



Bunny Series Flood Light

3CCT tunable/Adjustable power/Light control

FLB-050/100/150/200/240/300-AW-XXK-ZYYY



Description:



Bunny series flood light is designed by various angles such as ultra-small, small, medium and large, T2, T3 and T4, which can be widely used in various outdoor lighting scenarios as well as public lighting in roads, squares, parking lots and other areas. It can be used as a landscape lighting for buildings, plants, landscapes and billboards. Optional U bracket, 60mm adaptor and Straight Arm.

Features:

1. Bunny series provides you with different and sufficient choices, which can be used as both landscape lighting and general lighting products with wide application;
2. Intelligent photosensitive control technology, automatically closed during the day and automatically opened at night, no need to install other control switches, no human control, effectively solve the problem of resource waste and lamp life.
3. 3CCT tunable, 3000K-4000K-6000K. 3 levels of adjustable power: 100%/80%/60%.
4. Optional U bracket, 60mm adaptor and Straight Arm...
5. The design of large angle adjustable U-stand can ensure the maximum adjustable angle of 280° in vertical direction. Meanwhile, the dentate design ensures more convenient and reliable angle adjustment;
6. The combination of lens and tempered glass provide the lamps with self-cleaning function to achieve better heat dissipation;
7. The integrated waterproof structure is adopted, the waterproof performance is better, and the waterproof grade can reach IP66;
8. The bottom of the main body of the lamp is equipped with a breathing valve, and the inside and outside of the lamp are adjusted;
9. Different light efficiency series of 120LM/W and 150LM/W meet the use needs of different customers for different sites.



Technical parameters:(Light control)

Turn-On Level	Turn-Off Level	Time-Delay
30 lx	60 lx	5 s

Different environmental may change the products parameters!

Technical parameters:(120LM/W Series)

Model	CCT	Lumen(lm) (±10%)	Beam (angle°)	Power (±10%)	Adjustable power	Voltage, Frequency	CRI	PF
FLB-050-AW-TCK-SYYY	3000-6000K	6000	120°	50	50	AC220-240V 50/60Hz	> 80	≥0.9
					40			
					30			
FLB-100-AW-65K-SYYY	5500-6500K	12000	30° /60° 90° /120° T2/T3	100	100	AC220-240V 50/60Hz	> 80	≥0.9
FLB-100-AW-40K-SYYY	3800-4300K	11800			80			
FLB-100-AW-30K-SYYY	2700-3200K	11500			60			
FLB-100-AW-TCK-SYYY	3000-6000K	12000	120°					
FLB-150-AW-65K-SYYY	5500-6500K	18000	30° /60° 90° /120° T2/T3	150	150	AC220-240V 50/60Hz	> 80	≥0.9
FLB-150-AW-40K-SYYY	3800-4300K	17700			120			
FLB-150-AW-30K-SYYY	2700-3200K	17200			100			
FLB-150-AW-TCK-SYYY	3000-6000K	18000	120°					
FLB-200-AW-65K-SYYY	5500-6500K	24000	30° /60° 90° /120° T2/T3	200	200	AC220-240V 50/60Hz	> 80	≥0.9
FLB-200-AW-40K-SYYY	3800-4300K	23600			170			
FLB-200-AW-30K-SYYY	2700-3200K	23000			150			
FLB-200-AW-TCK-SYYY	3000-6000K	24000	120°					
FLB-240-AW-65K-SYYY	5500-6500K	28800	30° /60° 90° /120° T2/T3	240	240	AC220-240V 50/60Hz	> 80	≥0.9
FLB-240-AW-40K-SYYY	3800-4300K	28300			200			
FLB-240-AW-30K-SYYY	2700-3200K	27600			170			
FLB-240-AW-TCK-SYYY	3000-6000K	28800	120°					



Technical parameters:(150LM/W Series)

