

LED FLOOD LIGHT

Installation Instructions



**THIS INSTALL MANUAL IS APPLICABLE FOR
MODEL NO : FLLS-15W/25W/35W/60W/80W/100W/150W**

SAFETY INFORMATION

IMPORTANT

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

PRECAUTIONS

- Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
- This light fixture requires a 120-277 Volt AC power source.
- Some codes require installation by a qualified electrician.
- This light fixture must be properly grounded.
- Make sure connections are secure using wire nuts, crimp-on lugs or other approved connecting devices
- Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.



WARNING: Turn the power off at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is off at the light fixture.



CAUTION: Burn hazard. Allow the light fixture to cool before touching.



NOTICE: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.



INFORMATION: The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device must accept any interference received, including any interference that may cause undesired operation. These limits are designed to provide reasonable protections against harmful interference when the equipment is operated in a commercial environment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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Cautions:

1. Do not use an electric generator to test LED fixtures.
2. Please abide by related country, regional and local law and regulations when installing this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happens, please turn off the power immediately and notify relevant personnel.

Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

1.1 Installed with 1/3 Knuckle Mount (suitable for 15W-80W) (b=AM)

Step 1: Take the fixture out of package.

Step 1: Match the hole of rubber mat with bracket, pass wire through and fix it with screw (watch out not to scratch the wire). Figure 1.1

Step 3: Pass the wire through from the other bracket and fix it with screws. (Watch out not to scratch the wire). Figure 1.2

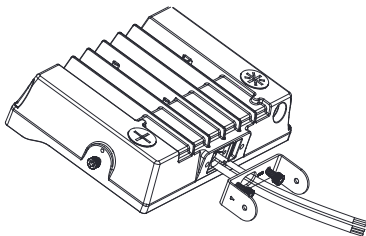


Fig 1.

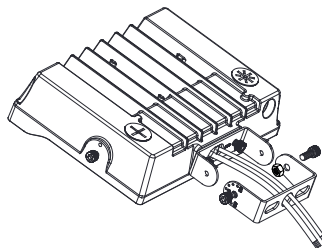
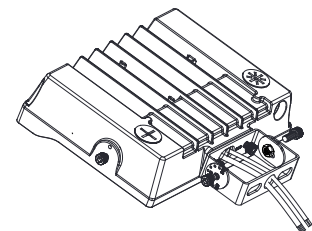


Fig 1.



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1.2 Installed with whole fixture (suitable for 15W-80W)

Step 1: Take the fixture out of package

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), Figure 1.3 and then put wire into Imp pole. Figure 1.4

Step 2: Loosen screw, adjust fixture angles as per actual demands and tighten screws later. angles of the fixture is adjustable (pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirement. Figure 1.5

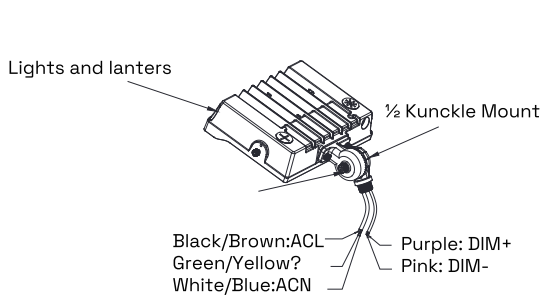


Fig 1.3

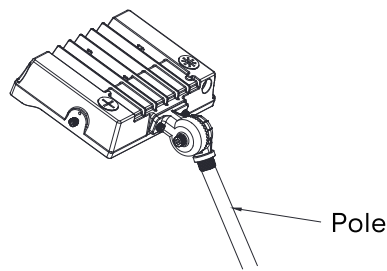


Fig 1.4

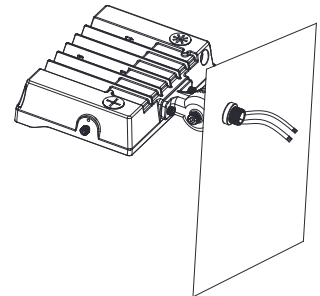


Fig 1.5

Installation 2: Slip Fitter Mount

2.1 Installed with slip Fitter Mount (suitable for 80W-150W) (b=AM/AM2)

Step 1: Take the fixture out of package

Step 2: Pass the rubber wire through the mounting head of the bracket and secure it with an inner hexagon screw. (Watch out not to scratch the wire). Figure 2.1

