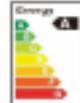


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LED FLOOD LIGHT



IP65



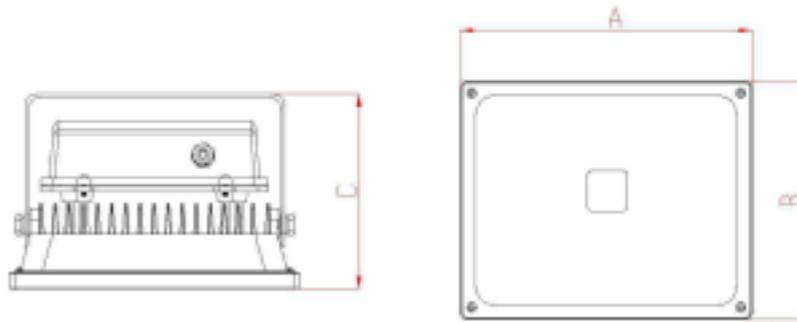
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Product Features

- High power Single COB LEDs as light source. High Luminous Efficiency, long life span.
- Adoption of constant-current to control the circuit. With over-temperature protection, short-circuit protection, high reliability performance, longer life can be achieved.
- Die-casting aluminum cover. Driver cavity and Light source cavity are parted. The inside of Light source cavity is tightly closed to LED light source. Good cross-ventilation between external heat sink and air, which guarantee the life span of light source and driver.
- Toughened glass, high temperature resistant silicon rubber sealing belt. Internal silicone potting ensures excellent waterproof properties and good thermal performance, high strength toughened glass inside strengthen the safety of lamps. Inner smooth mirror aluminum reflector enlarges the reflecting area. It is a idea choice for commercial advertising lighting.
- Environmental friendly: no pollution, cold light source design, no heat radiation, no lead, mercury and other pollution elements.
- Start without delay, Reach full brightness quickly after power on.
- The inside and outside of the led flood light is strong shockproof, effectively to resolve the problems such as led falls off, lamp bead shorten life, structure breakdown.

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Drawing

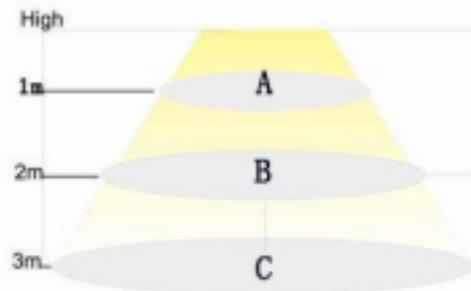


Part No	A (mm)	B (mm)	C (mm)
TL05(10w)	115	100	86
TL01(20w)	195	165	145
TL02(30w)	226	187	160
TL03(50w)	290	240	175
TL09(80w)	290	380	115
TL10(100w)	290	380	115

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										
	(lux)	(lux)										
A	250	270	450	470	680	700	1400	1500	2400	2900	3600	3800
B	62	80	130	140	170	180	350	370	700	1000	1500	1700
C	33	40	60	70	90	100	180	190	350	500	800	900