Model	CCT	Lumen(lm) (±10%)	Beam (angle°)	Power (±10%)	Adjustable power	Voltage, Frequency	CRI	PF
FLB-050-AW-65K-SYYY	5500-6500K	7500	30° /60° 90° /120° T3 T4	50	50	AC220-240V 50/60Hz	> 70	≥0.9
FLB-050-AW-40K-SYYY	3800-4300K	7400			40			
FLB-050-AW-30K-SYYY	2700-3200K	7000			30			
FLB-100-AW-65K-SYYY	5500-6500K	15500	30° /60° 90° /120° T2 T3	100	100	AC220-240V 50/60Hz	> 70	≥0.9
FLB-100-AW-40K-SYYY	3800-4300K	14800			800			
FLB-100-AW-30K-SYYY	2700-3200K	14000			60			
FLB-150-AW-65K-SYYY	5500-6500K	22500	30° /60° 90° /120° T3 T4	150	150	AC220-240V 50/60Hz	> 70	≥0.9
FLB-150-AW-40K-SYYY	3800-4300K	22200			120			
FLB-150-AW-30K-SYYY	2700-3200K	21000			100			
FLB-200-AW-65K-SYYY	5500-6500K	30000	30° /60° 90° /120° T3 T4	200	200	AC220-240V 50/60Hz	> 70	≥0.9
FLB-200-AW-40K-SYYY	3800-4300K	29600			170			
FLB-200-AW-30K-SYYY	2700-3200K	28000			150			
FLB-240-AW-65K-SYYY	5500-6500K	36000	30° /60° 90° /120° T3 T4	240	240	AC220-240V 50/60Hz	> 70	≥0.9
FLB-240-AW-40K-SYYY	3800-4300K	35500			200			
FLB-240-AW-30K-SYYY	2700-3200K	33600			170			
FLB-300-AW-65K-SYYY	5500-6500K	45000	30° /60° 90° /120° T3 T4	300	300	AC220-240V 50/60Hz	> 70	≥0.9
FLB-300-AW-40K-SYYY	3800-4300K	44400			240			
FLB-300-AW-30K-SYYY	2700-3200K	42000			200			

"S" denotes sensor control function; "blank" denotes no dimmable or sensor control; "YYY" maybe 001 TO 999.