Step 2: Run the rubber wire through the other holder and tighten it with the hexagon socket screw. (Watch out not to scratch the wire). Figure 2.2

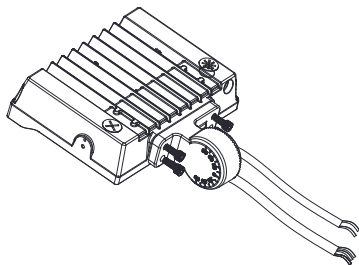


Fig 2.1

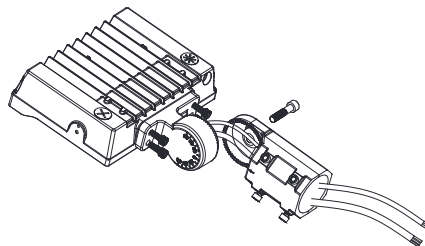
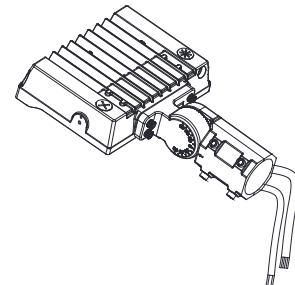


Fig 2.2



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2.2 Installed with whole fixture (suitable for 80W-150W)

Step 1: Take the fixture out of package

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire, and ground wire), and then put wire into lamp pole. Figure 2.3

Step 3: Loosen screw, adjust fixture angles as per actual demands and tighten screws later. angles of the fixture is adjustable (pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirement. Figure 2.4

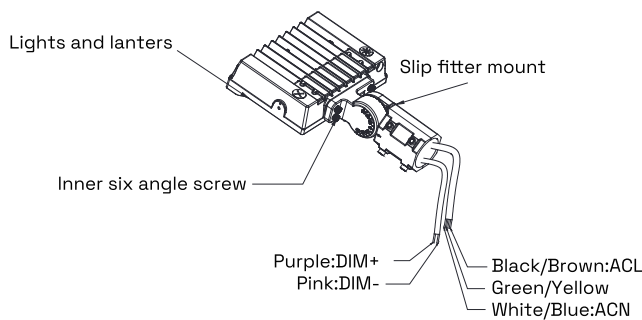


Fig 2.3

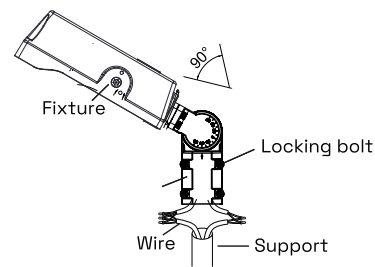


Fig 2.4

Installation 3: Slip Fitter Mount

3.1 Installed with Slip Fitter Mount (suitable for 80W-150W)(b=AM3)

Step 1: Take the fixture out of package

Step 2: Pass the rubber wire through the mounting head of the bracket and secure it with an inner hexagon screw. (Watch out not to scratch the wire). Figure 3.1

Step 3: Run the rubber wire through the other holder and tighten it with the hexagon socket screw. (Watch out not to scratch the wire). Figure 3.2

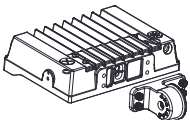


Fig 3.1

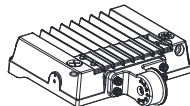


Fig 3.2

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3.2 Installed with whole fixture (suitable for 80W-150W)

Step 1: Take the fixture out of package

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire, and ground wire), and then put wire into lamp pole. Figure 3.3

Step 3: Loosen screw, adjust fixture angles as per actual demands and tighten screws later. angles of the fixture is adjustable (pass the bracket through mounting surface, fix it with screws, then connect the wires as per proper wiring requirement. Figure 3.4

