



AC Flood Light Series

FL-010/020/030/050/070/100/120/150-230-XX-AC-YY



CRI
>80



Description :

AC flood light employ capacitor-free technology, which greatly reduce the defect rate of driver, and improve lifespan to 60,000 hours. Ultra-slim shape design, greatly save transport and installation cost. AC series employ 2835 LEDs of high lighting effect, which can be up to 110LM/W. 10W-150W power available, suitable for different lighting scene, landscape lighting and general lighting.

Features :

1. Employ die-casting aluminum alloy lamp body, high toughened glass cover, durable, corrosion-resistant;
2. High effect thermal management, LEDs integrated with power, can continue to work in high stability; light lifespan can be up to 60,000 hours;
3. Can on/off frequently, no flicker and glare phenomenon ;
4. Compact appearance, novel design, greatly reduce transportation and installation cost;
5. High lighting effect LEDs, and lighting effect of light can be up to 110LM/W;
6. CRI =80, good color rendering performance
7. Temperature of operating environment: -20°C-40°C;
8. Corrosion-proof grade: W.



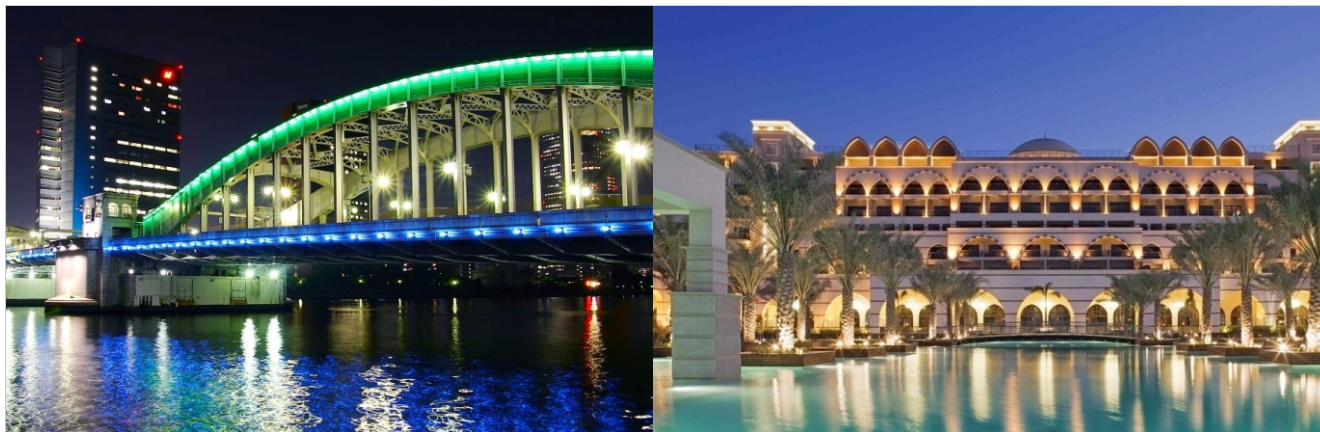
Technical parameters :

