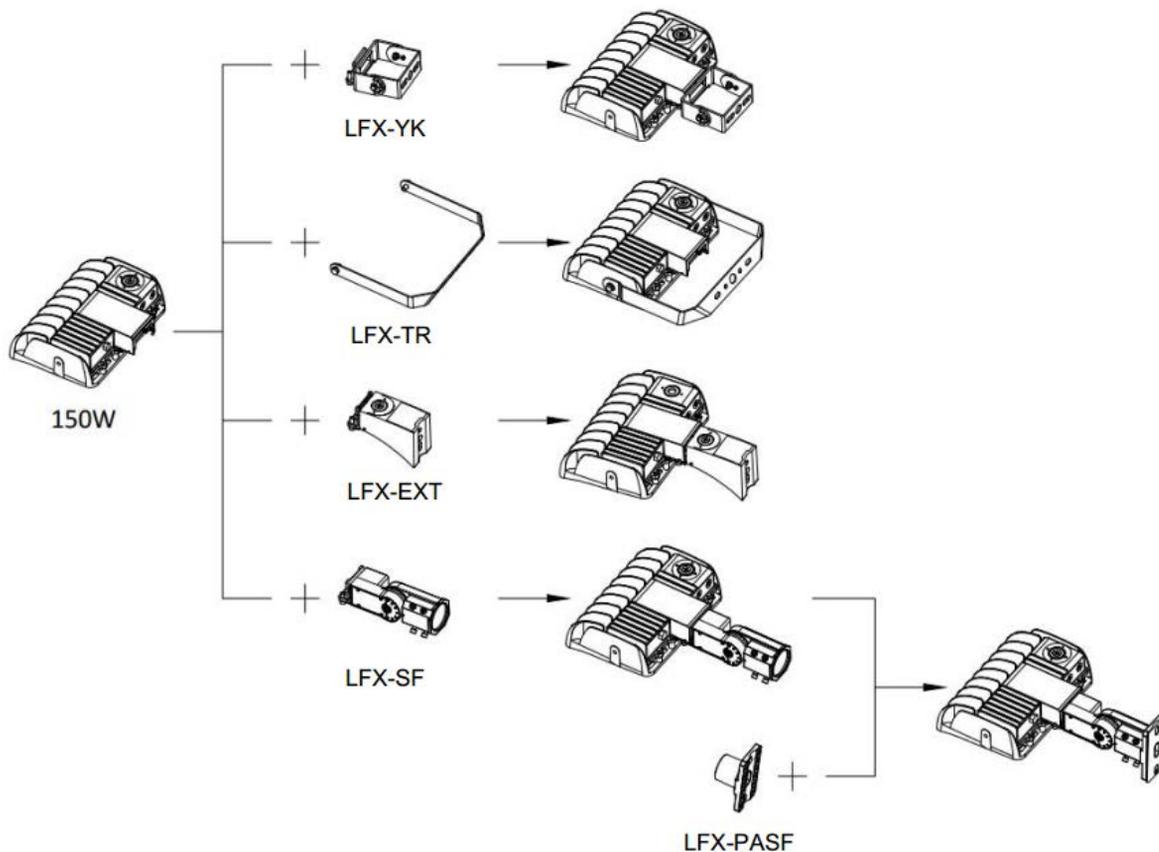


**SERIES:**

**LF4PRO-50-150W-MCTP**

**Model number parameter list:**

Item	Model	Input Voltage	Power Factor	Watt	Input Current
A	LF4PRO-50-150W-MCTP	100-277VAC 50/60HZ	≥0.9	50W 80W 100W 150W	1.8A



## 1. Introduction

- This LED Flood light uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency.
- The same as traditional HID lighting. There are two installation methods, suitable for various occasion.
- An internal power-factor-corrected switch-mode supply allows it to be used from any nominal 100-277VAC, 50/60Hz supply without any variation in light output.
- Suitable for use in the following locations:
  - Ambient Temp: -40~+122°F
  
  - Wet Locations

**Note:** Save these instructions for future reference.

## 2. Installation

### **Warning:**

**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.**

### **Warning:**

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

### **Warning:**

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

### **Warning:**

To avoid explosion:

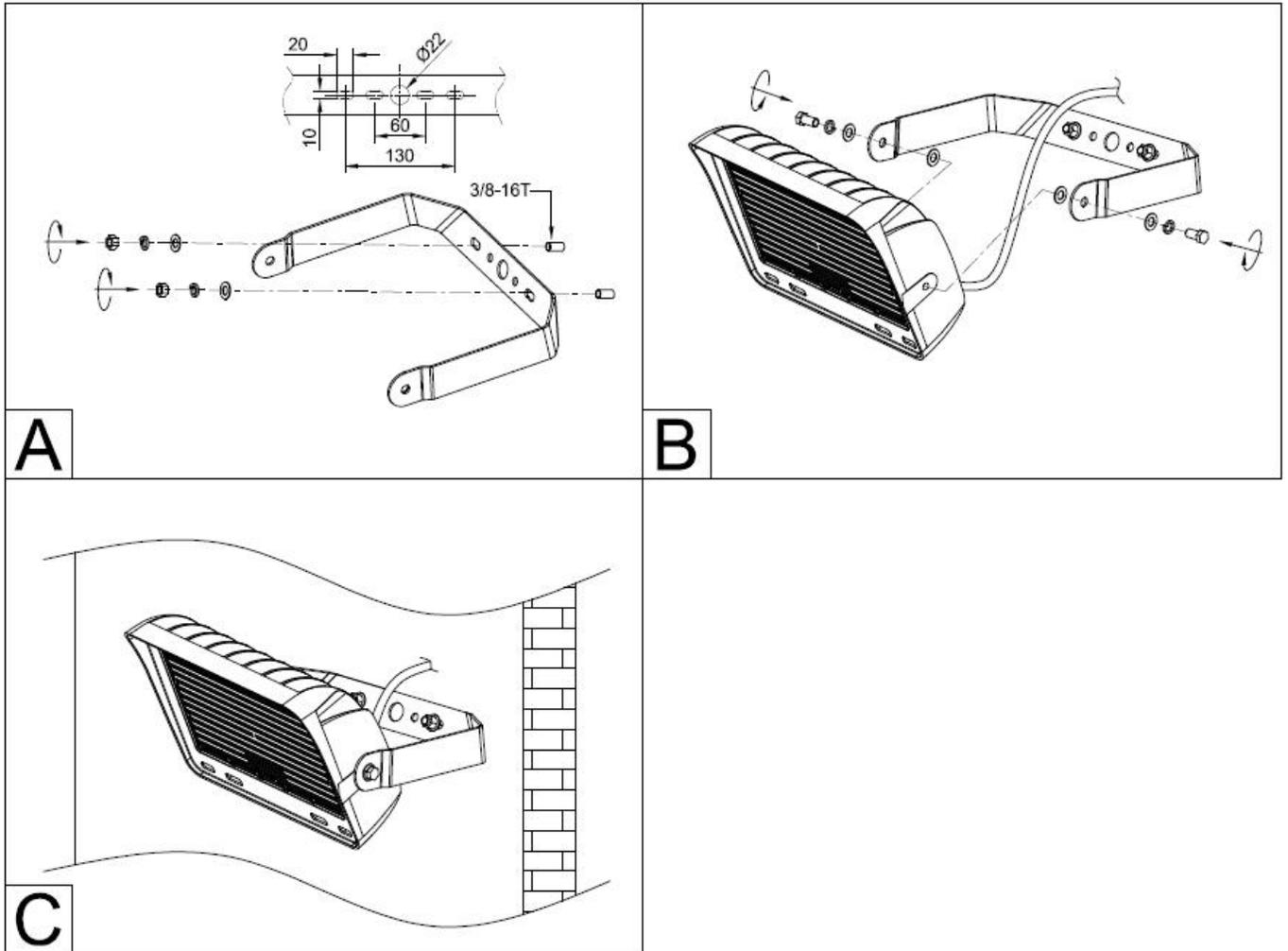
- Make sure the supply voltage is the same as the rated luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.

For supply connections use wire rated for at least 90°C

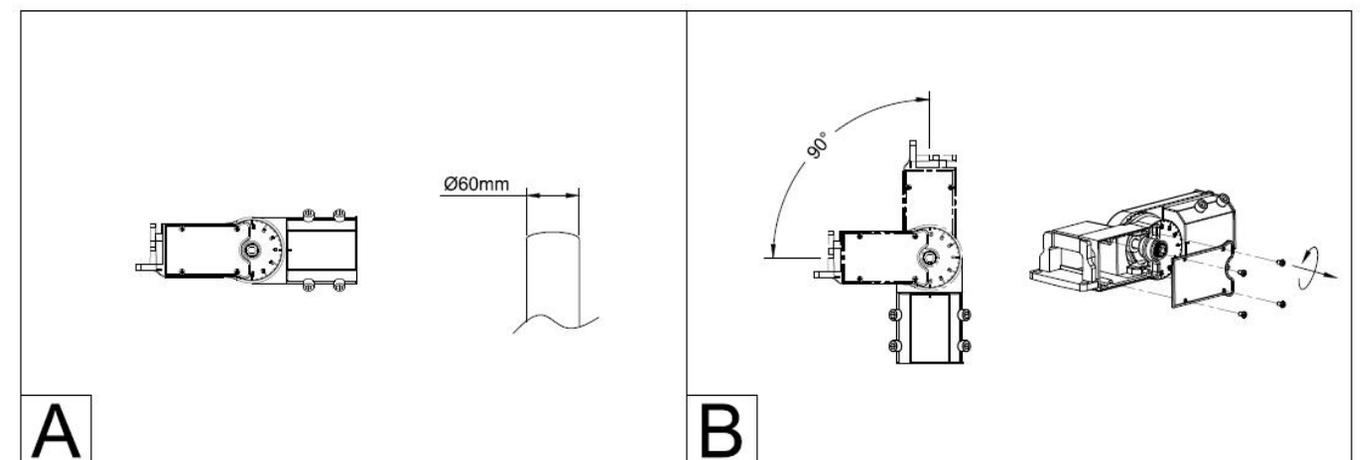
Installation Steps:

