

## V3 Watt&CCT Tunable FLOOD LED LIGHT



### CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish. Glass lens.

### OPTICALSYSTEM:

High brightness Lumileds chips. High quality tempered glass optics. 120° beam angle.

### WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

## PERFORMANCE

| Model NO           | Power Switchable | Voltage/CurrentInput |                  |                   | Light Efficiency | Kelvin Options    |
|--------------------|------------------|----------------------|------------------|-------------------|------------------|-------------------|
|                    |                  | 120V                 | 277V             | 347V              |                  |                   |
| LS3FL-15/20/35W    | 15W 20W 35W      | 0.12A/0.2A/0.3A      | 0.06A/0.07A/0.1A | 0.04A/0.05A/0.10A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-35/60/80W    | 35W 60W 80W      | 0.3A/0.5A/0.6A       | 0. 1A/0.2A/0.3A  | 0.10A/0.17A/0.23A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-100/120/150W | 100W 120W 150W   | 0.8A/1.0A/1.2A       | 0.3A/0.4A/0.5A   | 0.28A/0.34A/0.43A | 135LM/W          | 3000K/4000K/5000K |

Date: ..... Location: .....

Product: .....Project: .....

Quantity: .....Catalog# .....

## FEATURES

- Both Power and CCT adjustable
- Easy installMultiple mounts like Knuckle, Yoke or slip filter, easy install.
- Sturdy and aesthetic design, die-casting aluminum alloy.
- IP65 rated. anti-corrosion and rust proof.
- Uniform and wide flood brightness.

## SUITABLE APPLICATIONS

- Warehouses
- Factories
- Parking Lots
- Shopping Malls
- Supermarkets
- Logistic Centers

### ELECTRICAL:

Available as 120-277V input. -20°C to 60°C,

### INSTALLATION&MOUNTING:

Wall Mounting Or Pipe pole Mounting for easy installation..

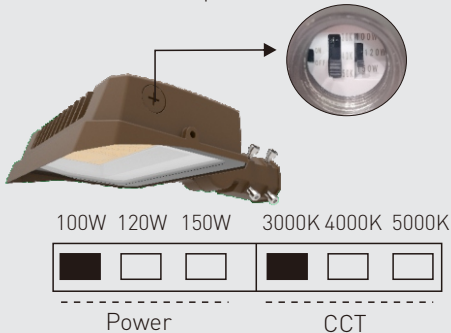
# V3 Watt&CCT Tunable FLOOD LED LIGHT



| Model NO   | Wattage | Voltage/CurrentInput |       |       | Light Efficiency | Kelvin Options    |
|------------|---------|----------------------|-------|-------|------------------|-------------------|
|            |         | 120V                 | 277V  | 347V  |                  |                   |
| LS3FL-15W  | 15W     | 0.12A                | 0.06A | 0.04A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-20W  | 20W     | 0.20A                | 0.07A | 0.05A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-35W  | 35W     | 0.30A                | 0.12A | 0.10A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-60W  | 60W     | 0.50A                | 0.20A | 0.17A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-80W  | 80W     | 0.60A                | 0.30A | 0.23A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-100W | 100W    | 0.80A                | 0.30A | 0.28A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-120W | 120W    | 1.0A                 | 0.43A | 0.34A | 135LM/W          | 3000K/4000K/5000K |
| LS3FL-150W | 150W    | 1.25A                | 0.54A | 1.25A | 135LM/W          | 3000K/4000K/5000K |

## OPTIONAL ACCESSORIES

Open hole for Power Switchable



The lamps have the function of adjusting power and color temperature

## PRODUCT ORDERING GUIDE

LS 3FL- XXW

1 2 3  
LS 3FL - 15W

☒ LS LEDSION

☒ 3FL V3 Flood

☒ 15W Power 15W ☐ 20W Power 20W  
☐ 35W Power 35W ☐ 60W Power 60W  
☐ 80W Power 80W ☐ 100W Power 100W  
☐ 120W Power 120W ☐ 150W Power 150W

