

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!

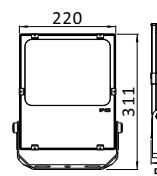
Application

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

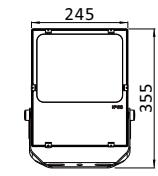
Specification

Model No.	FL050A	FL080A	FL100A	FL150A	FL200A	FL240A	FL300A	FL400A
Power	50W	80W	100W	150W	200W	240W	300W	400W
Net Weight	2.1kg	2.9kg	3.6kg	5.0kg	5.6kg	5.8kg	9.0kg	11.4kg
Power Factor	PF>0.90							
IP Rating	IP65							
Input Voltage	100 to 277 VAC; 50Hz 60Hz							
Working Temperature	-30°C to +50°C							
Working Humidity	15% to 90% RH							
Warranty	5 years							

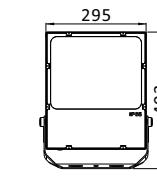
Dimension(unit:mm)



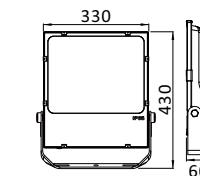
FL050A



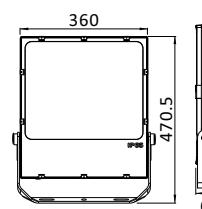
FL080A



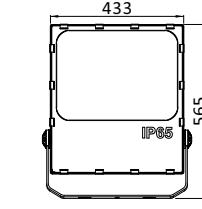
FL100A



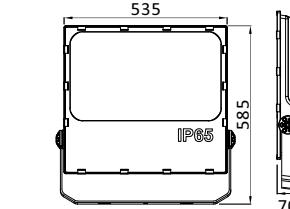
FL150A



FL200A | FL240A



FL300A



FL400A

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

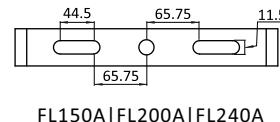
Warning

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!

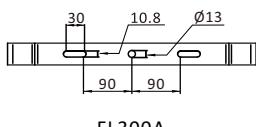
Bracket Description(unit:mm)



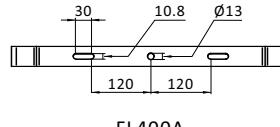
FL050A|FL080A|FL100A



FL150A|FL200A|FL240A

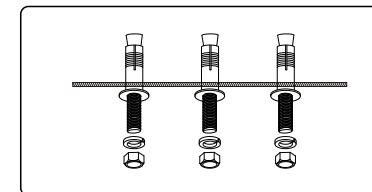


FL300A

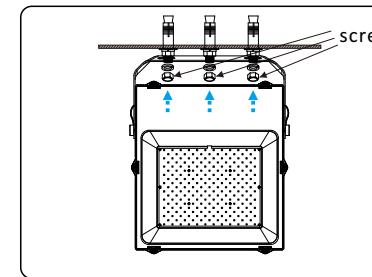


FL400A

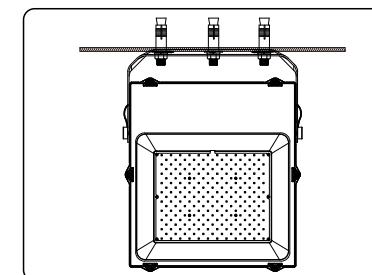
Install Steps



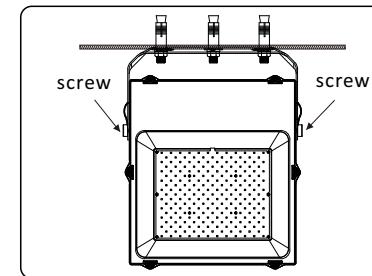
1 Install the expansion bolts onto the object according to the dimensions of the light bracket holes. The object being installed must be able to withstand a weight of at least four times the weight of the light.



2 Install the bracket of the fixture in the screw of the solid piece as shown.



3 Tighten the nut on the screw to mount the fixture on a solid object. As shown.



4 Connect the security cable to a fixed object and power on the fixture. Then adjust the screws on both sides of the lamp bracket according to the lighting angle.