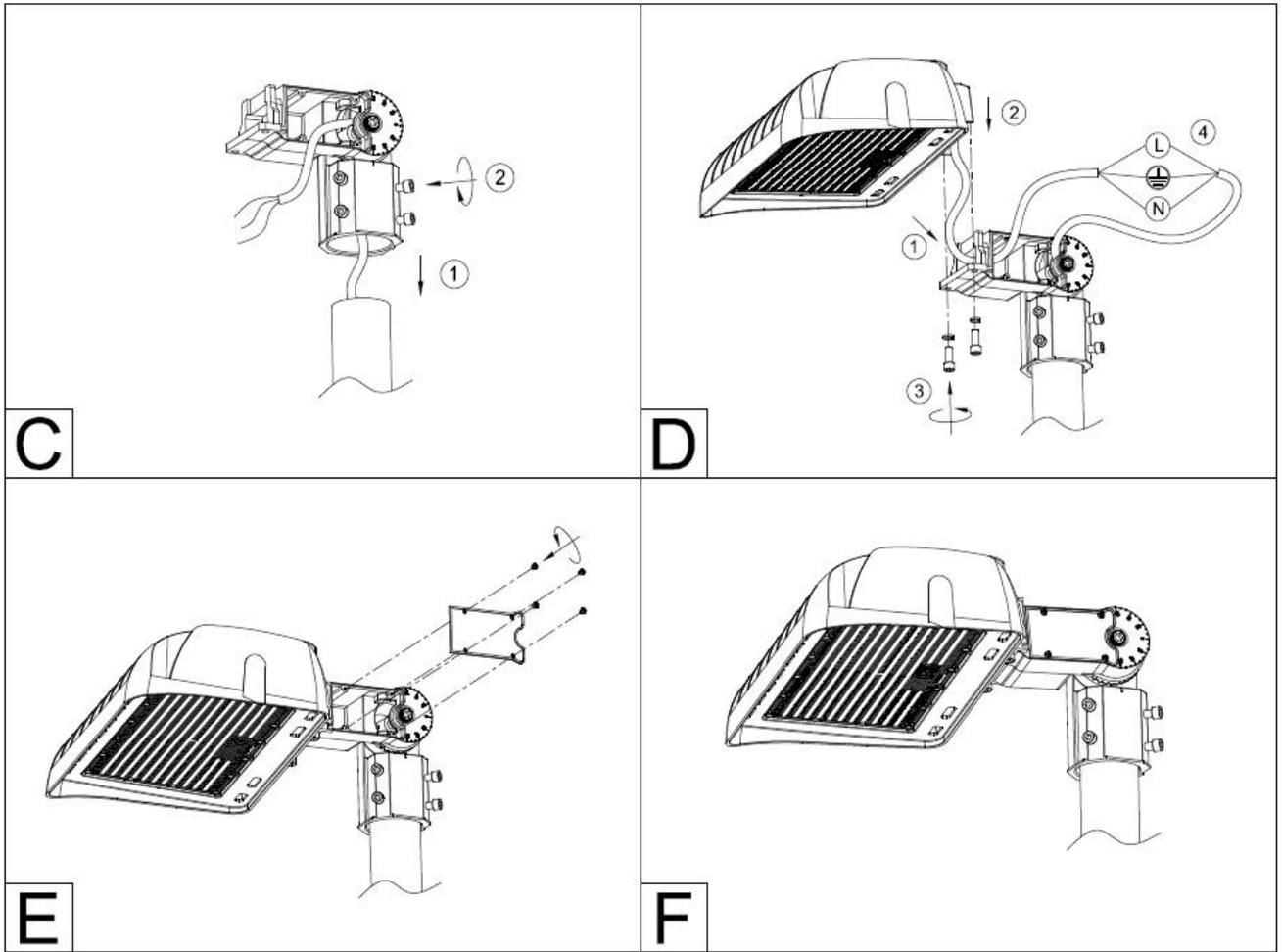
Refer to the following diagram when you install the fixture. Five installation methods, directly fix to the mounting surface or fix to a post with a knuckle.