## Electric Characteristic

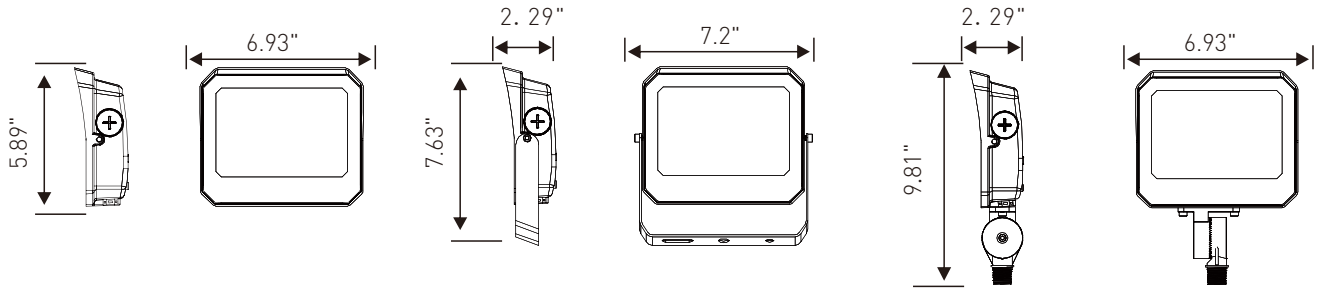
| Specification/Model     | LS3FL-35/20/15W           | LS3FL-80/60/35W       | LS3FL-150/120/100W      |
|-------------------------|---------------------------|-----------------------|-------------------------|
| LED Driver              | UL listed CN Brand driver |                       |                         |
| Input power             | 35W/20W/15W               | 80W/60W/35W           | 150W/120W/100W          |
| Lumen output            | 4725LM/2700LM/2025LM      | 10800LM/8100LM/4725LM | 20250LM/16200LM/13500LM |
| Efficiency              | 135LM/W                   | 135LM/W               | 135LM/W                 |
| CRI                     | >72                       | >72                   | >72                     |
| CCT tunable             | 30K/40K/50K               | 30K/40K/50K           | 30K/40K/50K             |
| Input voltage           | 120-277V/120-347VAC       | 120-277V/120-347VAC   | 120-277V/120-347VAC     |
| Light distribution type | 120D                      | 120D                  | 120D                    |
| Working temperature     | -20+60°C                  | -20+60°C              | -20+60°C                |
| Junction temperature    | <75°C                     | <75°C                 | <75°C                   |
| Lamp efficiency         | ≥90%                      | ≥90%                  | ≥90%                    |
| Certificate             | UL CUL DLC                | UL CUL DLC            | UL CUL DLC              |
| Equivalent              | 15-90W MH/HPS             | 90-300W MH/HPS        | 300-500W MH/HPS         |

