

INSTALLATION INSTRUCTIONS

FLD (20W/60W/80W) SERIES INSTALLATION INSTRUCTIONS

INTRODUCTION

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES!

Electrical products can cause death or injury, or damage to property.

If in any doubt about the installation or use of this product, consult a certified electrician

WARNING

- Do not use an electric generator to test LED fixtures.
- Please abide by related country, regional and local law and regulations when install this fixture.
- Please turn off the power before installation or maintenance.
- Proper earth grounding is required to ensure safety.
- MIN 90°C supply conductors required.

NOTICE

1. To avoid possibility of electrical shock or fire, the installation should be done by a certified electrician.
2. Please wear gloves to avoid injury during installation.
3. If any smoke or spark occurs, please turn off the power immediately and consult a certified electrician.

ATTENTION

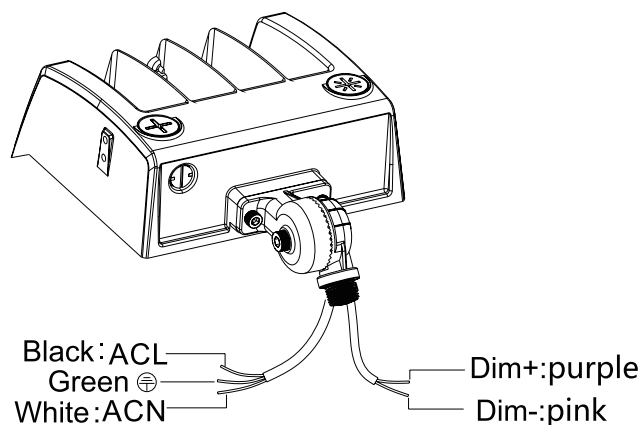
1. Please check if there is any damage during shipping. If so, please contact the manufacturer.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

INSTALLATION STEPS

Understanding Dimming Features

1. Please note that this product is dimmable.
2. This product can be dimmed using the following methods:
 - (1) 0-10VDC constant current dimming via dimming leads.
 - (2) Step dimming via dip switch
3. Please note that both dimming functions can be used in conjunction with one another, but are not required for operation.

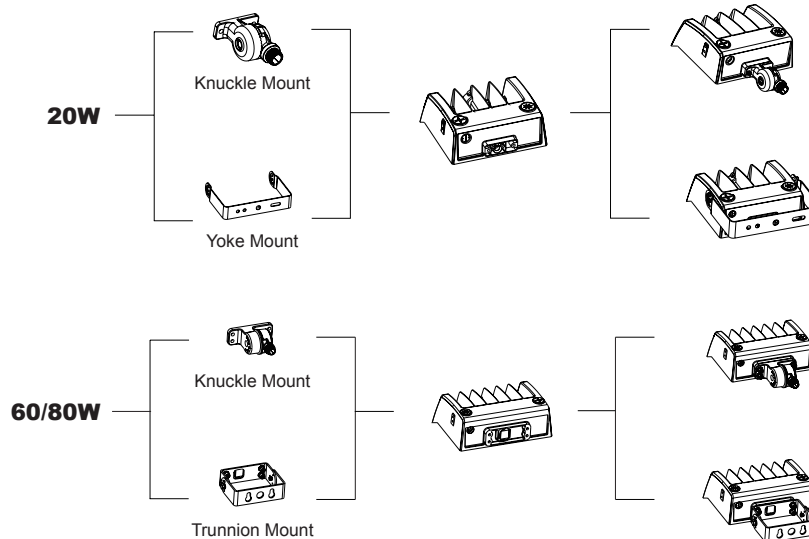
Wiring Diagram



INSTALLATION STEPS

Optional Brackets and Installation Instructions

There are two optional brackets for this fixture. The following is flood fixtures with different brackets.



1.1 Installing the 1/2 Knuckle Mount (suitable for 20W,60W,80W)

1. Take the fixture out of package
2. Match the hole of rubber mat with bracket, pass wire through and fix it with screws (Watch out not to scratch the wire) (FIG 1.1)
3. Pass the wire through from the other bracket and fix it with screws. (Watch out not to scratch the wire) (FIG 1.2)

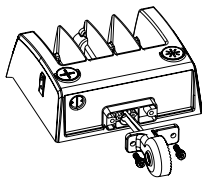


FIGURE 1.1

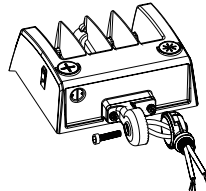
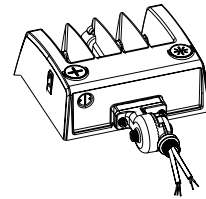


FIGURE 1.2



1.2 Install fixture with 1/2 Knuckle Mount (suitable for 20W,60W,80W)

1. Take the fixture out of package
2. Finish the wire connection according to the right mode of connection (pay attention to load wire, neutral wire, and ground wire), (FIG 1.3) and then put wire into lamp pole (FIG 1.4)
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.) (FIG 1.5)