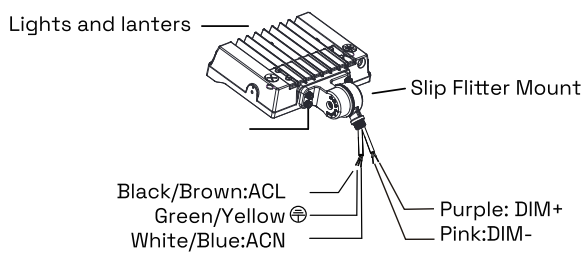


Fig 3.3

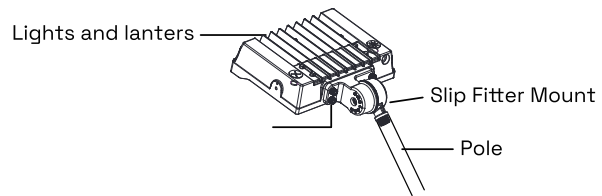


Fig 3.4

Installation 4: Adjustable Fitter Mounting & Direct Mounting

4.1 Adjustable Fitter Mounting (suitable for 80W-150W)(b= A&DM)

Step 1: Remove the spare parts from A&D bracket Figure 4.1

Step 2: Loosen the fur bolts on A&D bracket, connect the wires correctly, and pull the wires into the poles. Figure 4.2

Step 3: Place the bracket into the pole and lock the four bolts. Figure 4.1

Notice: adjustable angle is 0-90° Figure 4.2

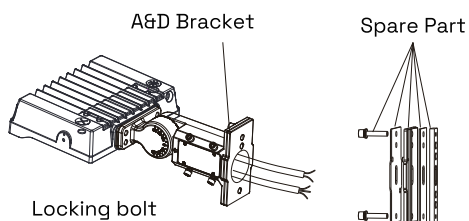


Fig 4.1

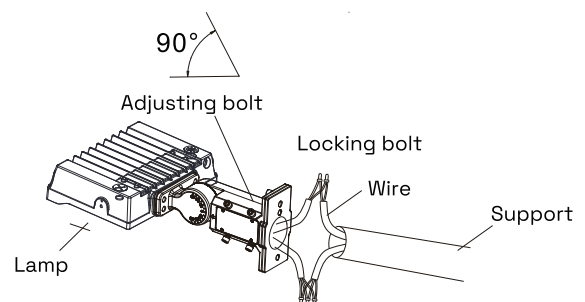


Fig 4.2

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4.2 Direct Mounting (suitable for 80W-150W) (b=A&DM)

Step 1: Remove the four bolts from A&D 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 4.3

Step 2: Fix A&D bracket to square pole with bolt, open the cover of A&D bracket junction box Figure 4.4

Notice : Adjustable angle is 0-90°. Figure 4.3

Same as round pole installation, please remember to use the adpting plate for round pole installation. Figure 4.5

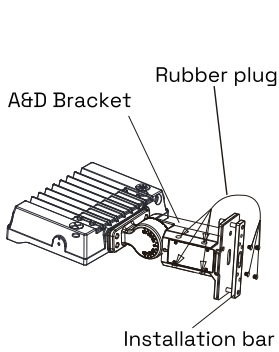


Fig 4.3

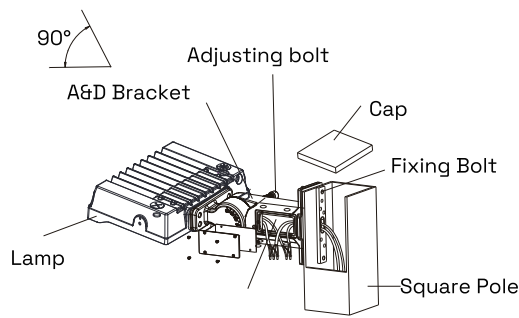


Fig 4.4

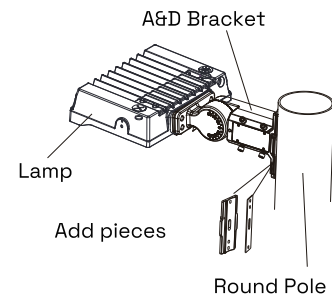


Fig 4.5

Installation 5: Direct Mounting (suitable for 80W-150W) (b=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 5.1

Step 2: Pu the connected wire into the junction box, then cover the junction box Figure 5.2

Notice : Adjustable angle is 0-35°. Figure 20

Same as round pole installation, please remember to remove the silicon plate when install the fixtyre in round pole. Figure 5.3

