

# FLOOD LIGHT

## BALCO - B



# LED FLOOD LIGHT

FL-BLC-B.Series

10.20.20.40.50.100.150.200W



## Key Features

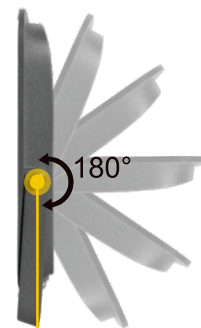
### High light efficiency LED chips

- SMD2835 High Lumen LED chips
- The whole lighting effect can reach 130~140Lm/W
- Low light decay, no flicker, stable performance



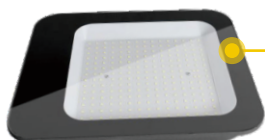
### 180° Adjustable stand

Large-angle adjustable bracket, flexible adjustment of the light direction, unlimited installation, wide applicability.



### Tempered glass mask

Using tempered glass light-emitting mask, good weather resistance, high stability, impact resistance, high and low temperature resistance, high light transmittance.



### Breathing valve

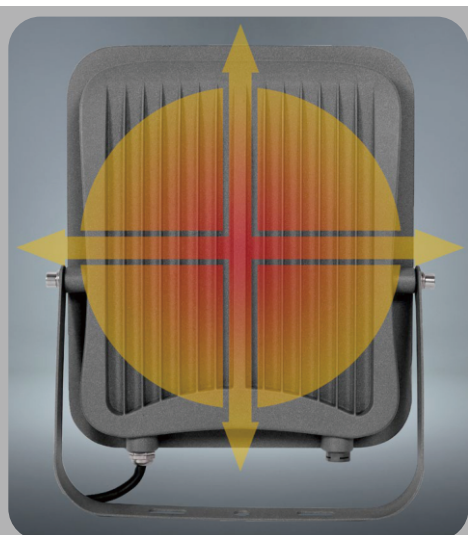
Using waterproof joints, it is waterproof, anti-siphoning, and can effectively prevent the accumulation of fog and water caused by the large temperature difference between inside and outside.

### Metal waterproof fixing head

The metal cable is used to fix the joint, which has a high safety factor, anti-corrosion and anti-aging.



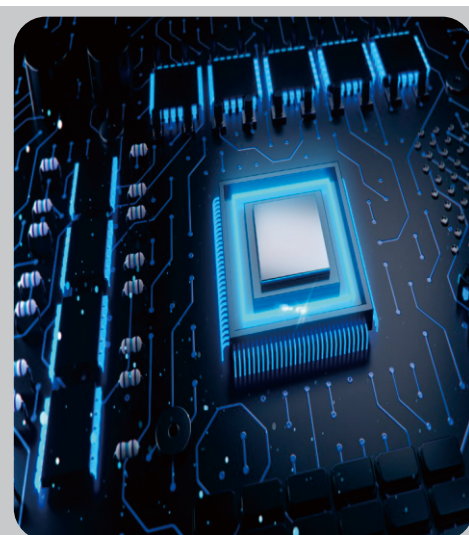
- Using standard ADC12 die-casting aluminum, green and pollution-free, free of lead, mercury and other polluting elements, without any pollution to the environment.
- Surface outdoor electrostatic spraying process, anti-corrosion, strong weather resistance, high reliability.



The fin-type heat dissipation structure design is adopted to effectively increase the heat dissipation area, optimize the air duct, realize three-dimensional and efficient heat dissipation, reduce light attenuation, extend the life of the light source, and effectively reduce the maintenance cost of later use.



