

LED Flood Light Installation Instructions

THIS INSTALL MANUAL IS APPLICABLE FOR

MODEL NO : FLLS-15T35W-3CCT-DV2-PC-BZKM/FLLS-40T80W-3CCT-DV2-PC-BZKM/FLLS-100T150W-3CCT-DV2-PC-BZAM

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 120-277VAC 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.
- This light fixture should be installed indoors to a ceiling, recessed mount application



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: If using dimming function, only connect to 0-10V approved dimming switches or control system



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 may not cause harmful interference and, (2) 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

Follow the steps below to install your LED Flood Light

TOOLS REQUIRED



Philips
Screwdriver



Wire
stripper



Electrical
tape

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APPLICATION AND SPECIFICATIONS

The LED Flood Light is suitable for:

- Industrial lighting
- Building exteriors
- Landscape lighting
- Courtyards
- Hotels and other commercial applications

Specification

- Power Options: 15W to 150W
- Voltage: 120-277VAC
- Adjustable Mounting Options
- Dimmable capabilities

INSTALLATION

Knuckle Mount (15W-80W)

1. Unpack the fixture.
2. Match the rubber mat with the bracket and pass the wire through it.
3. Fix the knuckle mount to the mounting surface with screws.
4. Connect the wires:
 - Positive (Black/Brown)
 - Negative (White/Blue)
 - Ground
5. Adjust the angle as required and tighten all screws.

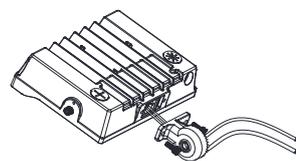


figure 1.1

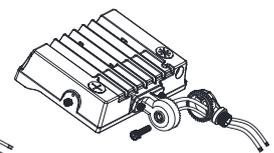
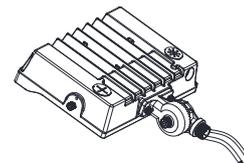


figure 1.2



Slip Fitter Mount (15W-150W)

1. Take the fixture out of the package carefully.
2. Pass the wire through the slip fitter bracket.
3. Secure the bracket using hexagonal screws.
4. Connect the wires properly and adjust the angle to fit requirements.
5. Tighten the screws and complete the installation.

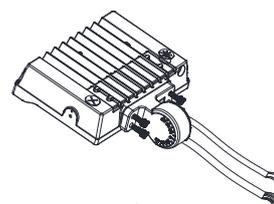


figure 2.1

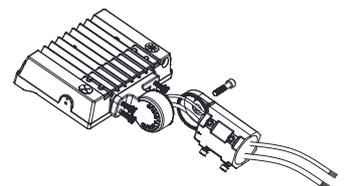
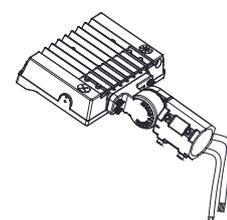


figure 2.2



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INSTALLATION

Yoke Mount (15W-150W)

1. Remove the fixture from the package.
2. Attach the yoke mount to the mounting surface using screws.
3. Connect the wires as per wiring requirements.
4. Adjust the angle as needed, and secure with bolts.

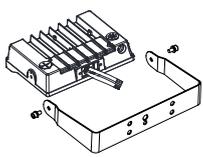


figure 8.1

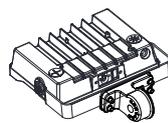
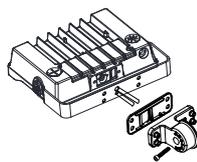
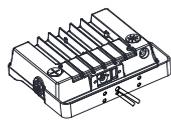


figure 8.2

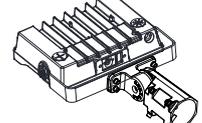
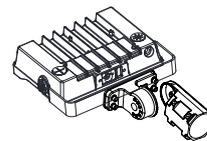


figure 8.3

Direct Mount (80W-150W)

1. Fix the direct mount bracket to a square or round pole using bolts.
2. Open the junction box and connect the wires.
3. Insert the connected wires into the junction box and close it securely.
4. Adjust the angle (0-35°) and tighten the screws.