1. Directly fix to mounting surface

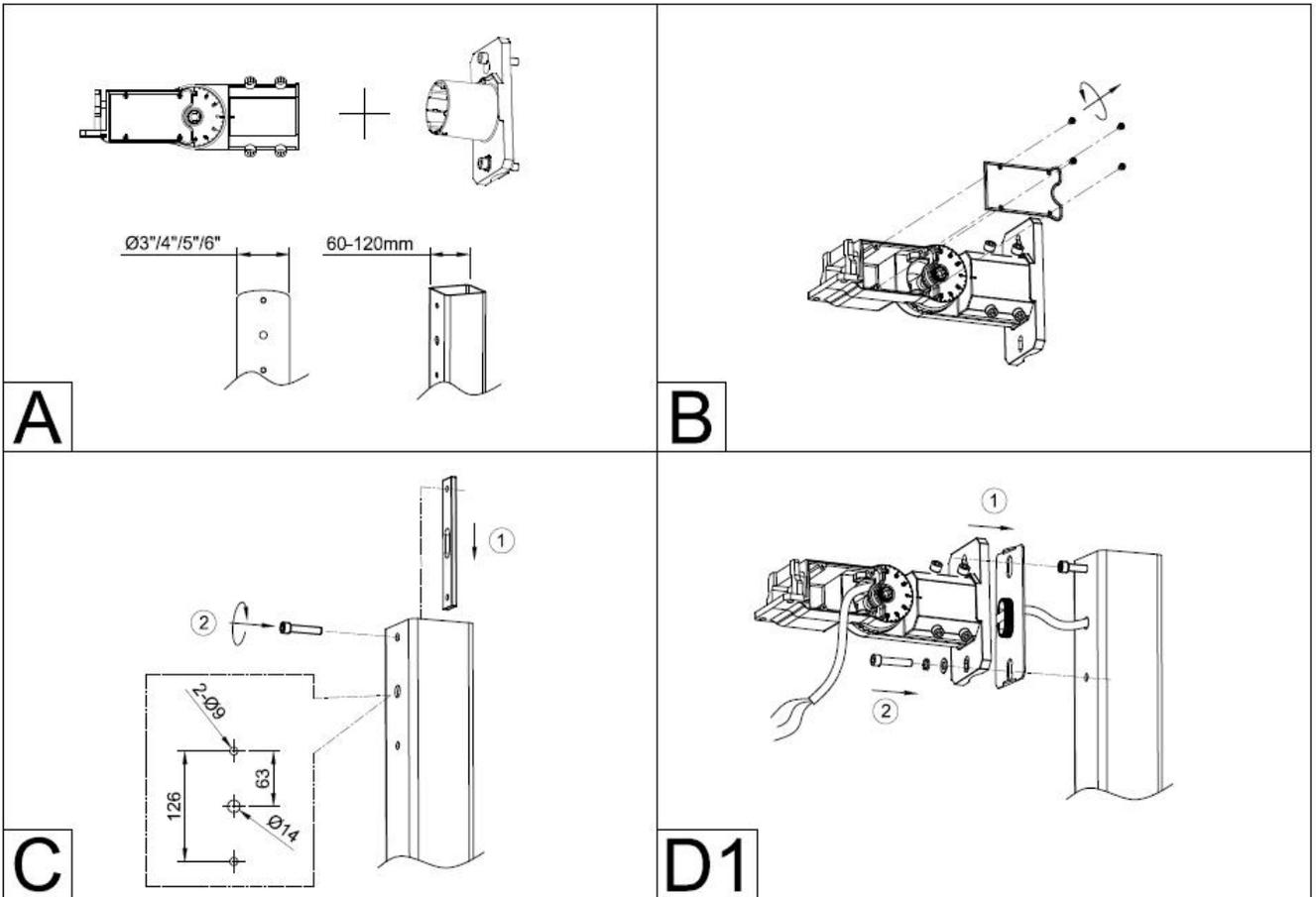


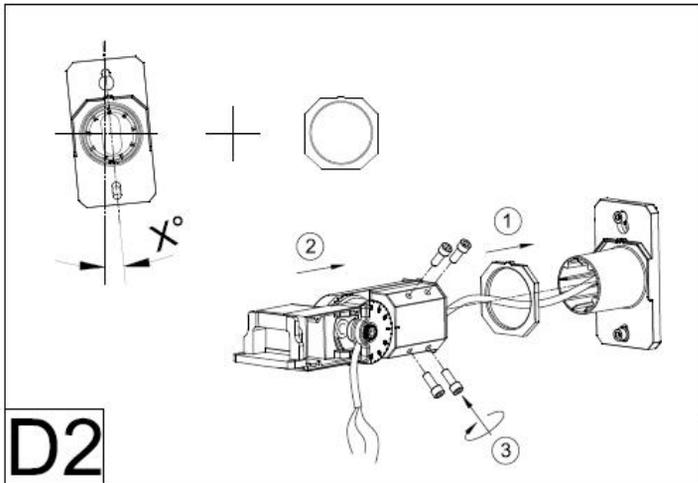
2. (1) Mounting with a Slip fitter:



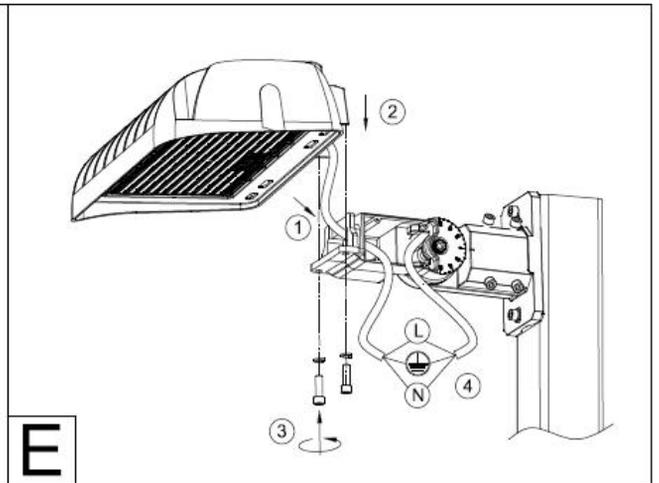


(2) Mounting with Slip fitter and Wall-mounted adapter:

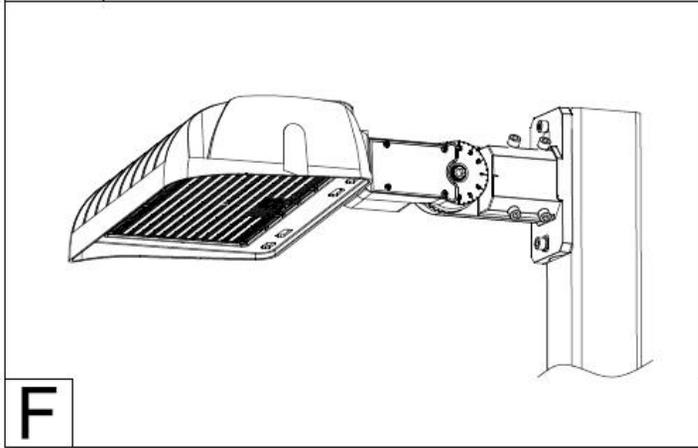




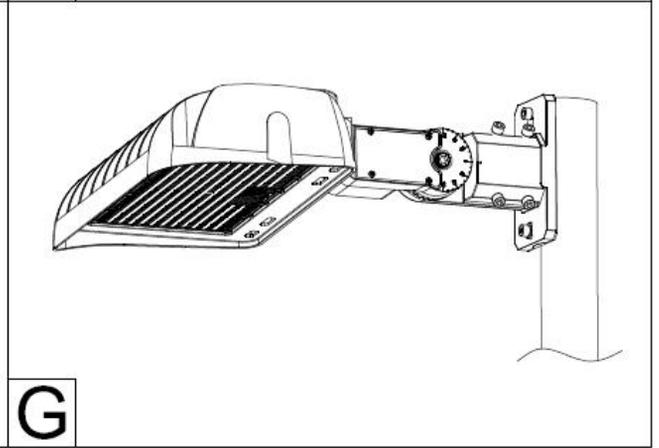
**D2**



**E**

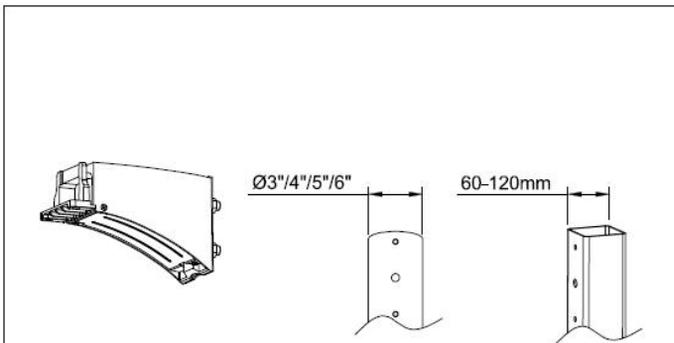


**F**

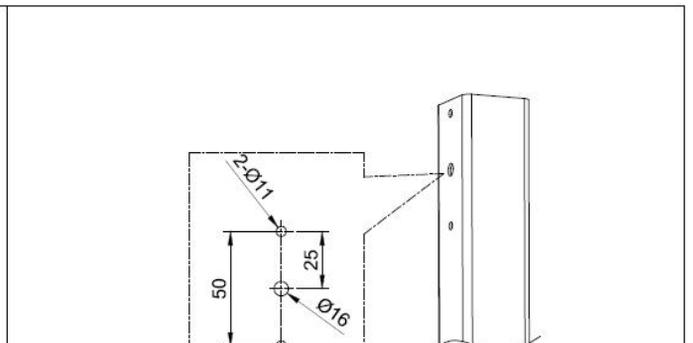


**G**

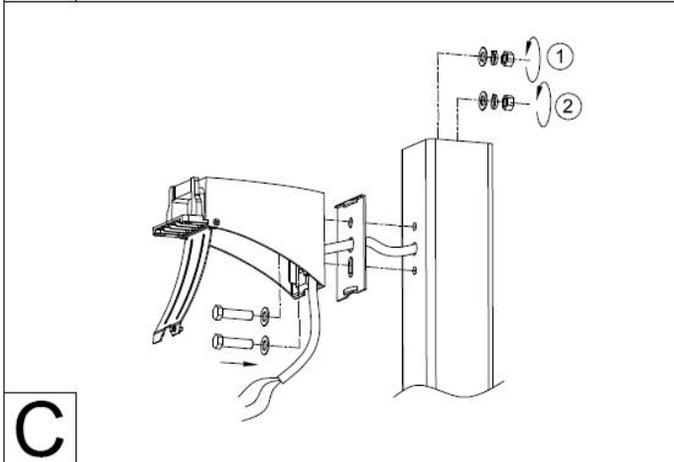
3. Mounting with Arm.