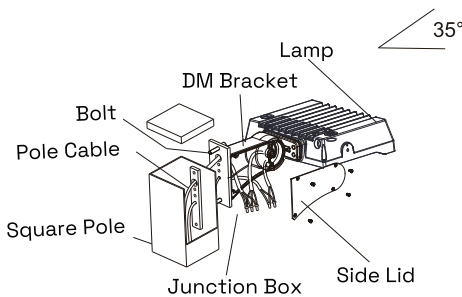


Fig 5.1

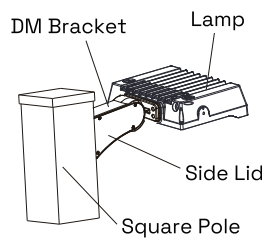


Fig 5.2

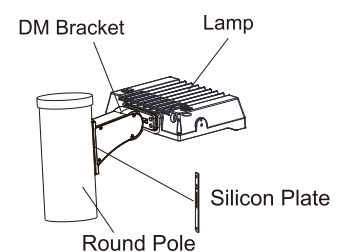


Fig 5.3

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Installation Instructions



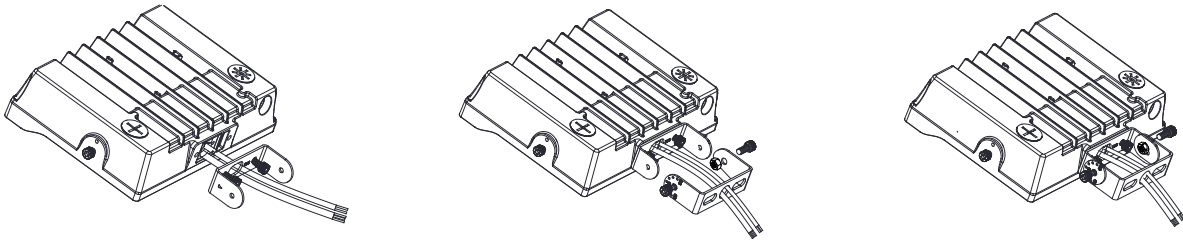
Installation 6: Trunnion Mount

6.1 installed with trunnion mount (suitable for all power of this series)

Step 1: Take the fixture out of package.

Step 2: Run the glue wire through the hole in the mounting bracket and secure the fixture and bracketed with an inner hexagon screw (Watch out not to scratch the glue wire) Figure 6.1

Tighten the other bracket with screws. Figure 6.2



6.2 Installed with trunnion mount (suitable for all power of this series) 80W-150W (b=YM)

Step 1: Take the fixture out of package.

Step 2: Run the glue wire through the hole in the mounting bracket and secure the fixture and bracketed with an inner hexagon screw (Watch out not to scratch the glue wire) Figure 6.3

Tighten the other bracket with screws. Figure 6.4

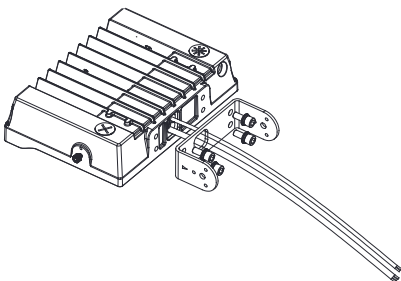


Fig 6.3

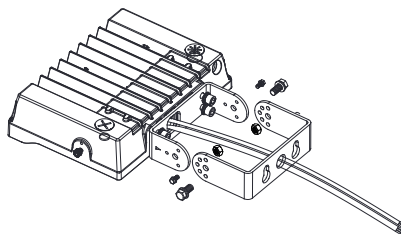


Fig 6.4

6.3 Installed with Whole fixture (suitable for all power of this series)

Step 1: Take the fixture out of package.

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire and ground wire). Figure 6.5

Step 3: Loosen screws, Adjust fixture angles as per actual demands and tighten screws later Figure 6.6

Tips: angles of the fixture is adjustable.

