

# LED FLOOD LIGHT



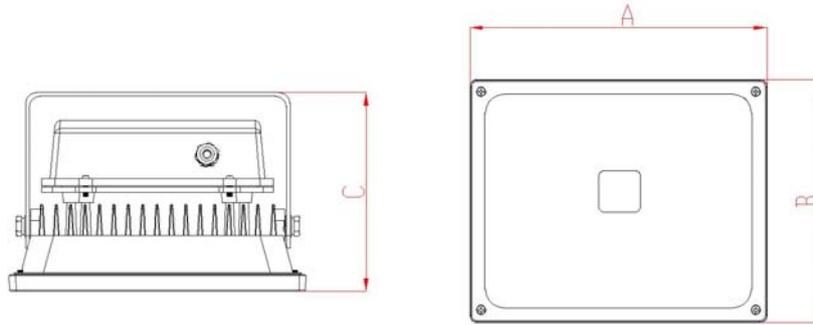
IP65



# Product Features

- Use High power Single COB LEDs as light source. High Luminous Efficiency, long life span.
- Adopt constant-current to control the circuit and make steady performance. Provide with over-temperature protection, short-circuit protection, long life span and high reliability design.
- Die-casting aluminum as light 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.
- Made of Toughened glass, high temperature resistant silicon rubber sealing belt. Internal silicone potting to ensure excellent waterproof properties and good thermal performance, high strength toughened glass inside, increasing the safety of lamps. Inner smooth mirror aluminum reflector enlarge the reflecting area. It is the commercial advertising lighting ideal choice.
- 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 shakeproof, effectively to resolve the problems such as led falls off, lamp bead shorten life, structure breakdown.

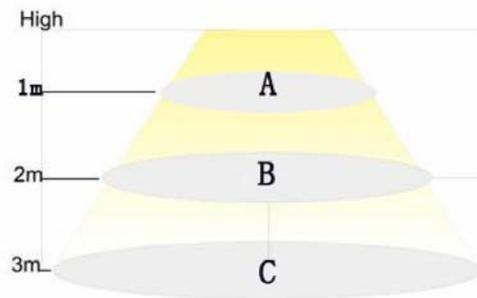
# Drawing



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(70w)	290	380	115
TL10(100W)	380	290	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	70W	70W	100W	100W
	Warm white	White										
	(LUX)	(LUX)										
A	250	270	450	470	680	700	1400	1500	2400	2900	2100	2200
B	62	80	130	140	170	180	350	370	700	1000	530	580
C	33	40	60	70	90	100	180	190	350	500	245	275

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

# Characteristics

Absolute Maximum Rating at TA=25°C

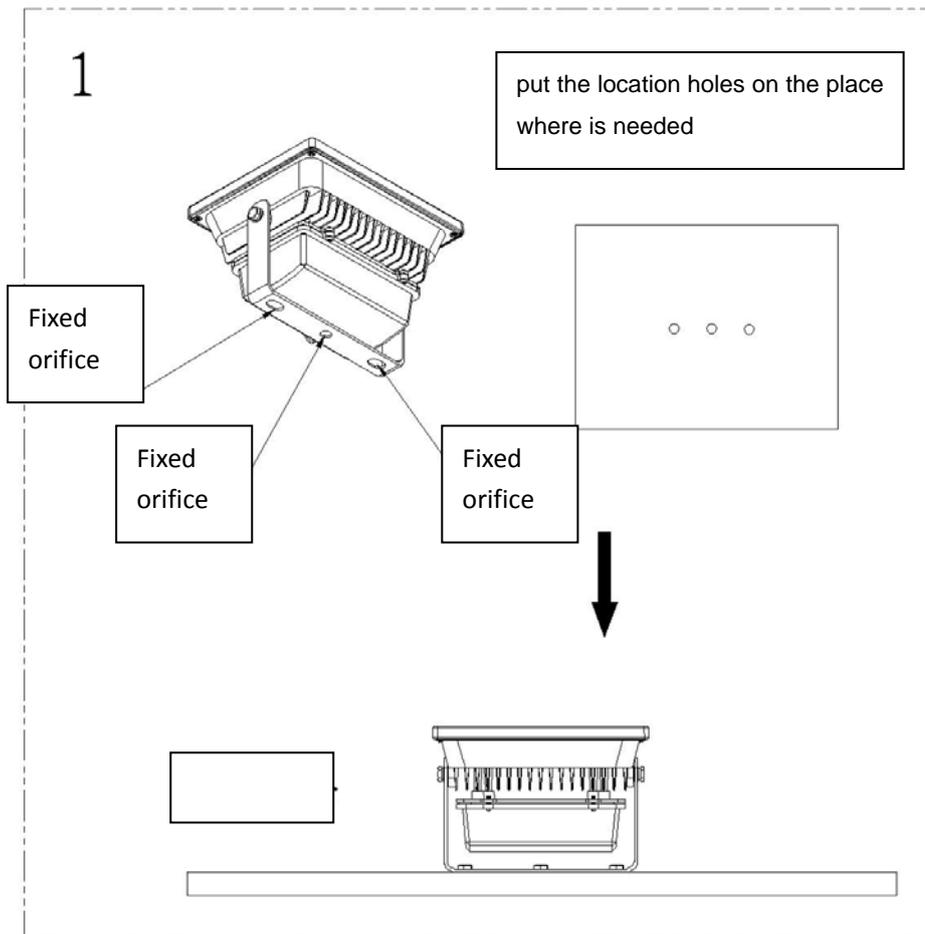
Parameter	Symbol	Absolute Maximum Rating	Unit
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical / Optical Characteristics at TA=25°C