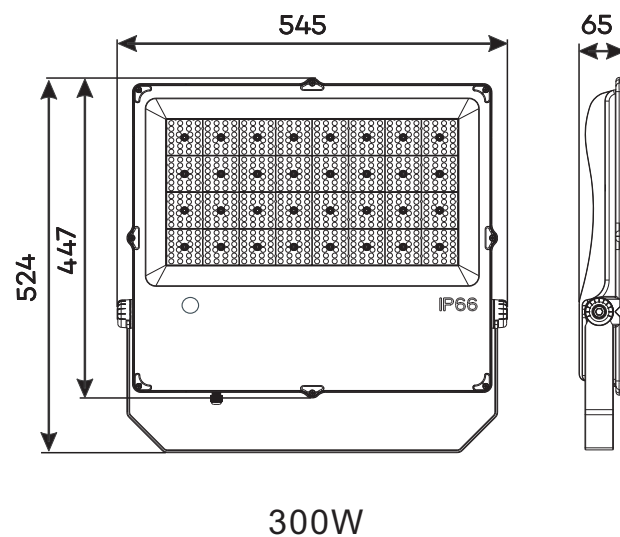
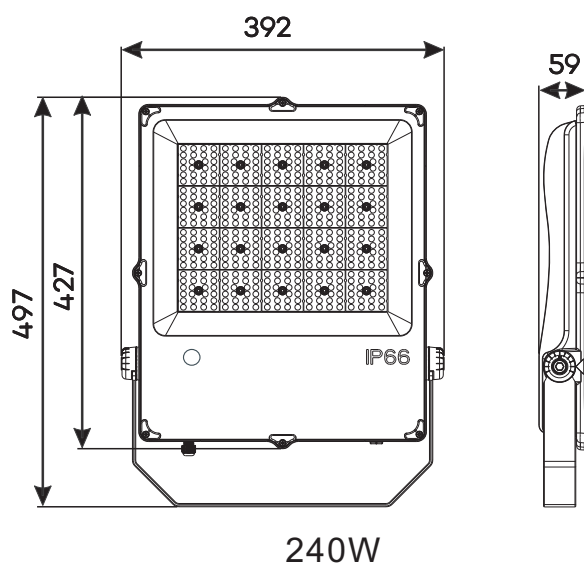
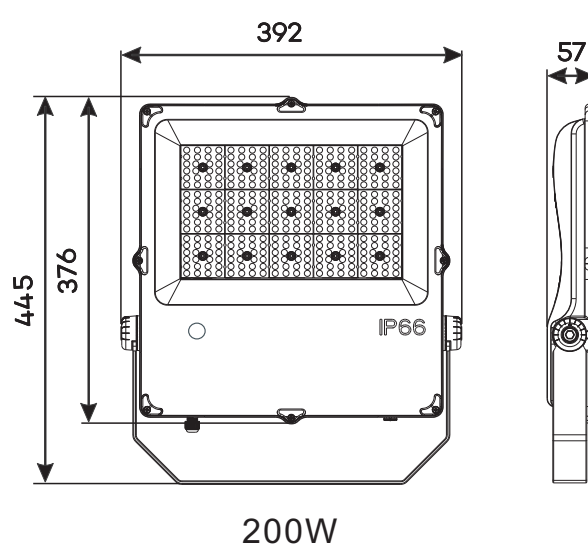
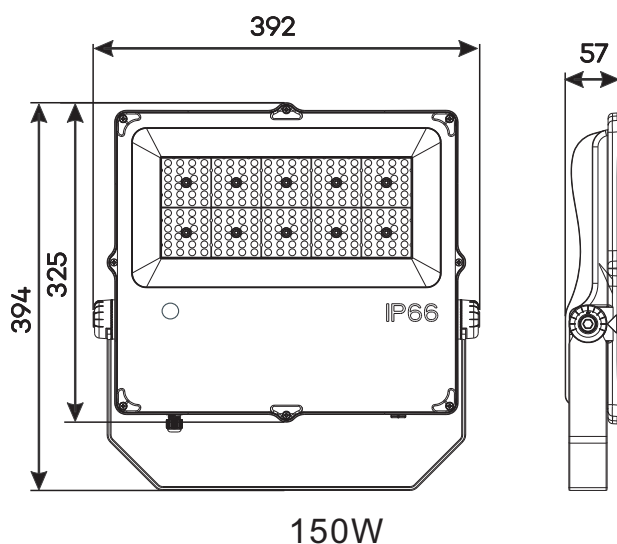
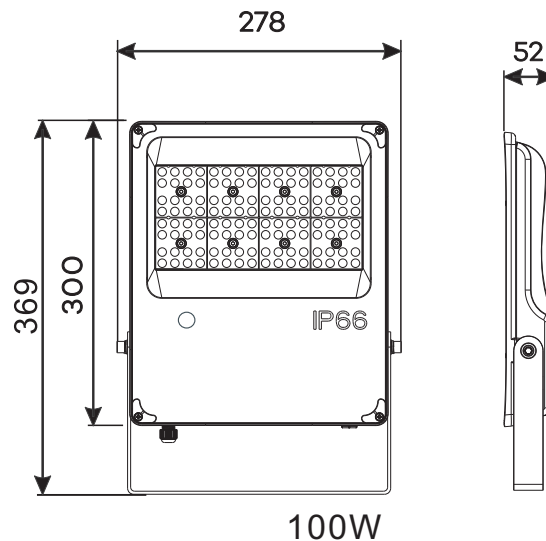
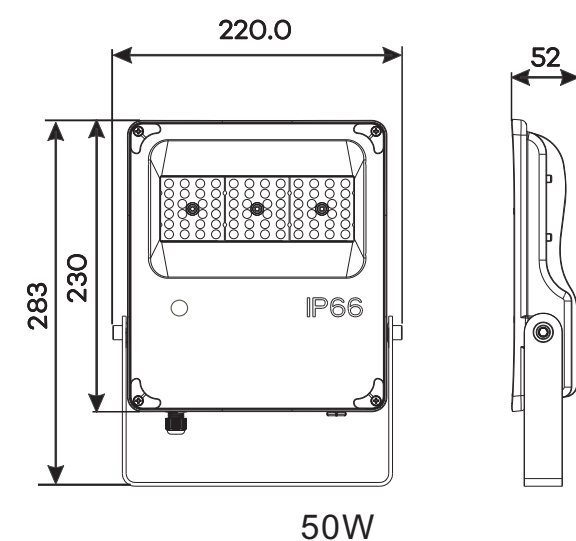
Application:

Flood light is generally used for outdoor landscape brightening and general lighting of buildings. Landscape lighting applications generally use decorative lighting around walls, park lighting, square lighting, billboard lighting, etc.. The general lighting is generally used in the outside of the factory wall, lamps, parking lot, large square, sidewalk, road lighting etc..