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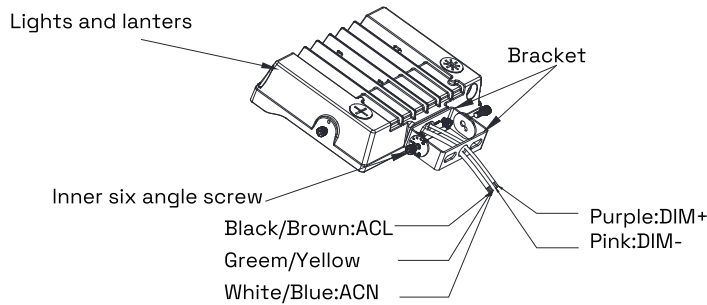


Fig 6.5

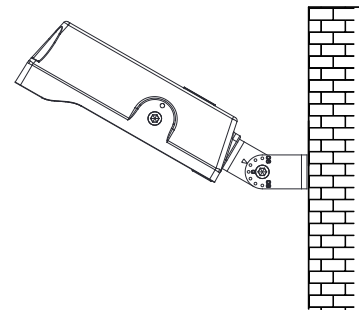


Fig 6.6

Installation 7: Yoke Mount 7.1 installed with yoke mount (suitable for all power of this series) (suitable for 15W-150W) (b=FM)

Step 1: Take the fixture out of package.

Step 2: Tighten the other bracket and screws. Figure 6.4

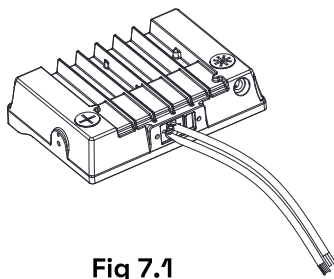


Fig 7.1

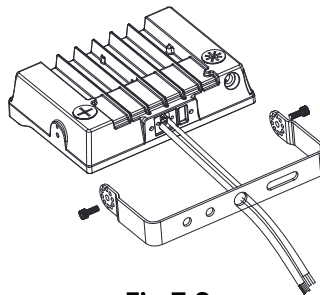
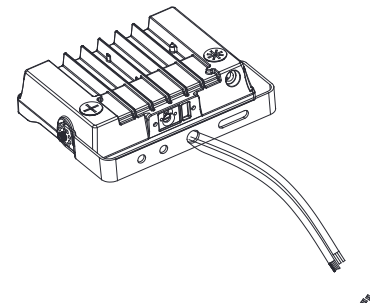


Fig 7.2



7.2 Installed with Whole fixture (suitable for all power of this series)

Step 1: Take the fixture out of package.

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire and ground wire). Figure 7.3

Step 3: Loosen screws, Adjust fixture angles as per actual demands and tighten screws later Figure 7.4

Tips: The angle of the fixture is adjustable.

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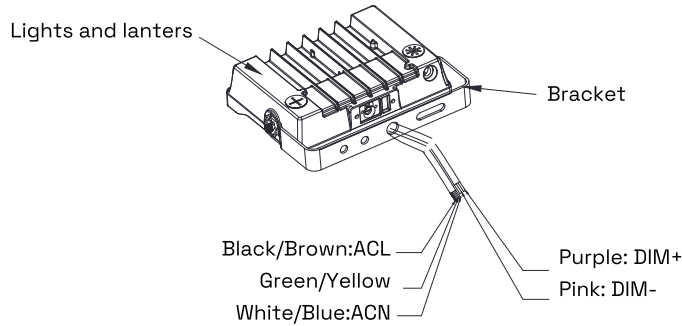


Fig 7.3

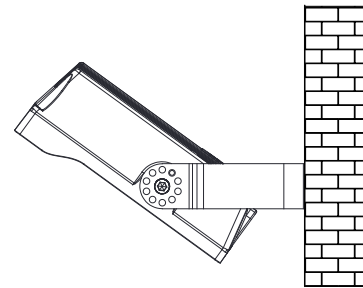


Fig 7.4

Installation 8: York mount and sip fitter bracket

8.1 install slip fitter mount (AM) through york mount (FM) supporter (suitable for 15W-150W)

- Step 1: Pass the core wire through the hole of the FM support, and then tighten hexagon socket screw, and then Figure 8.1
- Step 2: Put the core wire through the waterproof rubber plug, through the bracket fixing seat and match with the waterproof rubber plug. Figure 8.2
- Step 3: Run the core wire through the mounting head of the AMM bracket and tighten socket hex screw Figure 8.3

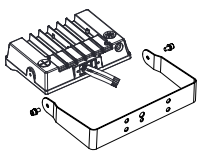


Fig 8.1

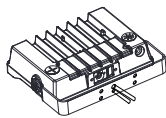


Fig 8.2

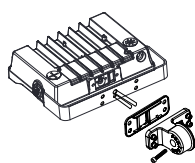
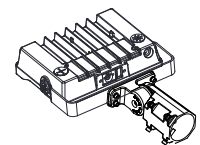
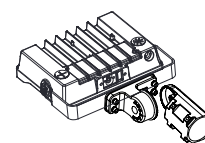
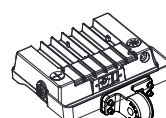


Fig 8.3



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8.2 Installed with whole fixture (suitable for 15W-150W)

Step 1: Take the fixture out of package.