Model	CCT	Color	Lumen(lm) (±10%)	Beam angle	LED Type	Voltage, frequency	Power(w) (±10%)	Max. current (A)	CRI	PF
FL-010-230-W-AC-YY	5500-6500K	White	960	120°	SMD2835	AC200-240V 50/60Hz	10	0.06	> 80	≥0.9
FL-010-230-NW-AC-YY	4000-4500K	Neutral white	940							
FL-010-230-WW-AC-YY	2700-3200K	Warm white	910							
FL-020-230-W-AC-YY	5500-6500K	White	1900	120°	SMD2835	AC200-240V 50/60Hz	20	0.12	> 80	≥0.9
FL-020-230-NW-AC-YY	4000-4500K	Neutral white	1870							
FL-020-230-WW-AC-YY	2700-3200K	Warm white	1830							
FL-030-230-W-AC-YY	5500-6500K	White	2870	120°	SMD2835	AC200-240V 50/60Hz	30	0.18	> 80	≥0.9
FL-030-230-NW-AC-YY	4000-4500K	Neutral white	2810							
FL-030-230-WW-AC-YY	2700-3200K	Warm white	2750							
FL-050-230-W-AC-YY	5500-6500K	White	4920	120°	SMD2835	AC200-240V 50/60Hz	50	0.3	> 80	≥0.9
FL-050-230-NW-AC-YY	4000-4500K	Neutral white	4860							
FL-050-230-WW-AC-YY	2700-3200K	Warm white	4780							
FL-070-230-W-AC-YY	5500-6500K	White	6890	120°	SMD2835	AC200-240V 50/60Hz	70	0.4	> 80	≥0.9
FL-070-230-NW-AC-YY	4000-4500K	Neutral white	6800							
FL-070-230-WW-AC-YY	2700-3200K	Warm white	6660							
FL-100-230-W-AC-YY	5500-6500K	White	10030	120°	SMD2835	AC200-240V 50/60Hz	100	0.6	> 80	≥0.9
FL-100-230-NW-AC-YY	4000-4500K	Neutral white	9850							
FL-100-230-WW-AC-YY	2700-3200K	Warm white	9640							
FL-120-230-W-AC-YY	5500-6500K	White	11820	120°	SMD2835	AC200-240V 50/60Hz	120	0.7	> 80	≥0.9
FL-120-230-NW-AC-YY	4000-4500K	Neutral white	11700							
FL-120-230-WW-AC-YY	2700-3200K	Warm white	11460							
FL-150-230-W-AC-YY	5500-6500K	White	14790	120°	SMD2835	AC200-240V 50/60Hz	150	0.85	> 80	≥0.9
FL-150-230-NW-AC-YY	4000-4500K	Neutral white	14610							
FL-150-230-WW-AC-YY	2700-3200K	Warm white	14310							
YY represent specific model: 01=normal series										