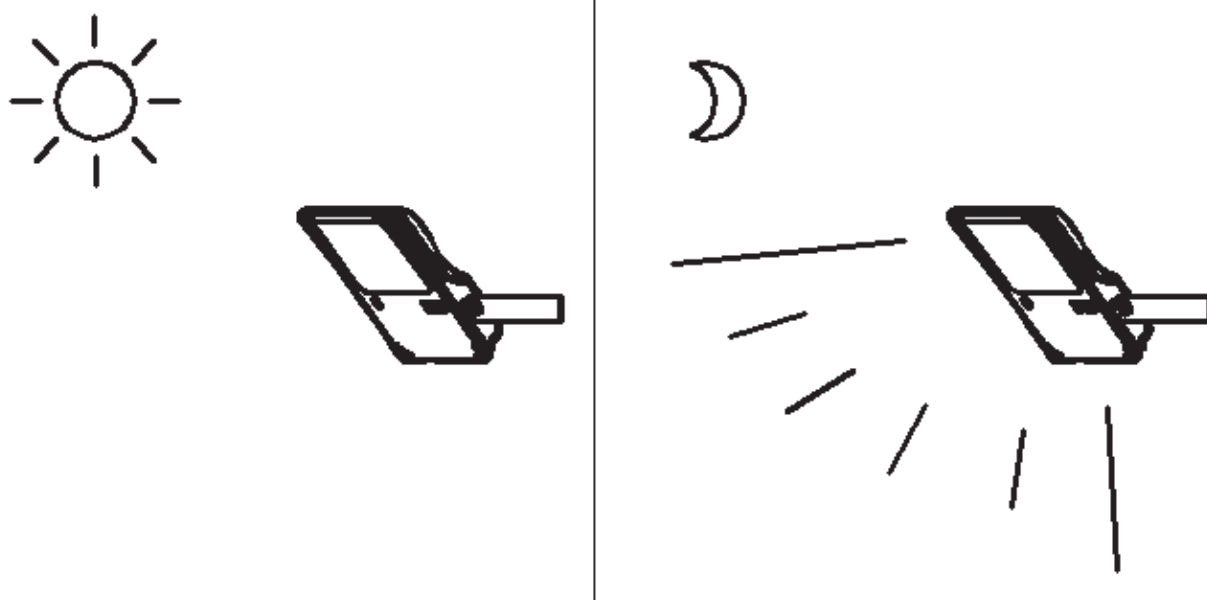
Dimension (Unit:mm/inch):





