

DEMASLED

LED FLOOD LIGHT



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Product Features



1. Separated heat dissipation parts of LED and power supply.

Better heat dissipation, Long life span.



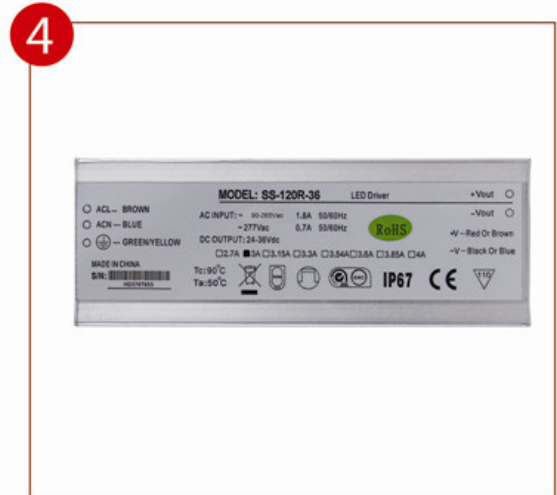
2. 6063 ALUMINUM ALLOY + ASA PLASTIC.

The whole lamp body is more lighter.



3. Toughened glass, high impact strength.

Light transmittance >93%

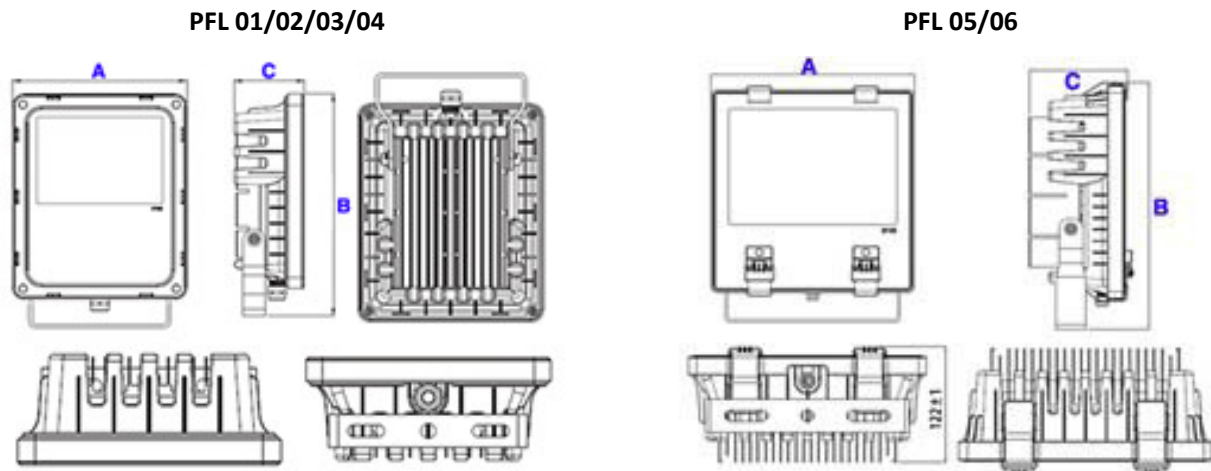


4. High PF waterproof driver.

Guarantee high efficiency.

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Drawing

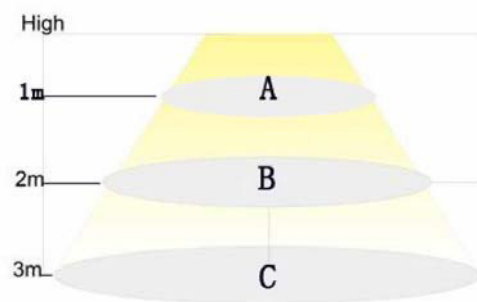


Part No	A (mm)	B (mm)	C (mm)
PFL01--10W	133	179	57
PFL02--20W	166	201	77
PFL03--30W	178	215	81
PFL04--50W	194	253	95
PFL05--80W	250	291	116
PFL06--100W	310	315	187

Notes: 1. All dimension units are millimeters.

2. All dimension tolerance is $\pm 2\text{mm}$ unless otherwise noted.

Illuminance



	10W	10W	20W	20W	30W	30W	50W	50W	80W	80W	100W	100W
	Warm white	white	Warm white	white	Warm white	white	Warm white	white	Warm white	white	Warm white	white
	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)	(LUX)
A	250	270	450	470	680	700	1400	1500	2400	2900	3000	3300
B	62	80	130	140	170	180	350	370	700	1000	1300	1400
C	33	40	60	70	90	100	180	190	350	500	750	800

Notes: Tolerance of measurement of luminous intensity $\pm 15\%$

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Characteristics

Absolute Maximum Rating at TA=25

Parameter	Symbol	Absolute Maximum Rating	Unit
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25 +60	
Storage Temperature	Tstg	-40 +80	