		TL05	TL01	TL02	TL03	TL09	TL10
Power Dissipation (W)		10W	20W	30W	50W	70W	100W
Input Voltage (V)		AC85-265	AC85-265	AC85-265	AC85-265	AC85-265	AC85-265
LED Working Voltage(V)		9-12	32-36	32-36	32-36	32-36	32-36
LED Working Current (MA)		900	1500	1000	1600	2300	2300
LED Light Source		10 W high power	20 W high power	30 W high power	50 W high power	70 W high power	100 W high power
CRI		>70	>70	>70	>70	>70	>70
CCT (K)	White	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000	5500-6000
	Warm White	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000	2500-3000
Brightness (LM)	White	650	1400	2300	3600	5200	7600
	Warm White	600	1300	2100	3400	4900	7300
Viewing angle( °)		90	90	90	90	90	140

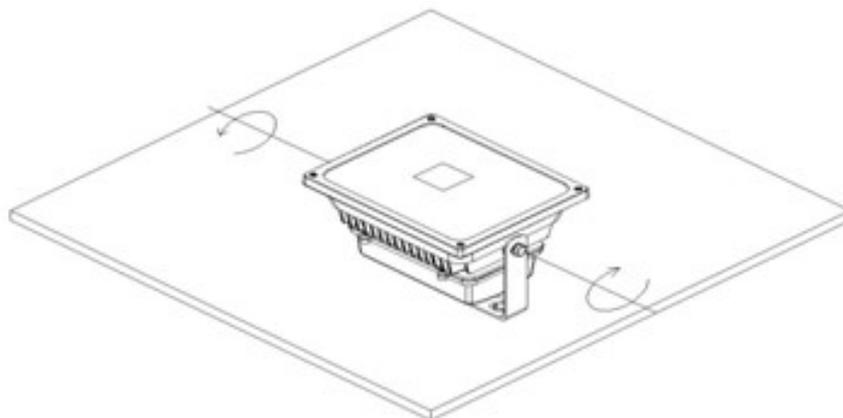
Notes: Tolerance of measurement of luminous intensity±15%

# Installation



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Rotatable by 180 degree with central axis

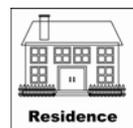
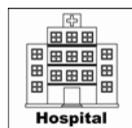


# Packing Information

Part No.	Power	BOX Size(mm)			CTN Size(mm)			Inner	Outer	N.W.	G.W.
		L	W	H	L	W	H	pcs/box	pcs/ctn	kg/pcs	kg/ctn
TL05	10W	115	100	100	325	250	425	1	24	0.51	16.84
TL01	20W	185	115	150	475	395	250	1	12	1.07	17.44
TL02	30W	230	190	130	480	415	400	1	12	2.27	31.84
TL03	50W	300	245	155	620	335	515	1	8	3.47	32.36
TL09	70W	410	295	130	545	315	430	1	4	4.78	19.6
TL010	100W				460	390	350	1	2	5.75	11.5

# Application

Floodlighting and wall washing for bars, clubs, hotels, stages, parks, plazas, commercial buildings facade, mosques, museums, and 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: AC85-265V, 50/60Hz, no exceed.
2. Storage temperature:-65°C-+50°C; working temperature:-30°C-+50°C; optimum working temperature: 0°C-+30°C.
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