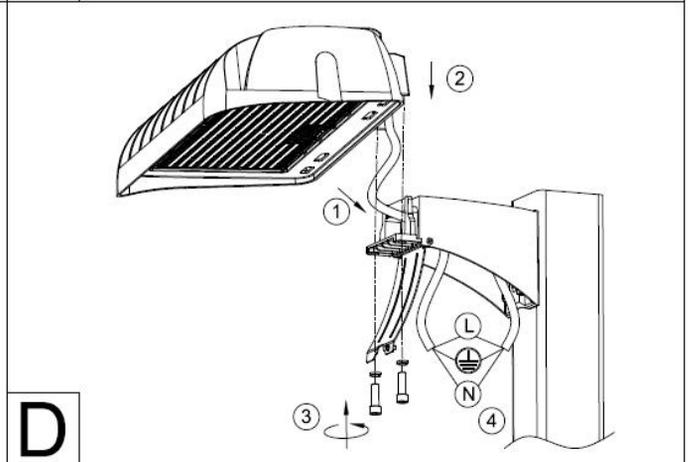
**A**



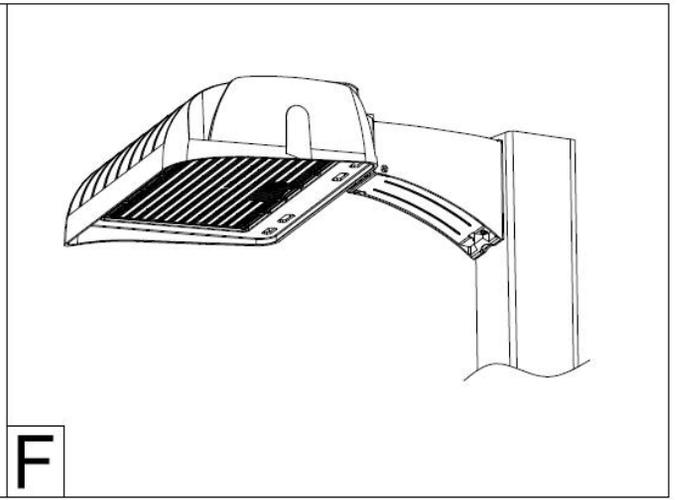
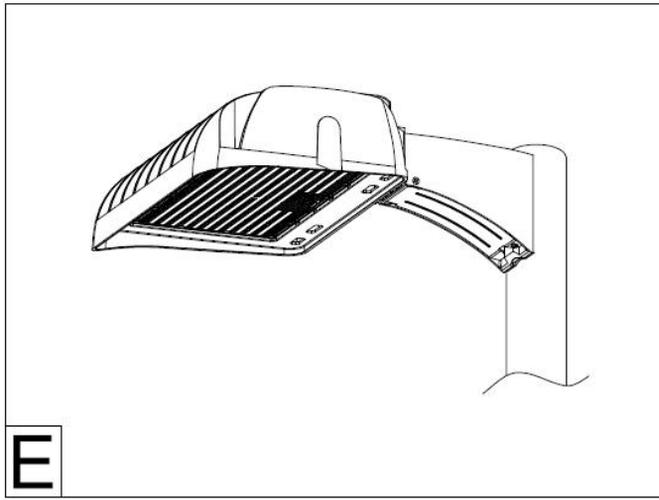
**B**



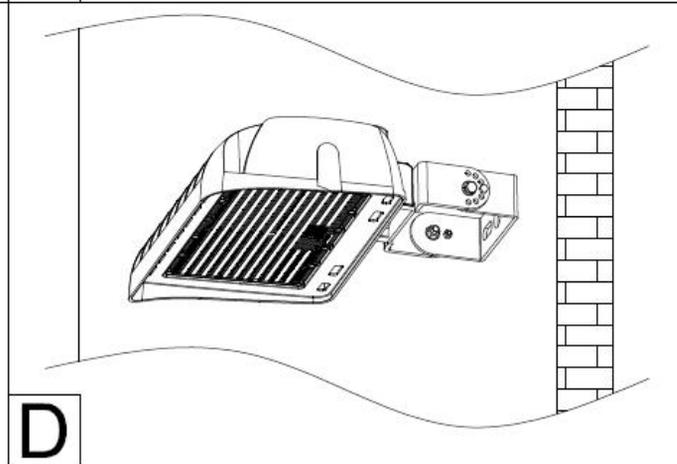
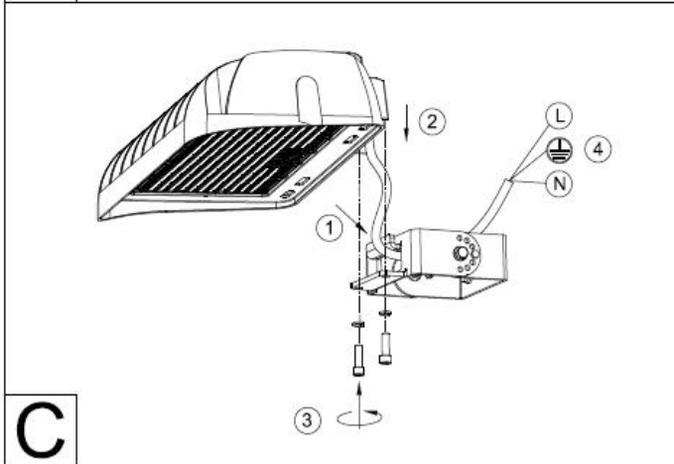
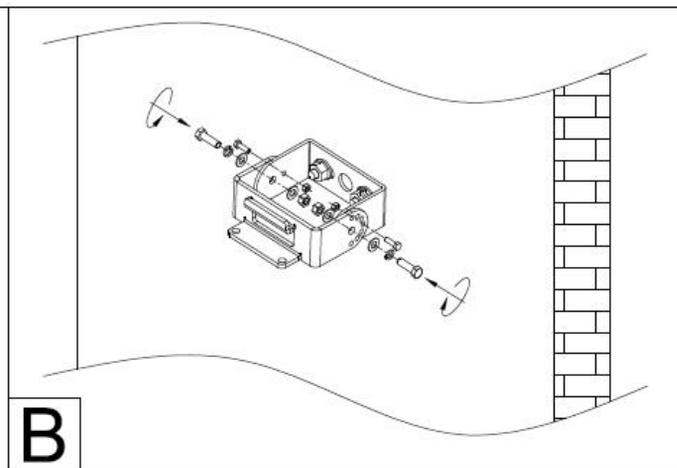
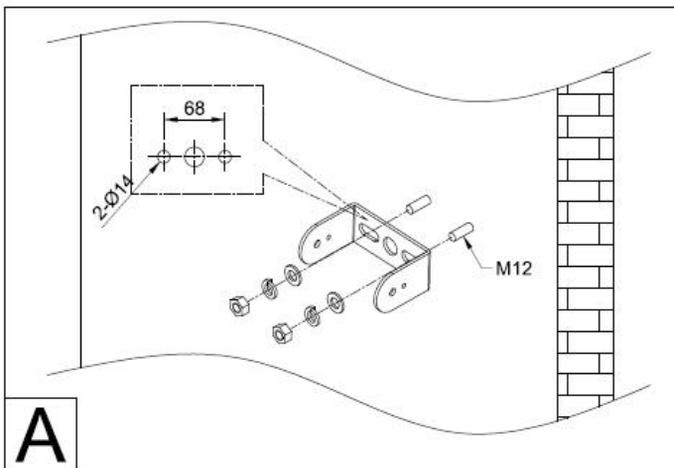
**C**