# V3 Watt&CCT Tunable FLOOD LED LIGHT

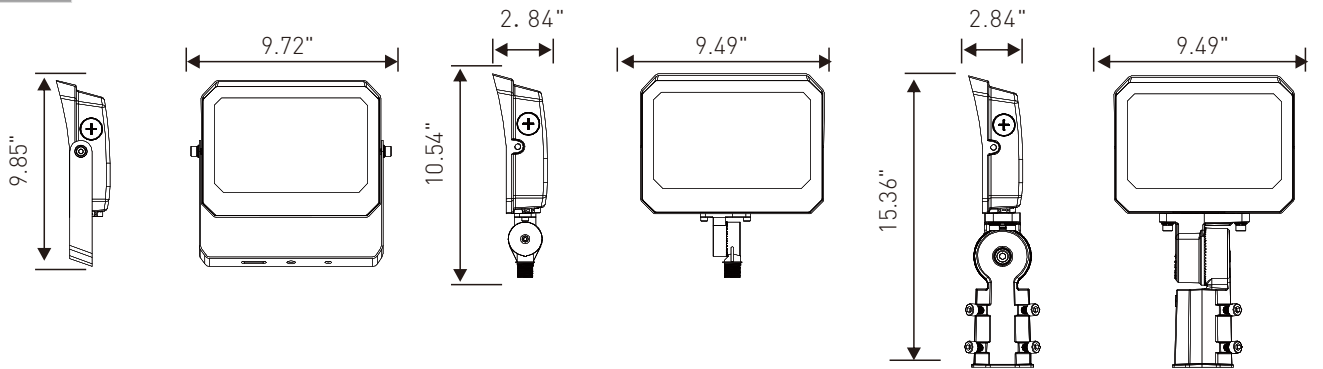


## DIMENSION

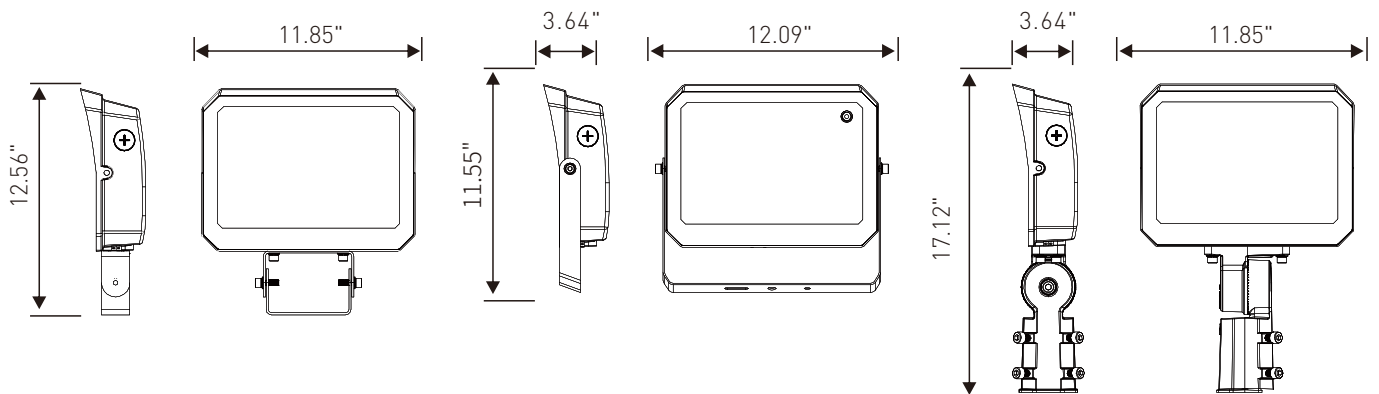
35W/15W



60W/80W

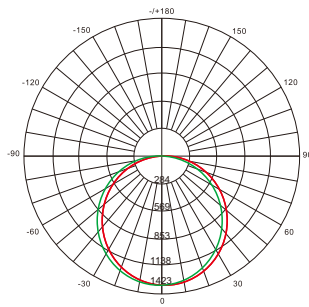


100W/150W



## DISTRIBUTION DIAGRAM

LS3FL-15W

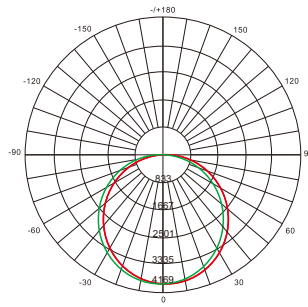


AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD  
Test Number: LS3FL15W  
Lumens:2025LM  
Test Number:15W  
Test Number:5000K

UNIT:CD  
C0/180,112.9  
C30/210,111.5  
C60/240,109.7  
C90/270,110.1

LS3FL-30W

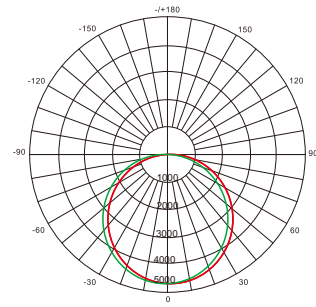


AVERAGE BEAM ANGLE(50%):120°

UNIT:CD  
Test Number: LS3FL-30W  
Lumens:4050LM  
Test Number:30W  
Test Number:5000K

UNIT:CD  
C0/180,113.5  
C30/210,111.8  
C60/240,111.9  
C90/270,110.3

LS3FL-60W

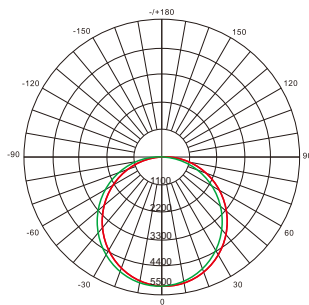


AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD  
Test Number:LS-FL60W  
Lumens:8100LM  
Test Number:60W  
Test Number:5000K

UNIT:CD  
C0/180,114.5  
C30/210,112.2  
C60/240,111.6  
C90/270,110.3

LS3FL-80W

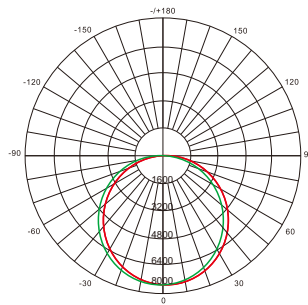


AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD  
Test Number: LS3FL-80W  
Lumens:10800LM  
Test Number:80W  
Test Number:5000K