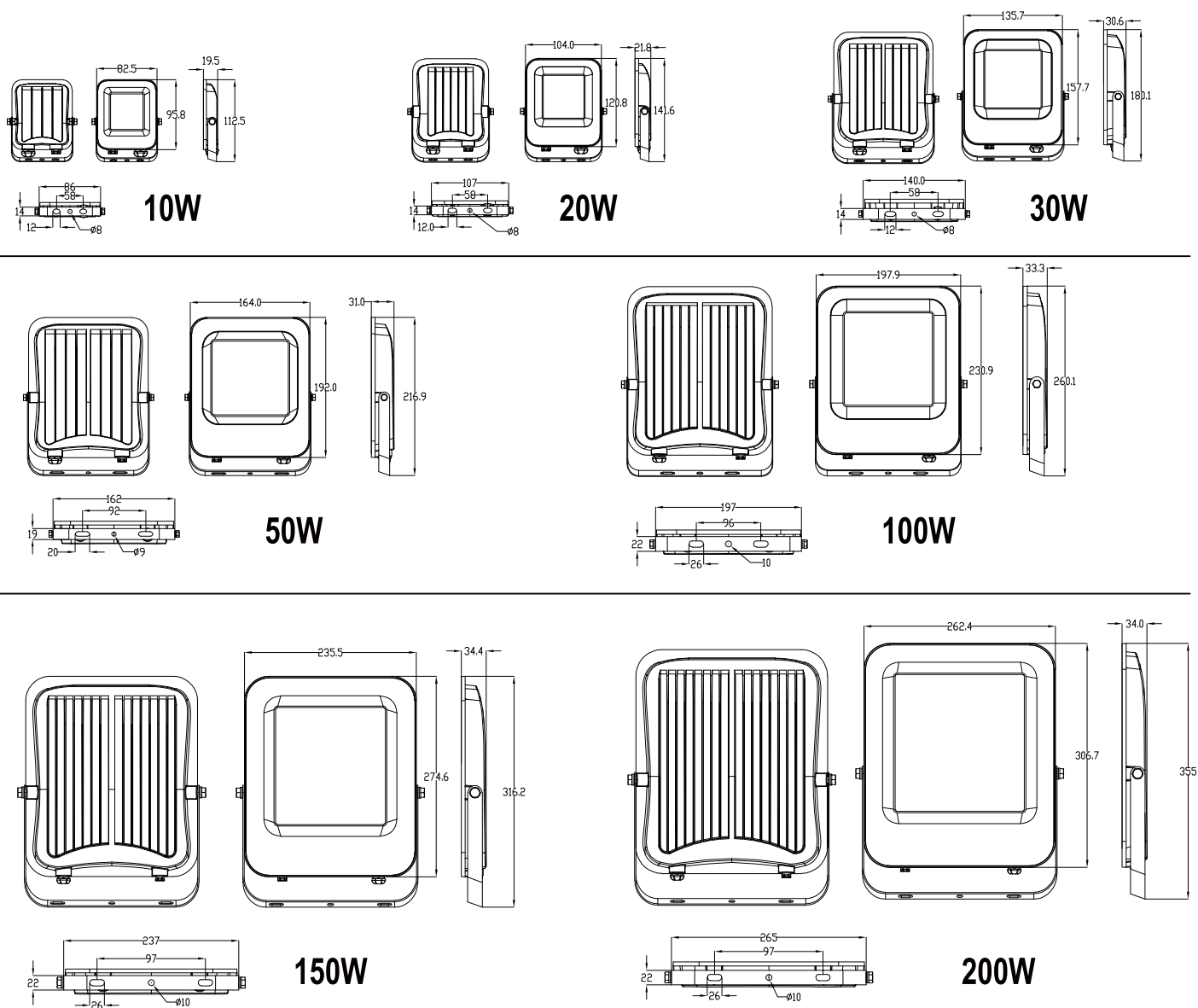
Precise seamless connection, waterproof, dustproof, protection grade up to IP65, can be used in harsh environments, such as rain, snow, humidity, easy installation, long service life, maintenance-free.



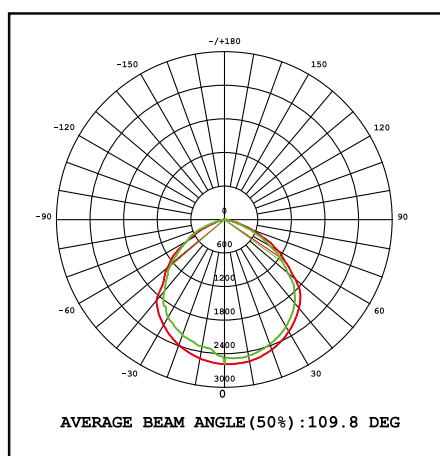
Integrated DOB power supply design with high-cost performance, low power consumption, stable lighting performance



## Product Dimension Drawing-unit:mm



## Light distribution angle:110°



### Products parameter:

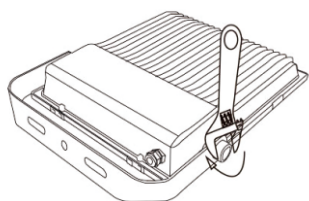
Product Specifications							
Model	FL-JL18-10W	FL-JL18-20W	FL-JL18-30W	FL-JL18-50W	FL-JL18-100W	FL-JL18-150W	FL-JL18-200W
Power	10W	20W	30W	50W	100W	150W	200W
Drive and light source parameters							
Driver	DOB						
Input Vol.	AC180~240V	AC100-277V, 50/60Hz					
LED Chip	SMD2835						
CRI	Ra>70(Default)/Ra>80						
Flicker Index	Flicker	Non-flicker					
CCT	2700~6500K						
Beam Angle	110°						
Power Factor(PF)	PF>0.9						
Luminous Efficiency(±5%)	130Lm/W(Default Ra>80) / 140Lm/W(Ra>70)						
Luminous Flux(±5%)	1300Lm	2600Lm	3900Lm	6500Lm	13000Lm	19500Lm	26000Lm
Other parameters							
Degree of protection	IP65&IK08						
Environment temperature	- 40℃ ~ +50℃.10%~70% RH						
Housing Color	Gray (Default)Other colors can be customized						
Body Material	High pressure die-cast aluminum						
Protective cover	Tempered glass						
Warranty	3 years						
Finished product packing parameters							
Product Size(mm)	112.5*86*19.5	141.6*104*22	180*135.7*30.6	217*164*31	260*198*33.3	316*236*34.4	350*262.4*34
Inner box size(mm)	100*33*125	125*35*145	155*38*185	185*38*220	230*40*260	270*40*300	295*40*335
Quantity/CTN	80PCS	50PCS	30PCS	20PCS	12PCS	10PCS	10PCS
Outer Box Size(cm)	350*215*515	265*200*645	480*205*395	400*385*225	480*260*265	420*275*305	320*300*340
Luminaire N.W(kg)	0.17kg	0.27kg	0.38kg	0.67kg	1.1kg	1.4kg	1.74kg
Packing G.W(kg)	14.8kg	14kg	14kg	14.8kg	13.5kg	15.8kg	19kg
★Remark: Dimensional tolerance: ±10mm, Weight tolerance: ±0.5KG							



