

## 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!

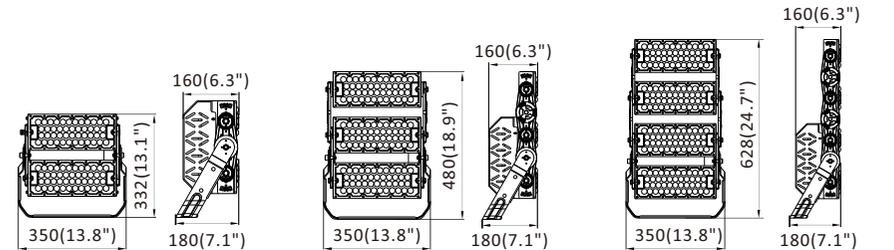
## Application

Gymnasiums, football fields, sports fields, golf courses, piers, plazas, outdoor parking lots, high pole lights, tunnels, shopping malls, supermarkets, warehouses, large assembly workshops, forging workshops, and other indoor and outdoor lighting places.

## Specification

SKU	FL240HA	FL360HA	FL480HA	FL600HA	FL720HA
Power	240W	360W	480W	600W	720W
Net Weight	6.0kg	8.0kg	10.0kg	12.5kg	14.0kg
Power Factor	PF>0.90				
IP Rating	IP65				
Input Voltage	100~277 VAC; 50Hz/60Hz				
Working Temperature	-30°C ~ +50°C				
Working Humidity	15%~90% RH				
Warranty	5 years				

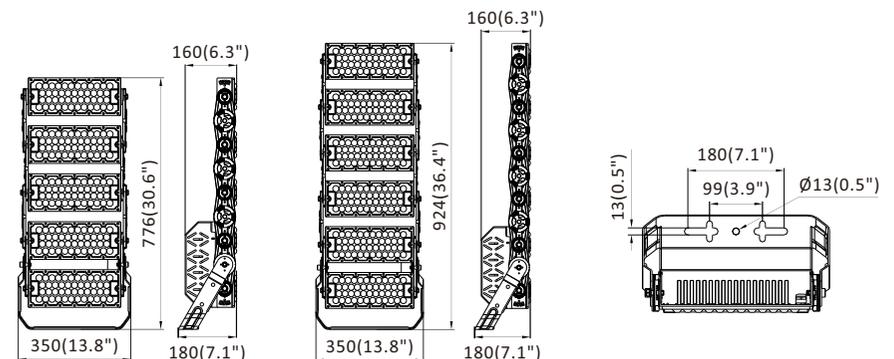
## Dimension(unit:mm/inch)



FL240HA

FL360HA

FL480HA



FL600HA

FL720HA

Bracket(240W to 720W)

## Wiring Diagram

### Regular:

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

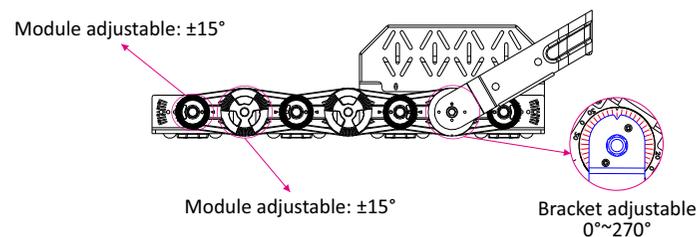
### Dimmable:

DIM+	blue	brown	purple	white
DIM-	white	blue	gray	black

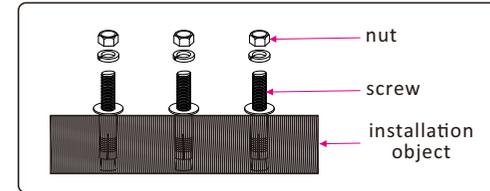
## Warning

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 luminaries, including poles, cross arms, walkway brackets and other installation structures, to ensure that the weight of the luminaries 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!

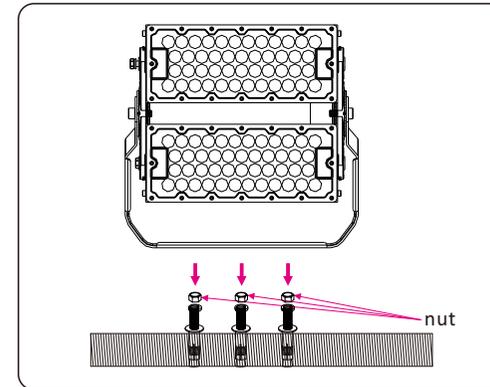
## Mounting Accessories and Description



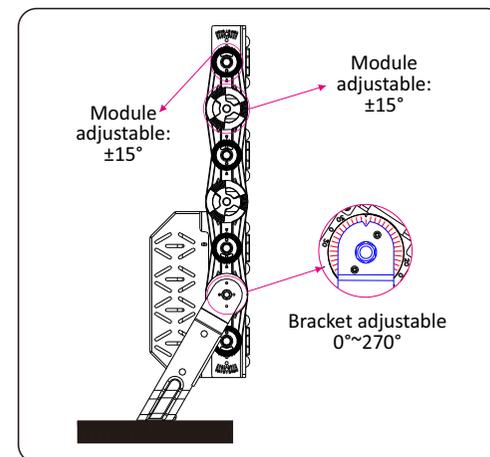
## Install Steps



- 1 According to the installation dimension, fix the mounting screw on the body .



- 2 Install the lamp body on the pre-fixed screws, then tighten the nuts, and finally connect the wires according to the wiring diagram on the left, and power on to light up.



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