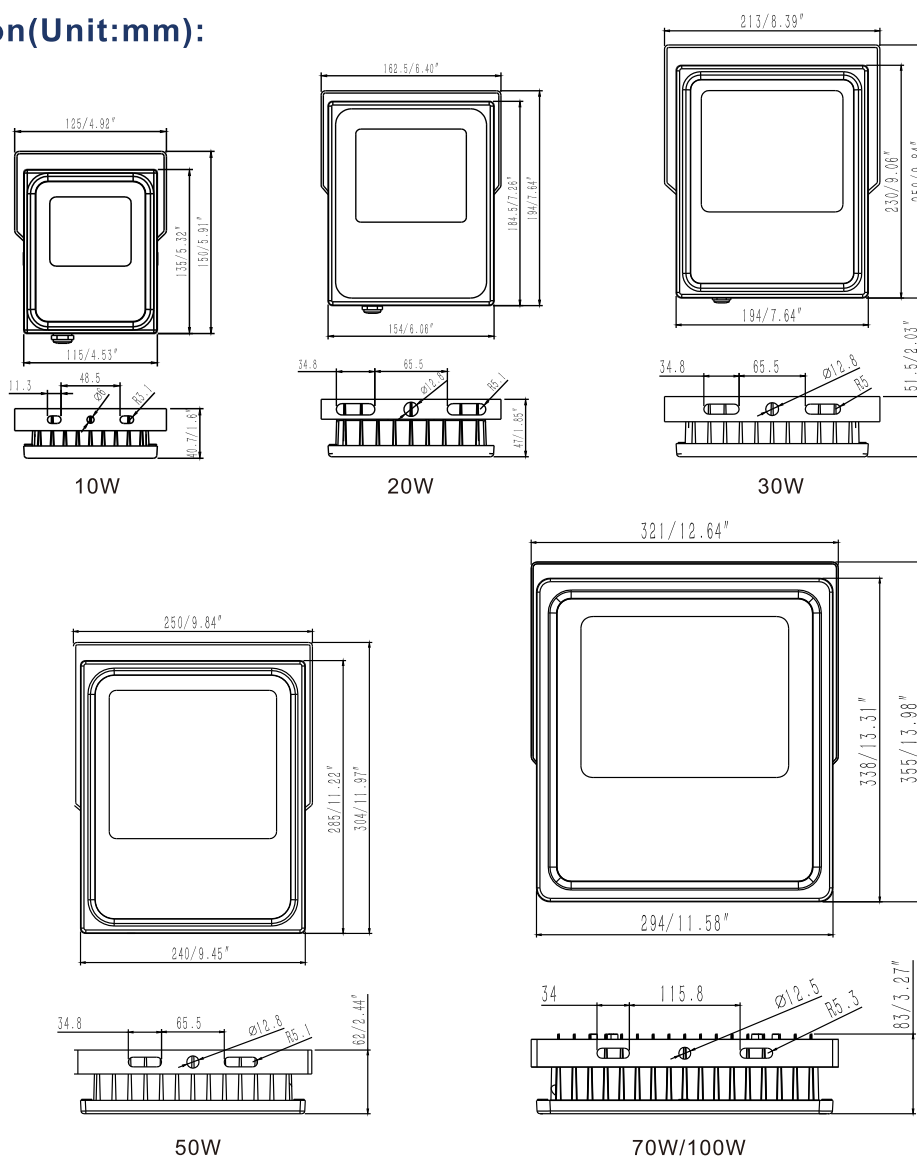


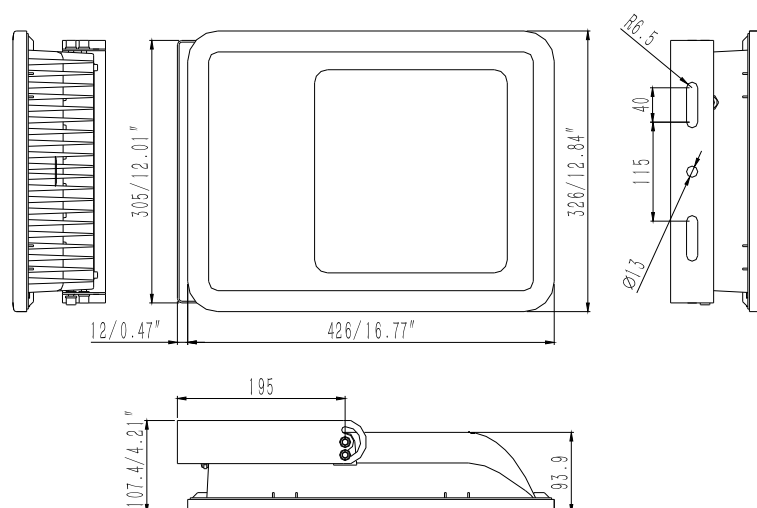
Application:

Mainly applied in outdoor flood lighting, building decoration, industry, sports center, outdoor stadium, port, parking lot lighting, and can also be used as roadway lighting.



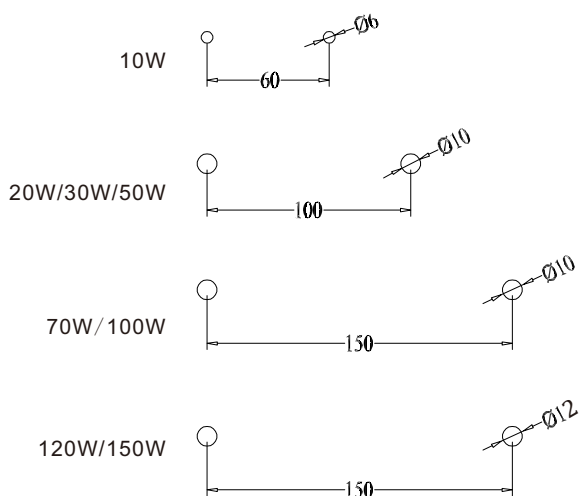
Dimension(Unit:mm):