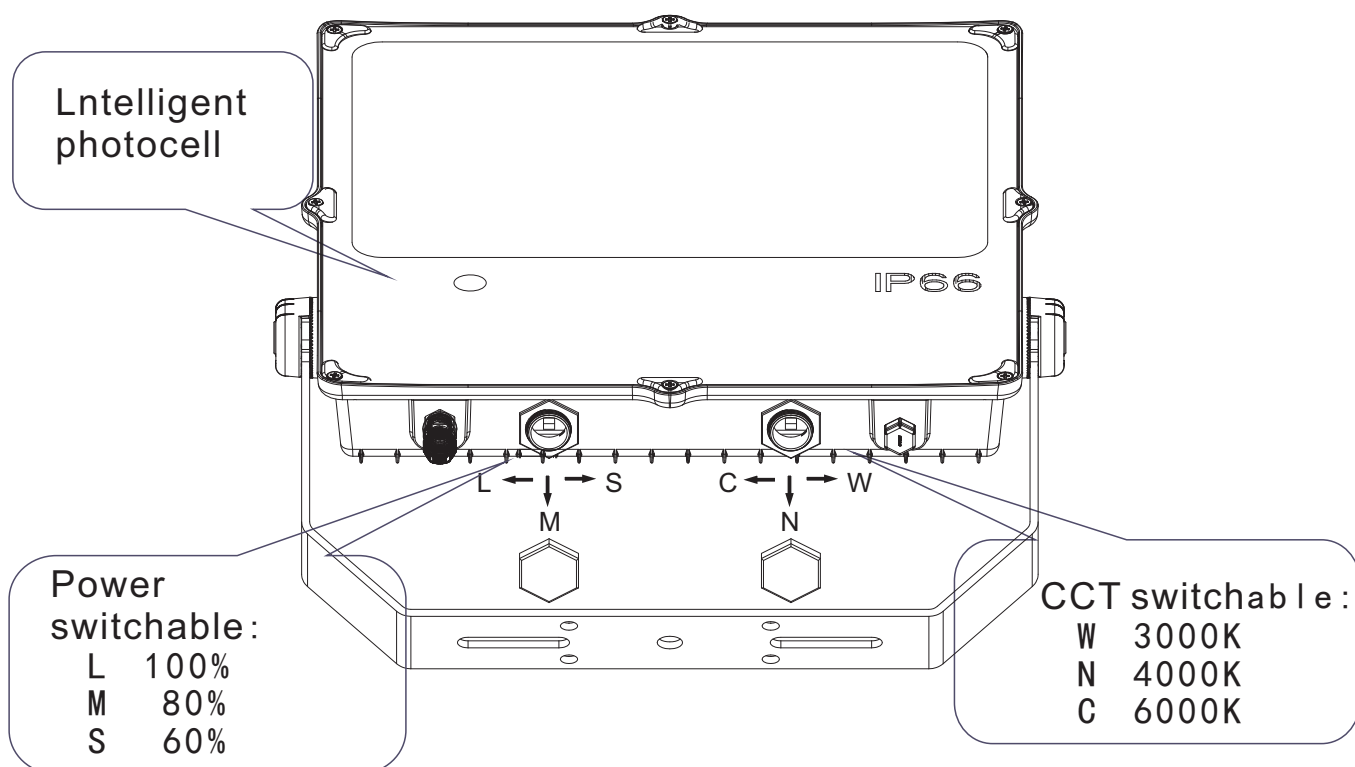
Light control:

- When Ambient illumination is $<30\text{lx}$, the light control is turn on automatically.
- When Ambient illumination is $>60\text{lx}$, the light control is turn off automatically



3CCT tunable and power adjustment:

- When used in different scenes, users can manually adjust different CCT and power adjustment according to different environmental requirements.



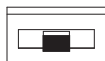


3CCT tunable:

- When used in different scenes, users can manually adjust different CCT according to different environmental requirements. (Open the cover and adjust it to the required position, then tighten the cover).



C 6000K



N 4000K



W 3000K

power adjustment:

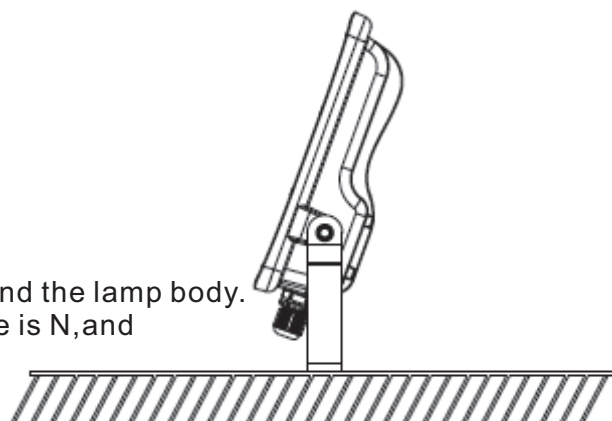
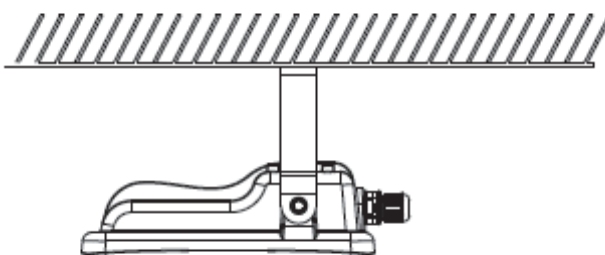
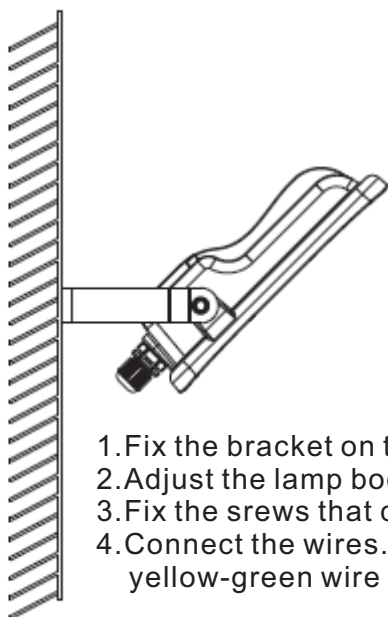
- When used in different scenes, users can manually adjust different powers according to different environmental requirements. (Open the cover and adjust it to the required position, then tighten the cover) .