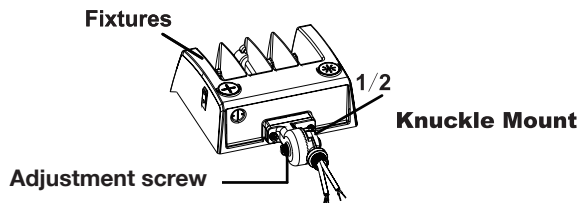


FIGURE 1.3

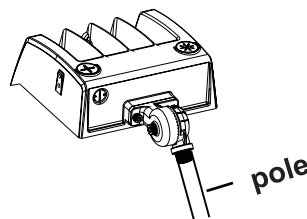


FIGURE 1.4

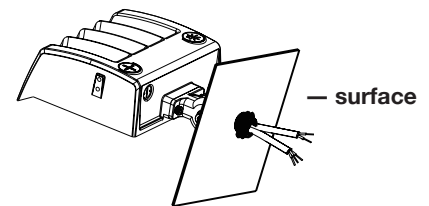


FIGURE 1.5

INSTALLATION STEPS

Installation 2: Yoke Mount

2.1 Installing the yoke mount (suitable for 20W only)

1. Take the fixture out of package (FIG 2.1)
2. Tighten the brackets and screws (FIG 2.2)

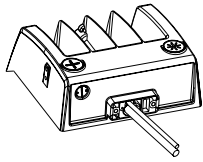


FIGURE 2.1

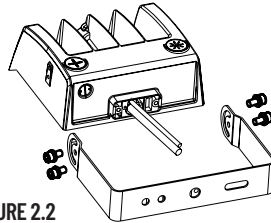
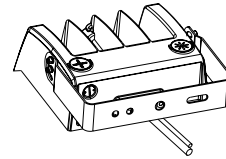


FIGURE 2.2



2.2 Install fixture with Yoke mount (suitable for 20W only)

1. Take the fixture out of package
2. Finish the wire connection according to the right mode of connection (pay attention to load wire, neutral wire, and ground wire) (FIG 2.3)
3. Loosen screw; Adjust fixture angles as per actual demands and tighten screws later. (FIG 2.4) Tip: Angles of the fixture is adjustable

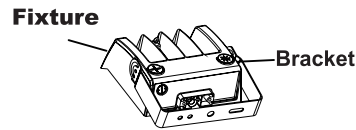


FIGURE 2.3

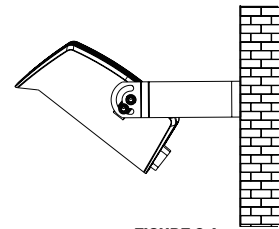


FIGURE 2.4

Installation 3: Trunnion Mount

3.1 Install the trunnion mount (suitable for 60W and 80W)

1. Take the fixture out of package (FIG 3.1)
2. Tighten the brackets and screws (FIG 3.2)

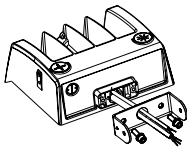


FIGURE 3.1

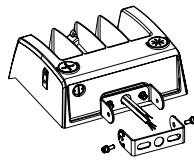
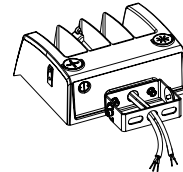


FIGURE 3.2



3.2 Installing fixture with trunnion mount (suitable for 60W and 80W)

1. Take the fixture out of package
2. Finish the wire connection according to the right mode of connection (pay attention to load wire, neutral wire, and ground wire) (FIG 3.3)
3. Loosen screw; Adjust fixture angles as per actual demands and tighten screws later. (FIG 3.4) Tip: Angles of the fixture is adjustable

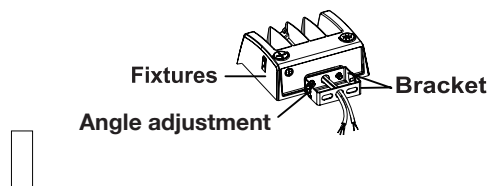


FIGURE 3.3

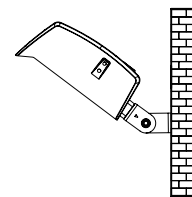


FIGURE 3.4

INSTALLATION STEPS

Installation 4: Function adjustment

1. Open the metal plug and plastic plug counterclockwise with a screwdriver (FIG 4.1),
2. Slide the switch up and down to adjust the power controller, CCT controller or photocell controller as needed. (FIG 4.2)

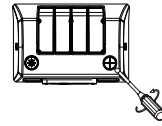


FIGURE 4.1

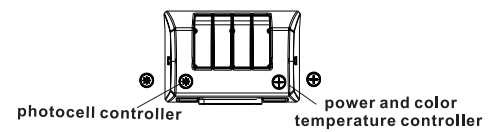
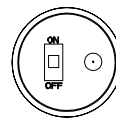


FIGURE 4.2

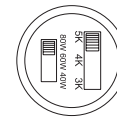
3. After adjusting the required control function (FIG 4.3), tighten the metal plug and the plastic plug clockwise (FIG 4.4)

NOTE Coin plug O-ring gasket must be properly installed to prevent water intrusion and damage.

*Actual settings depends on the fixture, these figures are for reference only.



photocell controller



Color and power controller

FIGURE 4.3*

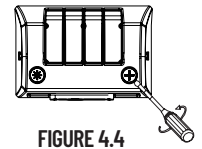


FIGURE 4.4

Installation 5: Optical Angle adjustment

1. Remove the fixture from the box, and insert the included tool into the slot within the adjustment knob (FIG 5.1)
2. Adjust the handle to the desired Angle by turning it left and right, as shown in the picture (FIG 5.2)

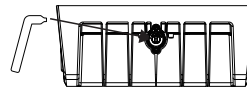


FIGURE 5.1

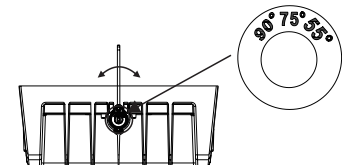


FIGURE 5.2