Step 2: Finish the 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 8.4

Step 3: Loosen screws, Adjust fixture angles as per actual demands and tighten screws later,

angles 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 8.5

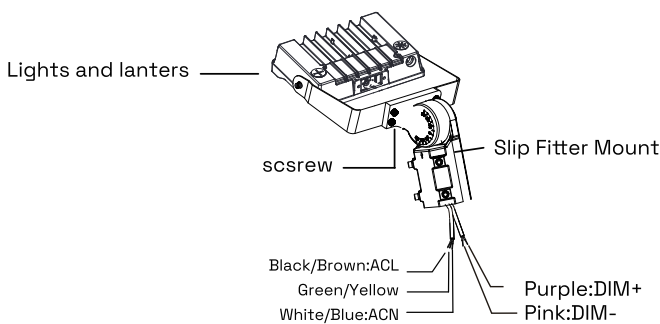


Fig 8.4

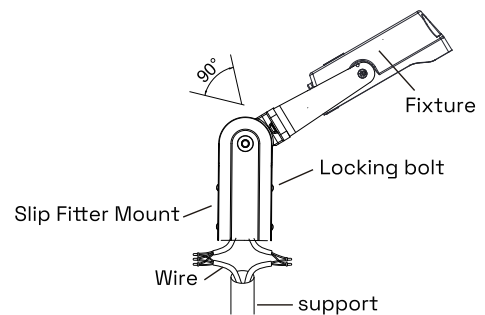


Fig 8.5

Installation 9 : Function adjustment

Step 1: Open the metal plug and plastic plug counterclockwise with a screwdriver Figure 9.1

then slide the switch up and down to adjust the power controller, CCT controller or photocell controller in your demand Figure 9.2

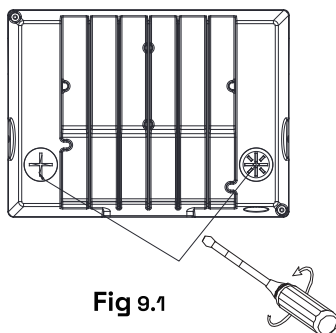


Fig 9.1

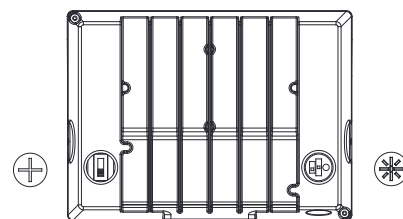


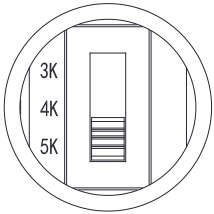
Fig 9.2

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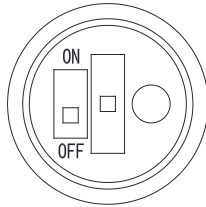


Step 2: After adjusting the required control function Figure 9.3, tighten the metal plug and the plastic plug clockwise. Figure 9.4



Color temperature controller

Fig 9.3



Photocell and power controller

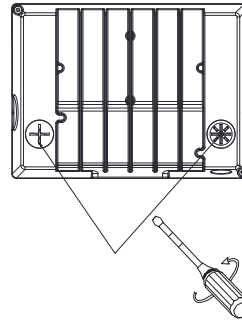


Fig 9.4

Warning

MIN 75° C SUPPLY CONDUCTORS

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 SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 50°C.

CONDUCTEURS D'ALIMENTATION MIN 75° C

CE PRODUIT DOIT ÊTRE INSTALLÉ CONFORMÉMENT AU CODE D'INSTALLATION APPLICABLE PAR UN PERSONNE FAMILIERE AVEC LA CONSTRUCTION ET LE FONCTIONNEMENT DU PRODUIT ET LES DANGERS IMPLIQUÉ ADAPTÉ AU FONCTIONNEMENT DANS UNE AMBIANCE NE DÉPASSANT PAS 50°C.