UNIT:CD  
C0/180,112.9  
C30/210,111.5  
C60/240,109.7  
C90/270,110.1

LS3FL-100W

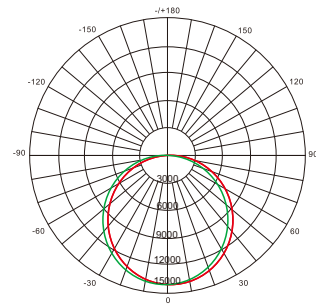


AVERAGE BEAM ANGLE(50%):120°

UNIT:CD  
Test Number: LS3FL-100W  
Lumens:13500LM  
Test Number:100W  
Test Number:5000K

UNIT:CD  
C0/180,113.5  
C30/210,111.8  
C60/240,111.9  
C90/270,110.3

LS3FL-150W



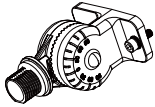
AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD  
Test Number:LS3FL-150W  
Lumens:20250LM  
Test Number:150W  
Test Number:5000K

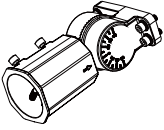
UNIT:CD  
C0/180,114.5  
C30/210,112.2  
C60/240,111.6  
C90/270,110.3

Installation

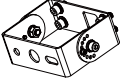
ProductAccessories




Knuckle



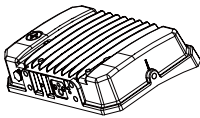
Slip fitter

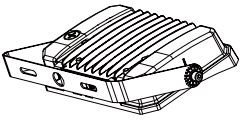
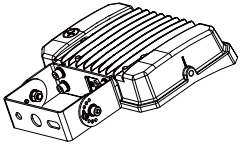
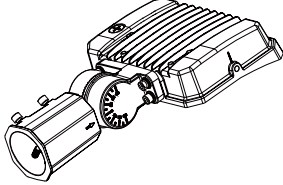
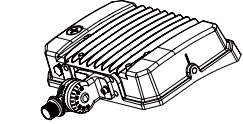


Trunnion



Yoke





Installation Instruction (Slip-fitter)

1.Loosen the screw used to fix the upper and the lower mount in rotating shaft by Hexagon wrench.

2.Rotate the bracket to proper Angle..

3.Lock the upper and lower brackets by Hexagon wrench.

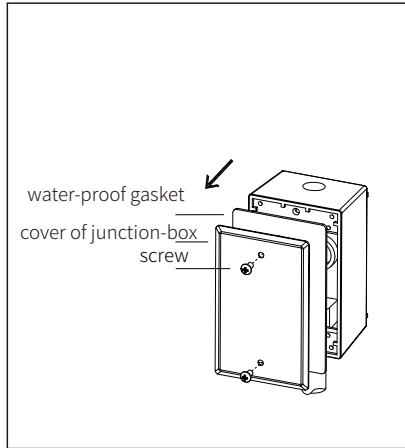
4.Connect wires.

5.Fix the bracket to lamp pole by hexagonal wrench.

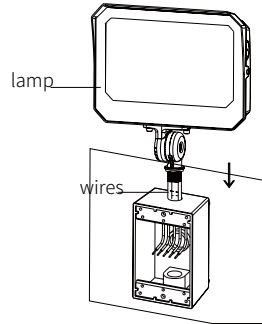
Notice: The maximum diameter of lamp pole is 2.36", lamp adjustable angle is 0-90°

LS-3FL-A.0  
5 of 7

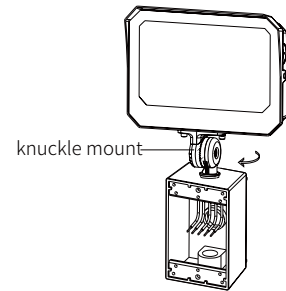
## Installation Instruction



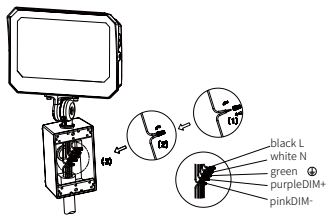
2.Put the wires of lamp into the junction-box.