**D**

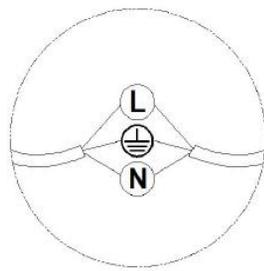


4. Wall mounted installation.



The mounting method of the straight arm is added to a wall mounted fixing plate, and the fixing plate is mounted on the wall, and the fixing plate is fixed by a nut.

**Pole installation wiring:**

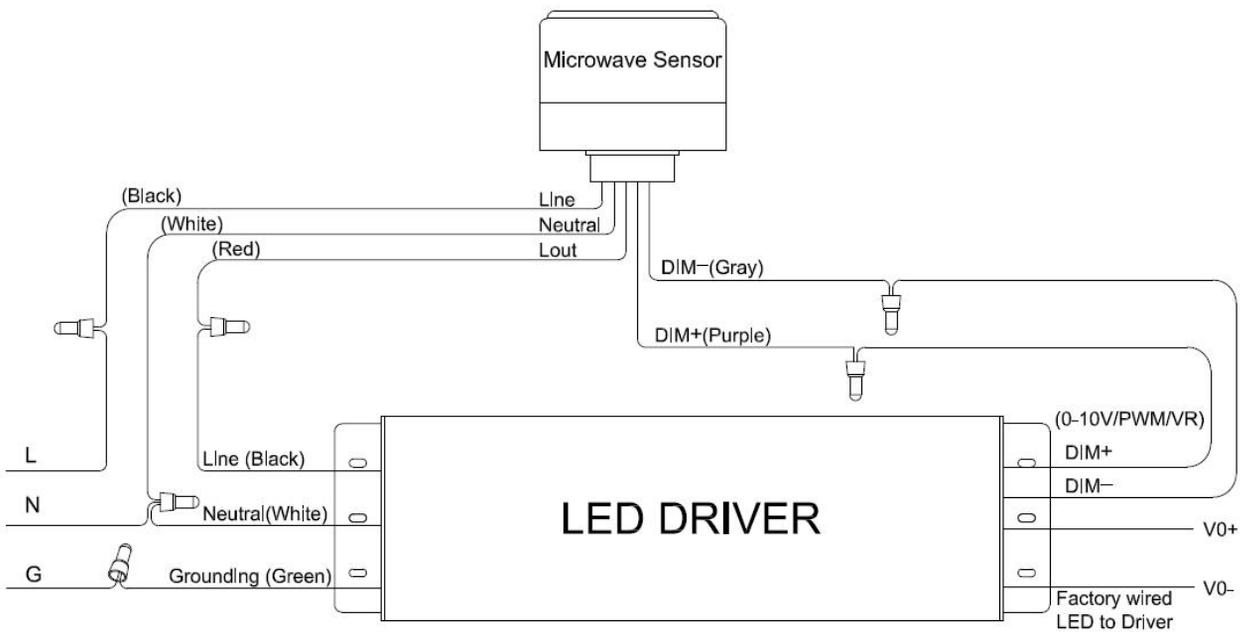


**Wiring enlarged illustration**

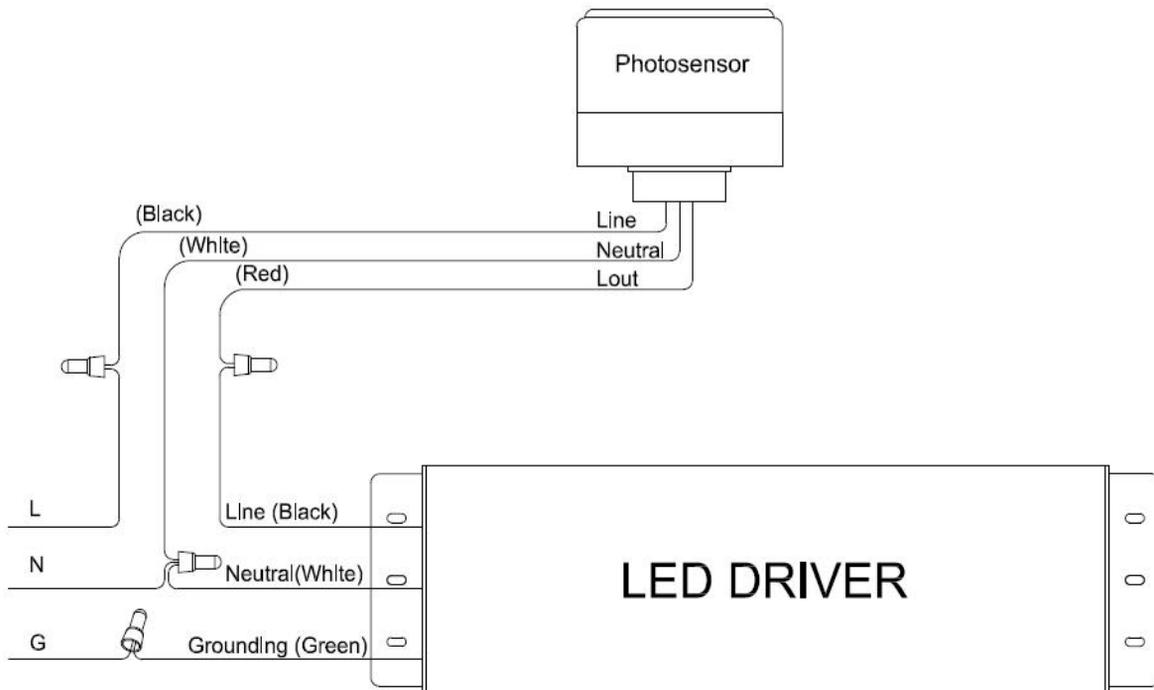
Connect the lamp pole internal cable with the luminaire cable. The neutral line is connected to the neutral line. The ground line is grounded, and the live line is connected to the fire line.



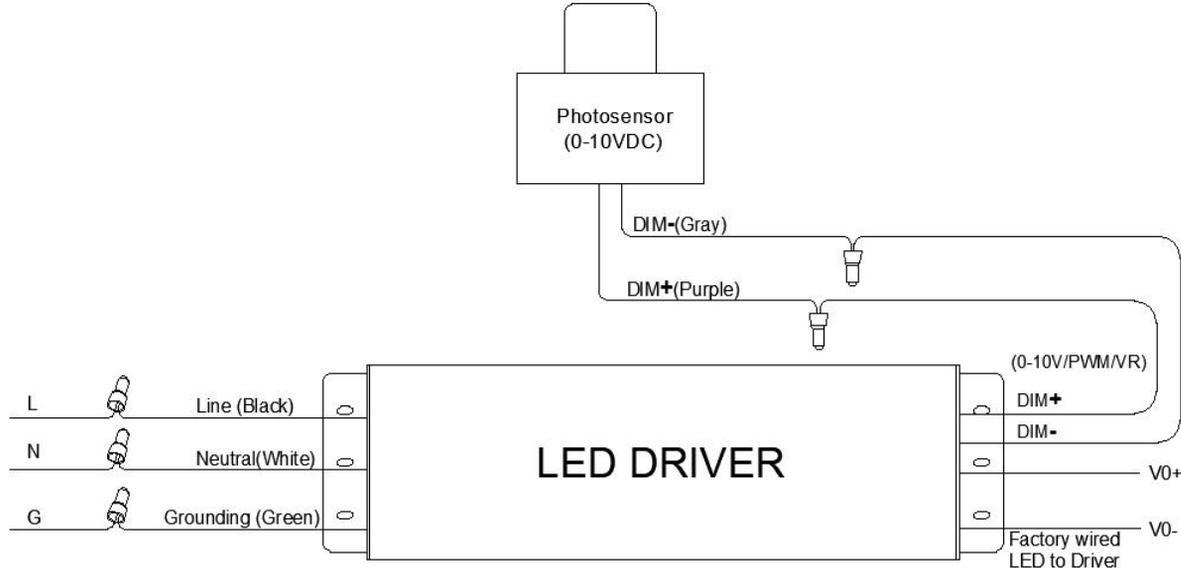
**Without sensor or photocell**



**With sensor**



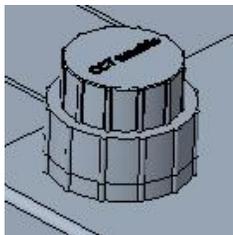
**With photocell**



**With photocell(0-10VDC)**

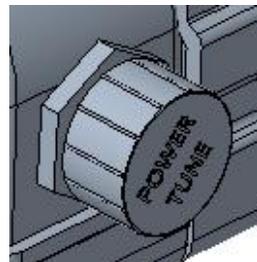
**Function description of CCT&Wattage Tunable:**

- (1) . If the luminaire is designed to be CCT tunable. Please screw the knob cap to select the corresponding CCT, as shown in Fig. 1, screw the knob cap after using the CCT selectable function.
- (2) . If the luminaire is designed to be wattage tunable. Please unscrew the knob cap before using the watt selectable function. According to the watt selectable label shown in Fig. 2, please toggle the DIP switch 1,2,3 to select the corresponding watt. Screw the knob cap after using the watt selectable function.



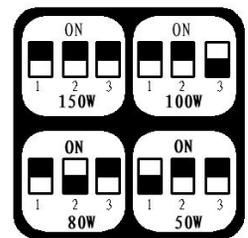
**CCT tunable Selector  
(3000/ 4000/ 5000/ 5700K)**

**Fig. 1**



**Wattage Adjustable**

**Fig. 2**



**After installation, please**

- check whether the lighting fixture is firmly fixed.
- check whether wires are connected correctly.
- At last, turn on the power, and check if the lighting fixture works well. If not, please turn off the power and contact with local dealer.