

## **Reminder**

1. Please read this installation and maintenance manual before installation! Save these instructions for future reference!
2. Installation: bracket

## **Warranty**

1. The warranty period of this product is 5 years. If the product has quality problems during the warranty period, please contact us or our authorized dealer. We will repair or replace new products for you for free!
2. If the product is man-made damage or irresistible external environment damage such as natural disasters is not covered by the product warranty! If you need product repair or replacement service, please contact us or our authorized dealer, and we will charge the appropriate fee for the repaired or replaced product!
3. Products and services are subject to change without notice!

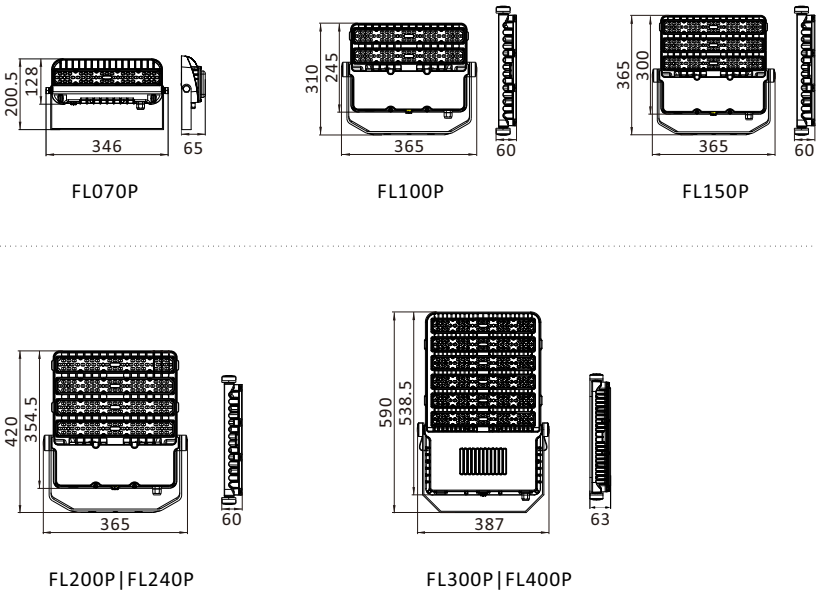
## **Application**

Shopping centres, exhibition halls, car parks, stadiums, billboards, art installations, building facades and other indoor and outdoor lighting applications.

## **Specification**

|                     |                             |        |        |        |        |        |        |
|---------------------|-----------------------------|--------|--------|--------|--------|--------|--------|
| Model No.           | FL070P                      | FL100P | FL150P | FL200P | FL240P | FL300P | FL400P |
| Power               | 70W                         | 100W   | 150W   | 200W   | 240W   | 300W   | 400W   |
| Net Weight          | 2.1kg                       | 3.9kg  | 4.5kg  | 5.1kg  | 5.6kg  | 8.2kg  | 8.5kg  |
| Power Factor        | PF>0.90                     |        |        |        |        |        |        |
| IP Rating           | IP66                        |        |        |        |        |        |        |
| Input Voltage       | 100 to 277 VAC; 50Hz   60Hz |        |        |        |        |        |        |
| Working Temperature | -30°C to +50°C              |        |        |        |        |        |        |
| Working Humidity    | 15% to 90% RH               |        |        |        |        |        |        |
| Warranty            | 5 years                     |        |        |        |        |        |        |

## **Dimension(unit:mm)**



## Wiring Diagram

### Regular:

|      |              |      |       |
|------|--------------|------|-------|
| AC/N | blue         | AC/N | white |
| AC/L | brown        | AC/L | black |
| ⊕FG  | green/yellow | ⊕FG  | green |

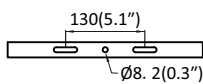
### Dimmable:

|      |        |      |        |
|------|--------|------|--------|
| DIM+ | purple | DIM+ | purple |
| DIM- | pink   | DIM- | gray   |

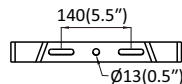
## Warning

1. All installations of the lamps must comply with the national electrical codes and be carried out in compliance with local laws and regulations.
2. Before installing lamps and maintenance, you must cut off the power supply! During the installation of the lamp, it must be installed and operated by qualified personnel with relevant certificates! The object where the lamp is installed must be able to bear no less than 3 times the weight of the lamp!
3. Never modify the circuit and structure of the lamp, the lamp must be effectively grounded during installation!
4. Due to the high intensity of light generated when the lamp is turned on, do not direct the eyes when the lamp is turned on during close operation and maintenance!
5. The installer is responsible for verifying and recommending the installation structure of the luminaire, including poles, cross arms, walkway brackets and other installation structures, to ensure that the weight of the luminaire is supported, to bear the wind load, and to meet all other applicable codes and regulations.
6. Do not hang any objects with wires or control wires! The wires or control wires on the lamps cannot bear the weight.
7. Store the lamp in a clean and dry place, avoiding dust, moisture and direct sunlight.
8. When cleaning the lamp, please use a dry cotton cloth to wipe the optical lens or luminous surface of the lamp, and brush the other parts. Do not use any abrasives, such as car wax, brass cleaner or other polishing agents or chemicals!

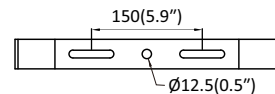
## Bracket Description(unit:mm)



FL070P

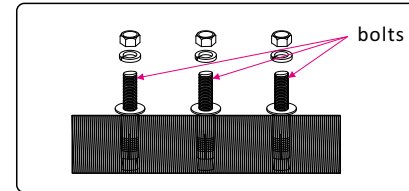


FL100P | FL150P | FL200P | FL240P

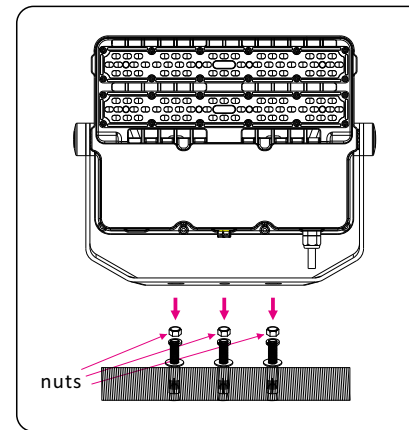


F300P | FL400P

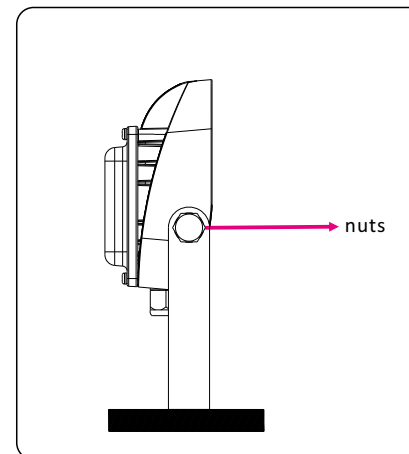
## Install Steps



- 1 The object on which the light fixture is installed must be able to bear a weight greater than 4 times the weight of the light fixture! Drill holes in the mounting surface according to the dimensions of the light fixture's mounting bracket holes, and securely install the expansion bolts into the object.



- 2 Install the lamp body on the prefixed nuts, and connect the wires according to the wiring diagram & tighten.



- 3 Light up and adjust the modules and bracket as illustrated.