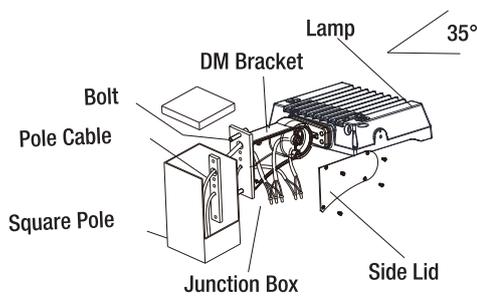


Figure 5.1

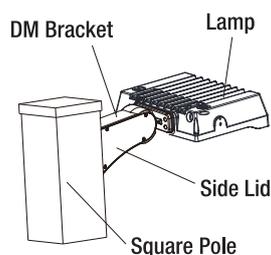


Figure 5.2

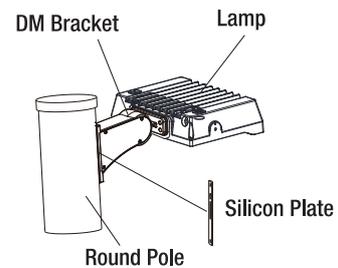
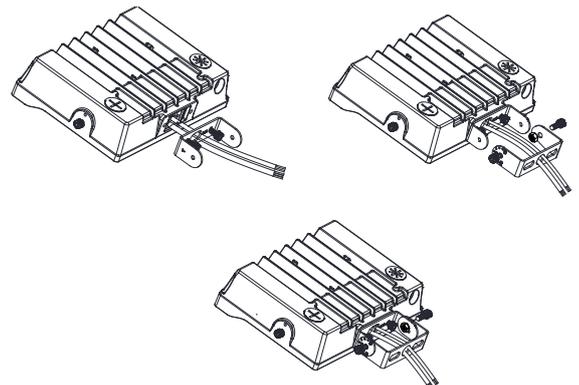


Figure 5.3

Trunnion Mount (15W-150W)

1. Remove the fixture from the packaging.
2. Pass the wire through the mounting bracket and secure the trunnion mount with screws.
3. Adjust the angle to the desired position and tighten all screws.



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INSTALLATION

Adjustable Features

1. Most mounts, including slip fitter, yoke, and trunnion mounts, allow for adjustable angles from 0° to 90° depending on the installation needs.

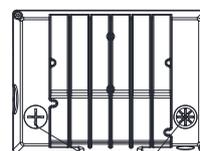


figure 9.1

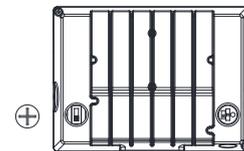


figure 9.2

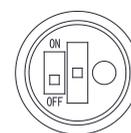
Function Adjustment

For models with adjustable power, color temperature (CCT), or photocell controllers:

1. Open the adjustment area using a screwdriver.
2. Use the provided DIP switches to select the desired setting:
 - Adjust power or brightness levels.
 - Set the color temperature (3500K, 4000K, or 5000K).
3. Secure the adjustment area with the screws after configuration.



color temperature controller



photocell and power controller

figure 9.3



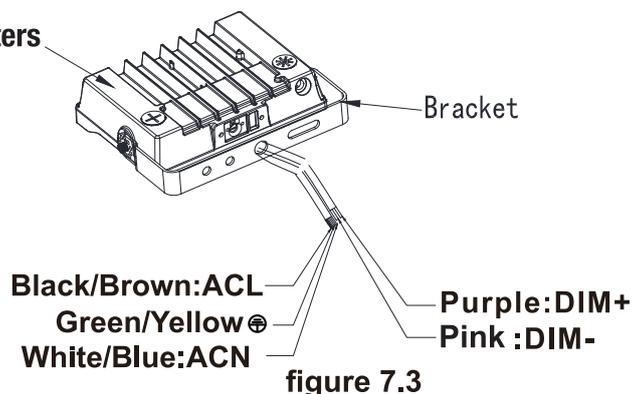
figure 9.4

Wiring Diagrams

Standard Wiring:

- Positive (Black/Brown)
- Negative (White/Blue)
- Ground (Green/Yellow)

Lights and lanterns



For Dimmable Fixtures:

1. Most mounts, including slip fitter, yoke, and trunnion mounts, allow for adjustable angles from 0° to 90° depending on the installation needs.

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MAINTENANCE AND TROUBLESHOOTING

Common Issues and Solutions:

Wipe with a soft, damp cloth and mild detergent.

1. Light Does Not Turn On:

- Check the power supply.
- Verify wiring connections are secure.

2. Flickering or Uneven Light:

- Ensure proper dimmer compatibility and secure connections.

3. Emergency Backup Failure:

- Check battery connections.
- Replace the backup driver if necessary.

Maintenance:

- Clean the fixture regularly to maintain optimal light output.
- Inspect connections for wear or damage periodically.

WARRANTY AND CUSTOMER SUPPORT

The Manufacturer offers a 5-year limited warranty on all lighting products, covering repair, replacement, or prorated refunds for manufacturing defects during the warranty period or 50,000 hours of operation, whichever is sooner. This warranty is valid only for products installed per the Manufacturer's guidelines by certified electricians and used as intended. Unauthorized modifications, improper use, or damage caused by external factors such as power surges, accidents, or environmental conditions are not covered. To claim warranty service, customers must provide proof of purchase, installation details, and photos of the defective product. Replacement products carry the same warranty period as the original. The warranty does not include installation costs unless pre-approved by the Manufacturer. For assistance, please contact customer service at +1 (844) 870-5337.