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	℃

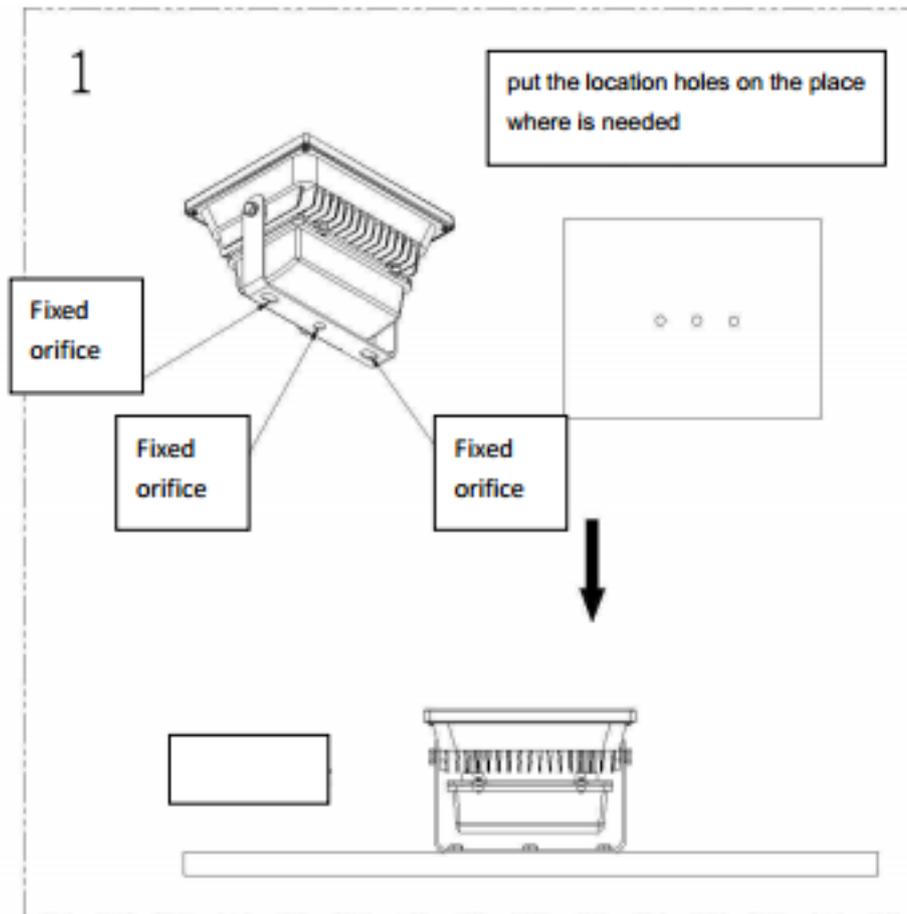
Electrical / Optical Characteristics at TA=25℃

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)	27-32	30-36	30-36	30-36	30-36	30-36	
LED Working Current (MA)	320	600	900	1500	2000	3000	
LED Light Source	10 W high power	20 W high power	30 W high power	50 W high power	70 W high power	70 W high power	
CRI	>70	>70	>70	>70	>70	>70	
CCT (K)	White	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	
	Neutral White	4000-4500	4000-4500	4000-4500	4000-4500	4000-4500	
	Warm White	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000	
Brightness (LM)	White	750	1650	2500	4100	5250	7300
Viewing angle(°)	140	140	140	140	140	140	

Notes: Tolerance of measurement of luminous intensity±15%

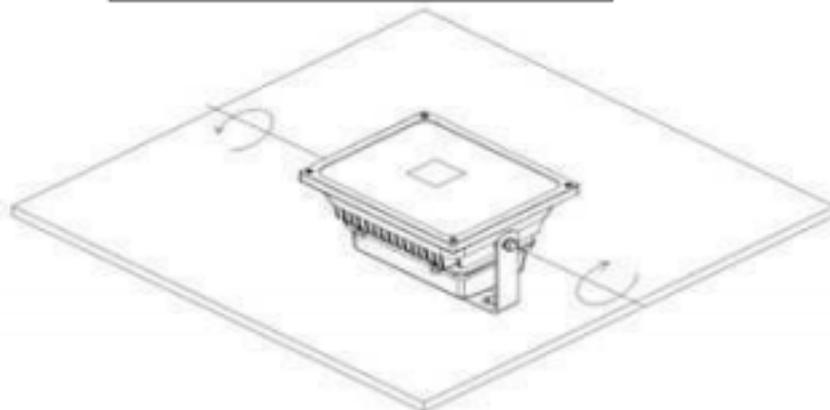
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Installation



2

Rotatable by 180 degree with central axis



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Packing Information

Power	BOX Size(mm)			CTN Size(cm)			Inner	Outer	N.W.	G.W.
	L	W	H	L	W	H	Pcs/box	Pcs/ctn	kg/pcs	kg/ctn
10W	115	80	86	43	34	26	1	24	0.6	16.5
20W	180	140	100	48	40	26	1	12	1.15	16
30W	225	185	125	48	43	41	1	12	2.11	29.2
50W	285	240	130	62	52	34	1	8	2.8	27
80W	390	290	110	51	42	32.5	1	4	5	24.8
100W	390	290	110	51	42	32.5	1	4	5	24.8

Application

LED Flood light is 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.



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Safety Information

1. Using the standard working voltage: AC85-265V, 50/60Hz, **do not** exceed
2. Storage temperature:-65℃-+50℃; working temperature:-30℃-+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.
8. Please read the specification carefully before installation.
9. The complete installation must be handled by an electrical expert