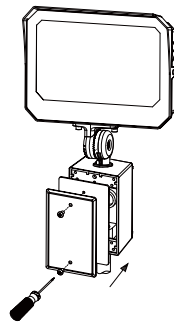
3.Screw up the knuckle mount into junction-box.



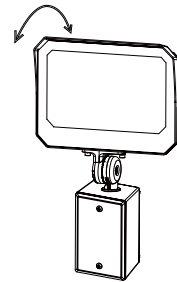
4.Use wire-nuts to connect the wires of lamp and junction-box.



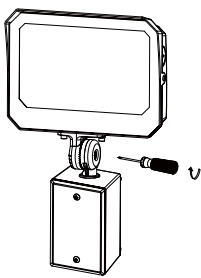
5. lock the junction-box with screw key.



6.Use hex-key to screw off the hex-screw in knuckle mount.

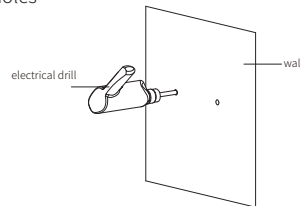


7.Adjust the lamp into suitable angle.

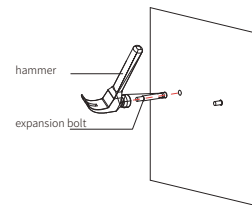


## Installation Instruction(Yoke)

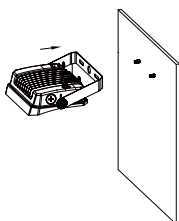
1.Mark the position of the fixing holes with fold light bracket, then drill the fixing holes



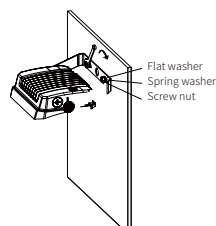
2.Drive in the bolts to the pre-drilled holes with thread outside, as the below pic indicate.



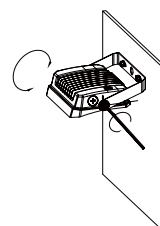
3.Make the bracket face tightly to the wall through the thread.



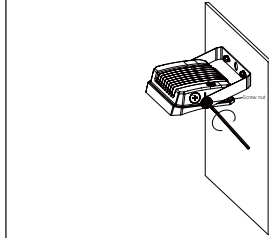
4.Fasten the screw nut clockwise with provided hardware by wrench.



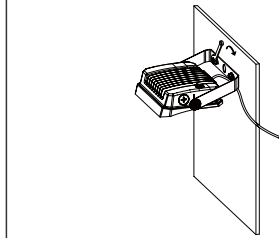
5.Rotate the light to the proper angle and fasten the screws.



6.Fasten the screw both sides with allen driver..

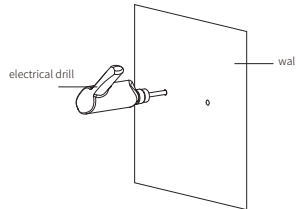


7.Connect wires.

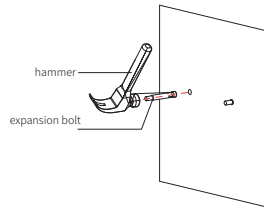


## InstallationInstruction (Trunnion)

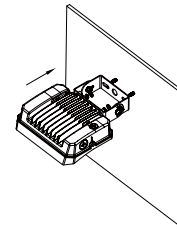
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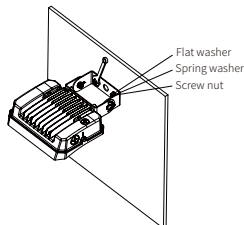
2.Drive In the bolts to the pre-drilled holes wlththread outside,as the below pic indicate.



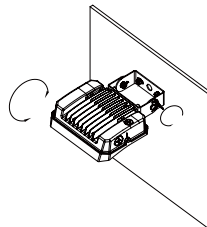
3.Make the bracket face tightly to the wallthrough the thread.



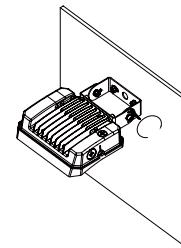
4.Fasten the screw nut clockwise withprovided hardware by wrench.



5.Rotate the light to the proper angle andfasten the screws.



6.Fasten the screw both sides with allen driver.



7.Connect wires.

