

**SERIES:**

FL-ALC-90WXXK-YYZZ; FL-ALC-120WXXK-YYZZ; FL-ALC-150WXXK-YYZZ ;  
 FL-ALC-150WHXXK-YYZZ; FL-ALC-220WXXK-YYZZ; FL-ALC-220WHXXK-YYZZ;  
 FL-ALC-300WXXK-YYZZ; FL-ALC-300WHXXK-YYZZ;

**Model number parameter list:**

Item	Model	Input Voltage	Power Factor	Watt	Input Current
A	FL-ALC-90WXXK-YYZZ	100-277VAC	≥0.9	90W	1.5A
C	FL-ALC-120WXXK-YYZZ	100-277VAC		120W	1.5A
D	FL-ALC-150WXXK-YYZZ	100-277VAC		150W	1.87A
E	FL-ALC-150WHXXK-YYZZ	277-480VAC		150W	0.64A
F	FL-ALC-220WXXK-YYZZ	100-277VAC		220W	2.85A
G	FL-ALC-220WHXXK-YYZZ	277-480VAC		220W	1.0A
H	FL-ALC-300WXXK-YYZZ	100-277VAC		300W	4.0A
I	FL-ALC-300WHXXK-YYZZ	277-480VAC		300W	1.5A

**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 100-277V, 60Hz AC supply without any variation in light output.
- Suitable for use in the following conditions:
  - Ambient Temp: -20~+40°C
  - Wet Locations

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

**2. Installation**
**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.
- Keep lens tightly closed when in operation.

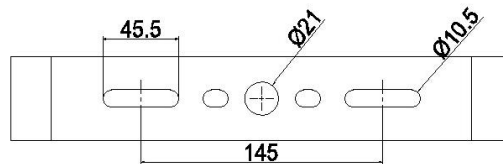
For supply connections use wire rated for at least 90°C

**Installation Steps:**

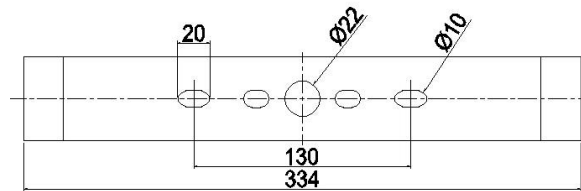
Refer to the following mounting hole diagram when installing the fixture.

## 1. Wall Mounting

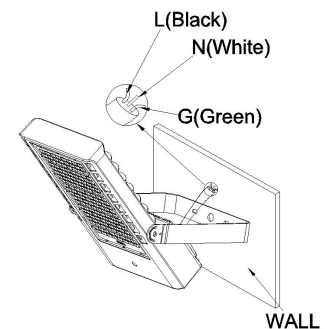
FL-ALC-90WXXK-YYZZ  
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FL-ALC-220WXXK-YYZZ  
 FL-ALC-220WHXXK-YYZZ  
 FL-ALC-300WXXK-YYZZ  
 FL-ALC-300WHXXK-YYZZ