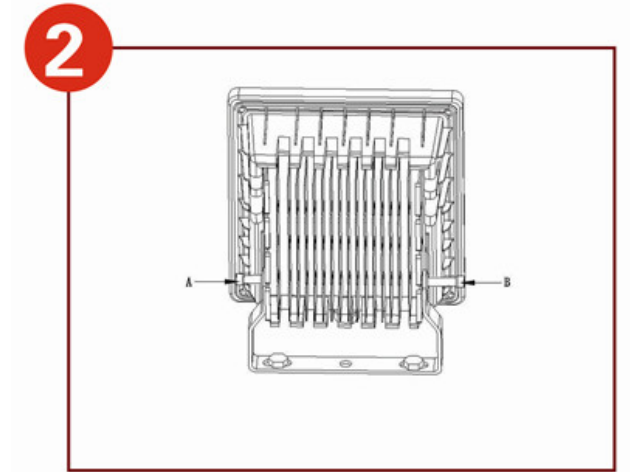
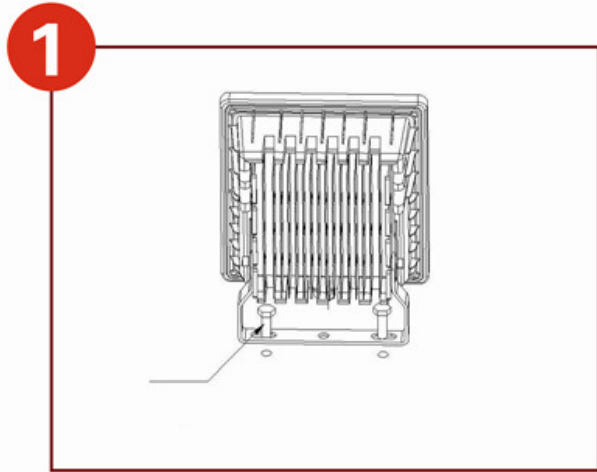
Electrical / Optical Characteristics at TA=25

		PFL01	PFL02	PFL03	PFL04	PFL05	PFL06
Power Dissipation (W)		10W	20W	30W	50W	80W	100W
Input Voltage (V)		AC100-240	AC100-240	AC100-240	AC100-240	AC100-240	AC100-240
LED Working Voltage(V)		27-30	30-36	30-36	30-36	30-36	30-36
LED Working Current (mA)		320	600	900	1500	2000	3000
LED Light Source		10W high power	20W high power	30W high power	50W high power	80W high power	100W high power
CRI		>70	>70	>70	>70	>70	>70
CCT (K)	White	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000
	Neutral White	4000-4500	4000-4500	4000-4500	4000-4500	4000-4500	4000-4500
	Warm White	2800-3200	2800-3200	2800-3200	2800-3200	2800-3200	2800-3200
Brightness (LM)	White	850	1550	2300	3600	5400	7500
	Neutral White	810	1495	2250	3550	5340	7500
	Warm White	750	1410	2175	3490	5280	7200
Viewing angle(°)		140	140	140	140	140	140

Notes: Tolerance of measurement of luminous intensity±15%

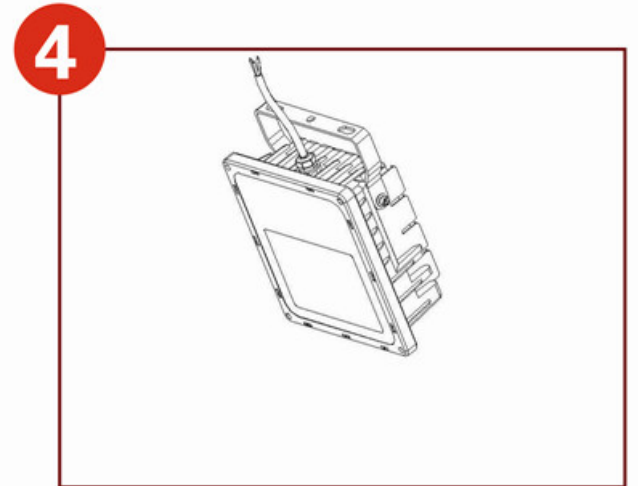
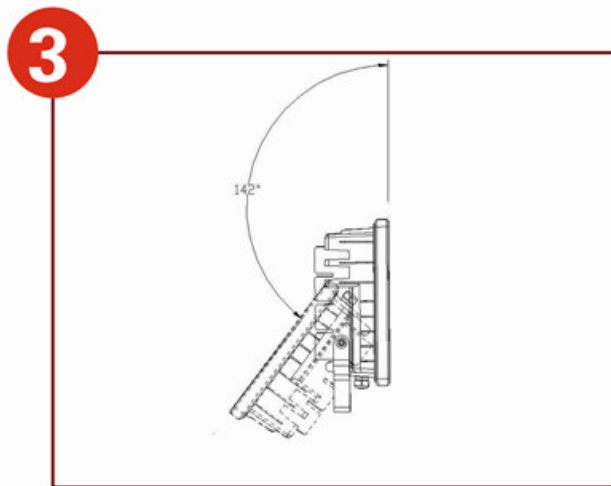
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Installation



1. Positioning screw holes in the place of fixed lamps.

2. After fixed the lamps, adjusting the screw on 2 sides.



3. After fixed the lamp to a idea angle, fixed the screw.

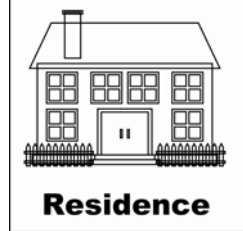
4. The lamp can be adjusting about 140°.

- Notes:
1. Please read the specification carefully before installation.
 2. The complete installation must be handled by an electrical expert.

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Application

LED Flood light widely used in bars, clubs, hotels, stages, parks, plazas, commercial buildings facade, mosques, museums, art galleries, historical buildings, Factories, gymnasiums, yards, advertising boards, buildings, lawns, garden designs and some other outdoor places where need spot lighting and lights decoration.



Safety Information

1. Using the standard working voltage: AC100-240V, 50/60Hz, **do not** exceed.
2. Storage temperature:-65 ~+50 ; working temperature:-20 ~+50 ; optimum working temperature: 0 ~+30 .
3. Be sure the power supply is turned off before installation.
4. Switch off power of the mains supply or the connection lead respectively before doing any works.
5. Please note waterproof, dustproof, electricity prevention and shockproof for the external power wires.
6. Directly fix bolts on the installation stem through the hole on the mounting bracket.
7. Be sure the connection between the wires is in good condition when install the lamps, beware of leakage.

