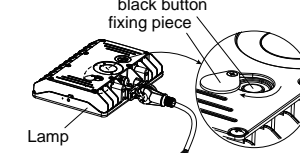


Figure 46

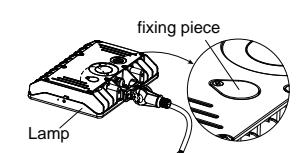


Figure 47

WARNING/AVERTISSEMENT:

MIN 90 °C SUPPLY CONDUCTOR

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

LES FILS D'ALIMENTATION 90 °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.