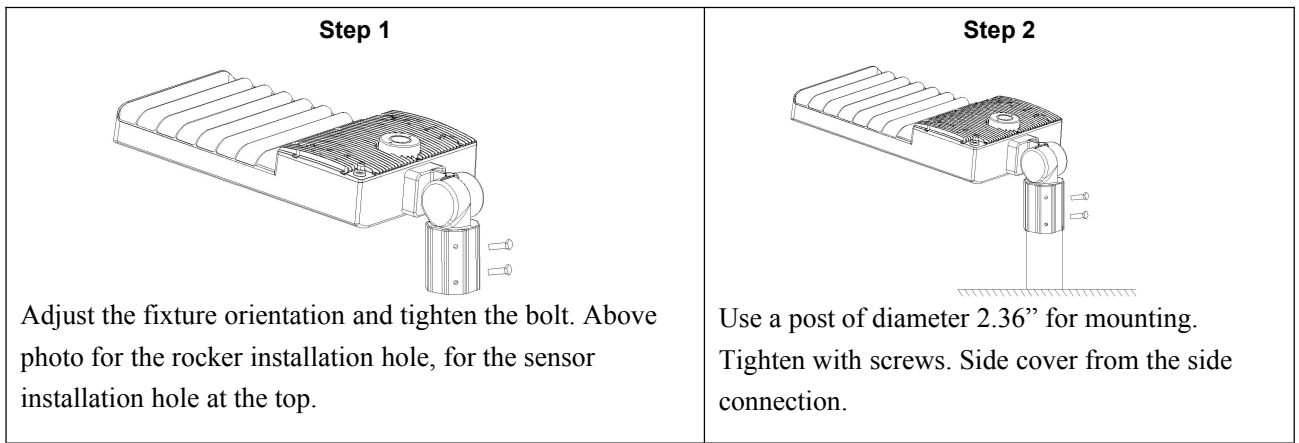


1. Use expansion bolts to secure the fixture on mounting surface.
  2. Keep enough wire length to ensure adjusting angle unhindered.
- Connect wires into wiring terminal; white wire to “Neutral” terminal, black wire to “Live” terminal, green wire to “Ground” terminal. Fix wires using screws.



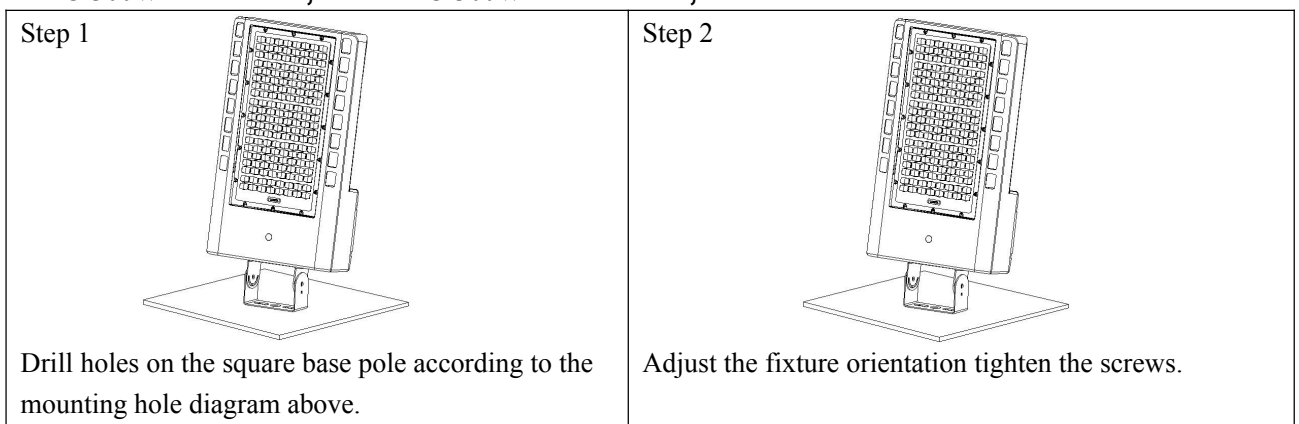
## 2. Mounting with a Slipfitter for Models:

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 FL-ALC-150WHXXK-YYZZ; FL-ALC-220WXXK-YYZZ; FL-ALC-220WHXXK-YYZZ;  
 FL-ALC-300WXXK-YYZZ; FL-ALC-300WHXXK-YYZZ;



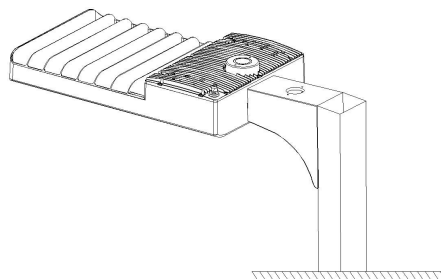
**3. Mounting with a Trunnion for Models:**

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 FL-ALC-150WHXXK-YYZZ; FL-ALC-220WXXK-YYZZ; FL-ALC-220WHXXK-YYZZ;  
 FL-ALC-300WXXK-YYZZ; FL-ALC-300WHXXK-YYZZ;



**4. Mounting with Arm for Models:**

FL-ALC-90WXXK-YYZZ; FL-ALC-120WXXK-YYZZ; FL-ALC-150WXXK-YYZZ ;  
 FL-ALC-150WHXXK-YYZZ; FL-ALC-220WXXK-YYZZ; FL-ALC-220WHXXK-YYZZ;  
 FL-ALC-300WXXK-YYZZ; FL-ALC-300WHXXK-YYZZ;



Directly attach screw to the lamp post. Side cover opens from the side connection

**After installation, please**

- check that lighting fixture is firmly affixed.
- check that wires are connected correctly.
- Turn on power to ensure, lighting fixture connection works. For problems, please contact local dealer.