Lcon	Power	Location	Adjustable power
 L  M  S	50W	L	50W
		M	40W
		S	30W
	100W	L	100W
		M	80W
		S	60W
	150W	L	150W
		M	120W
		S	100W
	200W	L	200W
		M	170W
		S	150W
	240W	L	240W
		M	200W
		S	170W
	300W	L	300W
		M	240W
		S	200W



Installation:

U-shaped bracket:

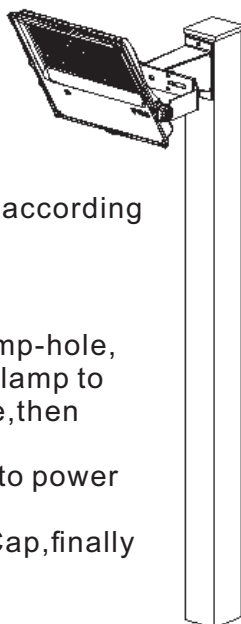


1. Fix the bracket on the wall by screws
2. Adjust the lamp body to proper orientation
3. Fix the screws that connecting the bracket and the lamp body.
4. Connect the wires. Brown wire is L, blue wire is N, and yellow-green wire is G.

Accessories series :

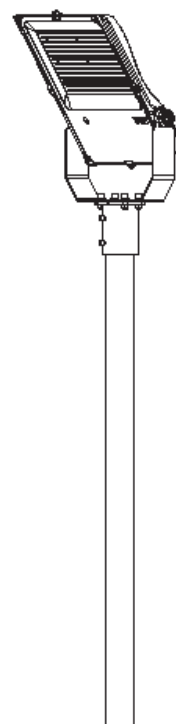


Straight arm bracket :



1. Confirm installation location according to installation hole.
2. Open pole Cap.
3. Open lamp cover.
4. Put all of the wire through lamp-hole, and align installation hole of lamp to installation hole of lamp-hole, then fasten screws of lamp.
5. Connect exposed lamp wire to power wire.
6. Fix up lamp cover and pole Cap, finally installation finish.

60mm lamp-pole:

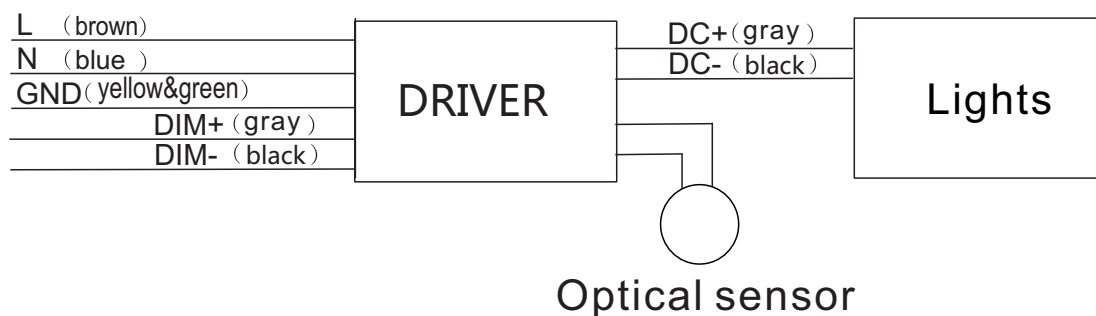


1. Install the lamp on the 60mm lamp-pole, and tighten the 2pcs M8 screws.
2. Wire connection: Connect exposed lamp wire to power wire.
3. Adjust the lamp angle, and installation finish.