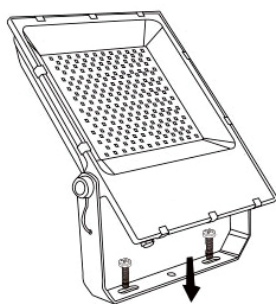
## Installation:

Before installation, first carefully check the input power voltage and power lamp parameters of the lamps and make the corresponding installation preparations and lay out the wiring.

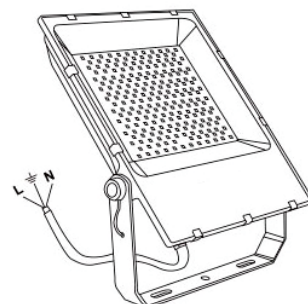
- 1). First, sort out the various parts and accessories for the lamps.
- 2). The power supply must be cut off before installation.
- 3). The bearing capacity of the fixture on the wall ceiling where the luminaire is installed should match the weight of the luminaire.
- 4). Connect the wires of the lamp body to the matching power cord.
- 5). Make sure the product is installed firmly, and finally turn on the power to light up.



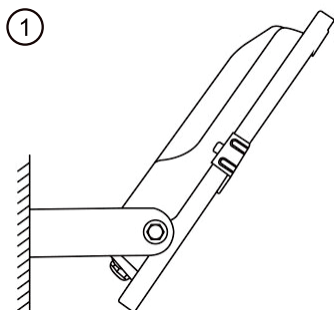
Loosen the screw to adjust the lighting angle



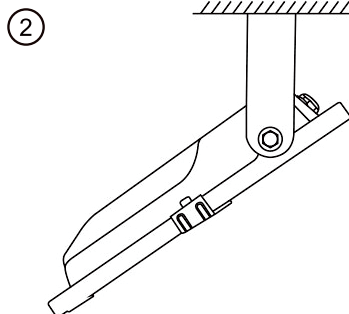
Fix the lamp body with screws



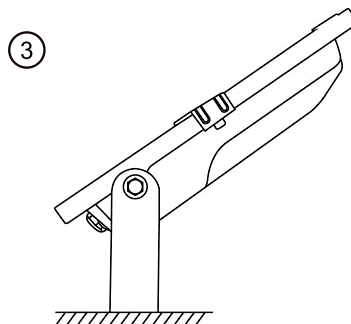
Connect the power cord



Side wall installation



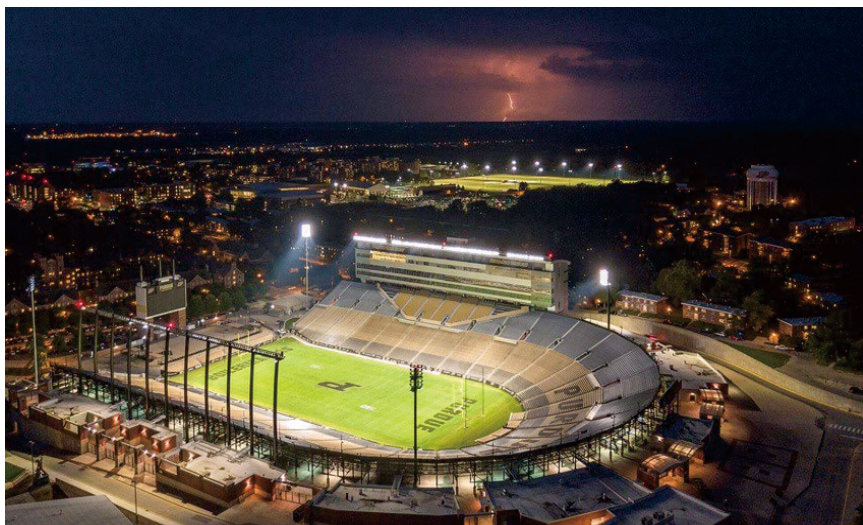
Hanging installation



Pedestal installation

## Applications:

Widely used in lighting venues such as hotels, tourist attractions, landscapes, villas, billboards, etc.



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