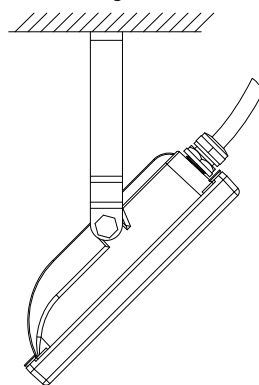


120W / 150W

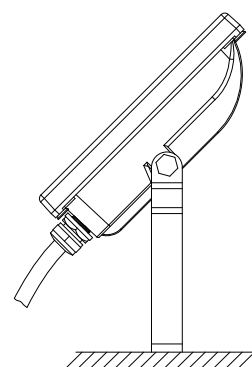
Installation:



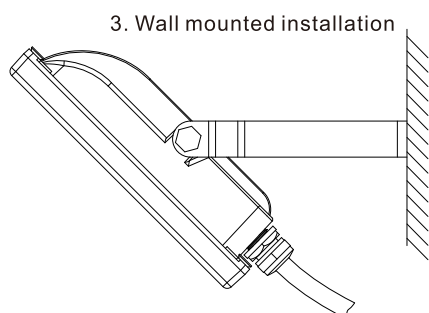
1. Ceiling installation



2. Pedestal installation

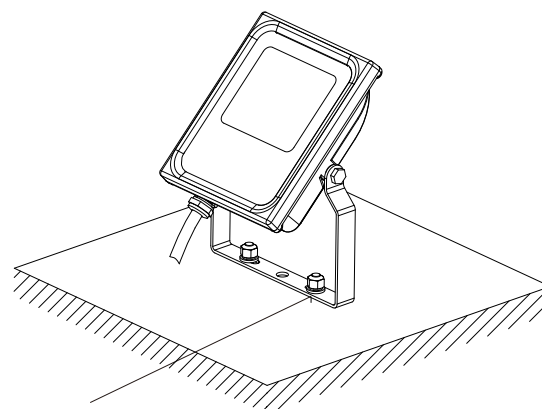


Step 1: Drill two holes on installation surface, and install M6/M8/M10/M12 expansion bolt;



3. Wall mounted installation

Step 2: install lamp on expansion bolts;



Step 3: install flat gasket, spring washer and nut to fasten bracket with expansion bolts.



Installation requirement :

- 1.Please prepare two sets of bolts to install the light;
- 2.Power off before installation;
- 3.Make sure the installed surface can endure the weight of light, and fix the light on the installed surface securely (according to installation diagram);
- 4.Connect light wire to power wire, seal the joint with insulation.
5. Reliable ground wires must be safely connected.

packing information:

power	net weight	gross weight	packing dimension	outer carton dimension	total weight
10W	0.4kg	0.6kg	137*62*195mm	565*405*205mm (24 pcs/carton)	16.4kg
20W	0.7kg	0.9kg	173*70*218mm	535*453*230mm (18 pcs/carton)	18.2kg
30W	1.1kg	1.3kg	219*78*258mm	533*455*255mm (12 pcs/carton)	17.6kg
50W	1.7kg	1.9kg	257*87*314mm	540*275*335mm (6 pcs/carton)	13.4kg
70W	3.4kg	3.7kg	340*120*420mm	500*440*360mm (4 pcs/carton)	16.8kg
100W	3.6kg	3.9kg	340*120*420mm	500*440*360mm (4 pcs/carton)	17.6kg
120W	5kg	5.2kg	455*345*160mm	470*360*500mm (3pcs/carton)	17.5kg
150W	5.2kg	5.4kg	455*345*160mm	470*360*500mm (3pcs/carton)	18kg



 Notice :

1. Please read the specification first, to make sure the service environment matches the conditions in the specification before using;
2. Please confirm input voltage, frequency before using;
3. The lamp must be installed by professionals;
4. The lamp can't be used if the power wire, housing are damaged;
5. The lamp can't be maintained by non-professionals;
6. If exterior flexible cable or wire is damaged, it must be exchanged by the supplier, its agent or other relevant qualified personnel to avoid dangers;
7. Corrosivity in the using environment can't exceed the anti-corrosion grade regulation, if you have special requirement, please first consult with our company.