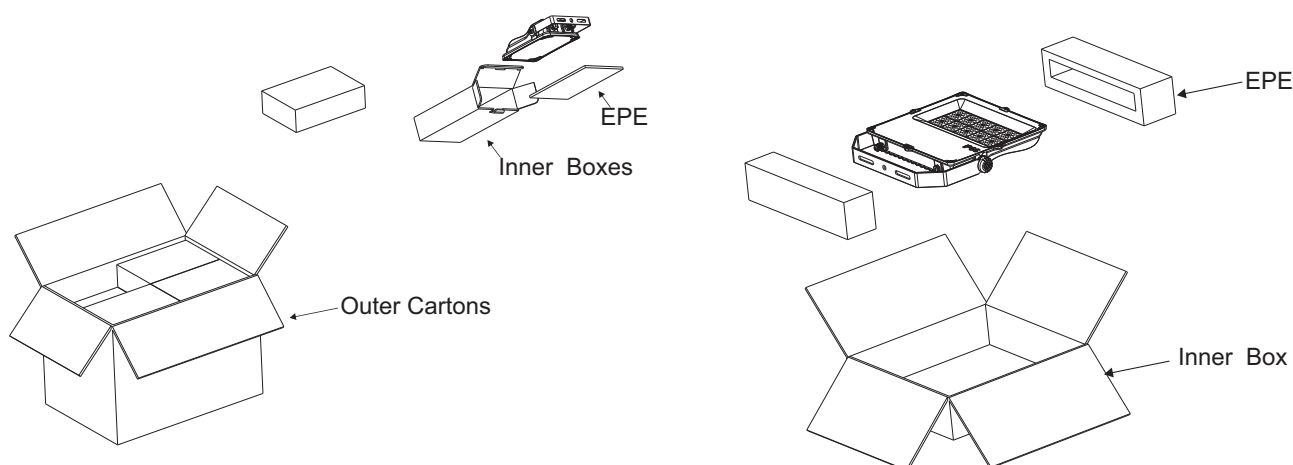
Wiring diagram:

AC220-240V



Packing information:

Ltem No.	Carton Size		Quantit y	G.W.
FLB-050-AH-XXK-ZYYY	Inner Boxes	296*226*60mm	1pcs	1,6Kg
	Outer Cartons	465*311*315mm	10pcs	17.0Kg
FLB-100-AH-XXK-ZYYY	Inner Boxes	372*292*60mm	1pcs	2.7Kg
	Outer Cartons	385*315*315mm	5pcs	15,5Kg
FLB-150-AH-XXK-ZYYY	440*420*115mm		1pcs	4.4kg
FLB-200-AH-XXK-ZYYY	490*420*115mm		1pcs	5.1kg
FLB-240-AH-XXK-ZYYY	540*420*115mm		1pcs	6.1kg
FLB-300-AH-XXK-ZYYY	580*570*115mm		1pcs	9.3kg





Installation requirement:

- 1.The product is only applicable to installation of lamp post with diameter of 60mm.
- 2.The installation of side-arm lamp post may refer to the inside level gauge after opening the back cover.
- 3.Power off before installation;and the lamp must be installed by professional electrician;
- 4.Confirm installation hole and location;
- 5.Connect light wire to power wire, seal the joint with insulation;
- 6.Make sure the installation material can endure the lamp weight;and install the lamp in the operation location.

Notice :

1. Please first read the product specification carefully to make sure the using environment conform to specification, then it can be installation;
2. Please confirm input voltage, frequency before installation;
- 3.This product must be installed by electrician;
- 4.If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use it;
5. Dangerous high voltage, non-professionals are not allowed to maintain the product;
- 6.If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.
- 7.Please pull the power cord to the wiring compartment at the bottom of mounting pole and make the branch connection,the input wire connected at the bottom of the pole.(the length of driver input wire meet the demand of customer's).
- 8.Use listed water proof bushing at outlet box cover (if applicable).