LED FLOOD LIGHT

IP65

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.

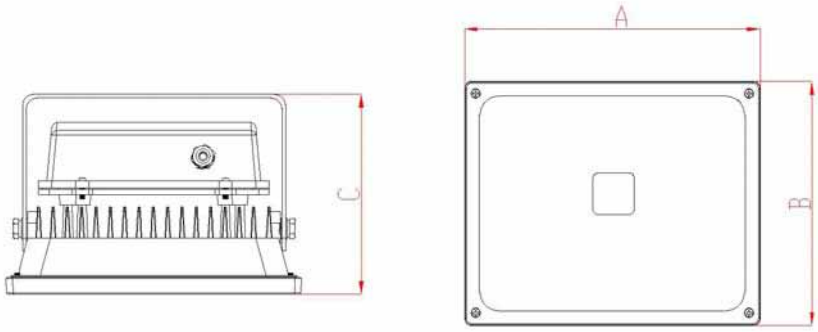
- Toughened glass, high temperature resistant silicon rubber sealing belt. Internal silicone potting ensures excellent waterproof properties and good thermal performance, high strength toughened glass inside strengthen the safety of lamps. Inner smooth mirror aluminum reflector enlarges the reflecting 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.

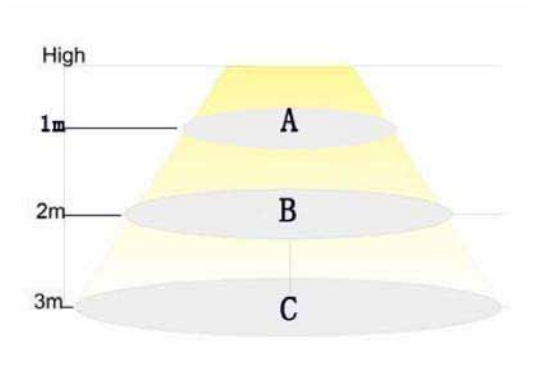
Drawing



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

Notes: 1. All dimension units are millimeters.
2. All dimension tolerance is ±2mm unless otherwise noted.

Illuminance



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

Notes: Tolerance of measurement of luminous intensity±15%

Characteristics

Absolute Maximum Rating at TA=25□

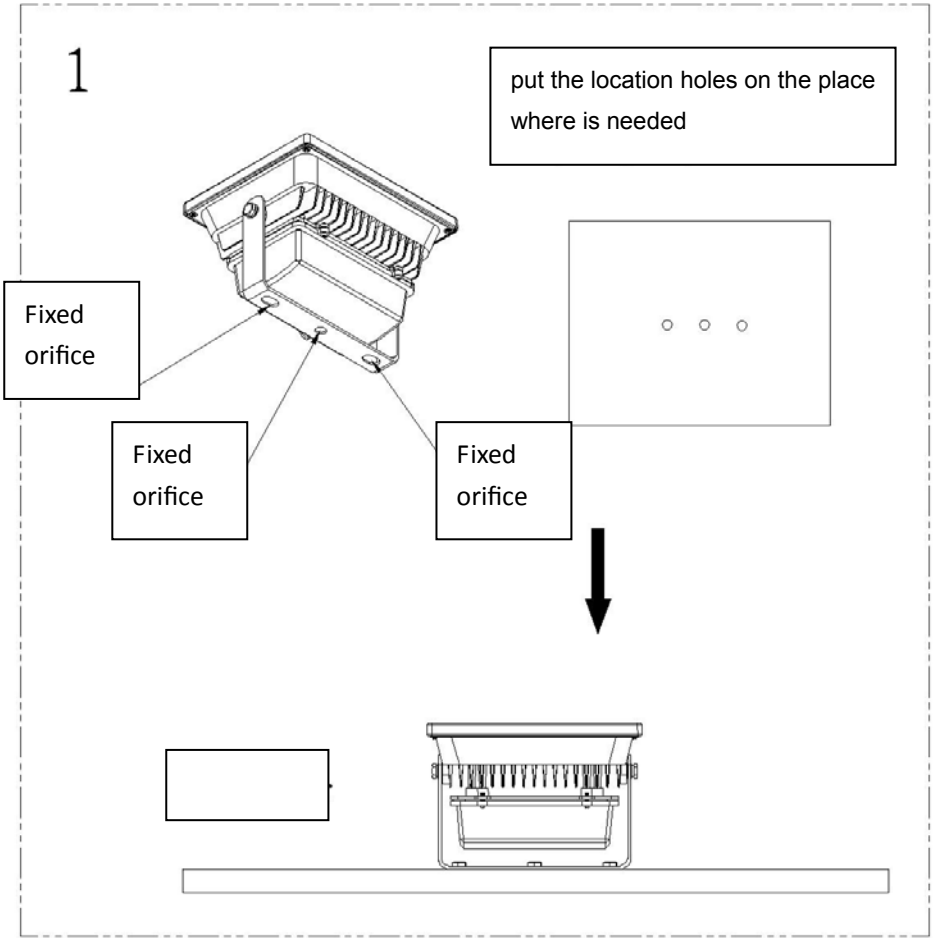
Parameter	Symbol	Absolute Maximum Rating	Unit
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25□ +60	□
Storage 1Temperature	Tstg	-40□ +80	□

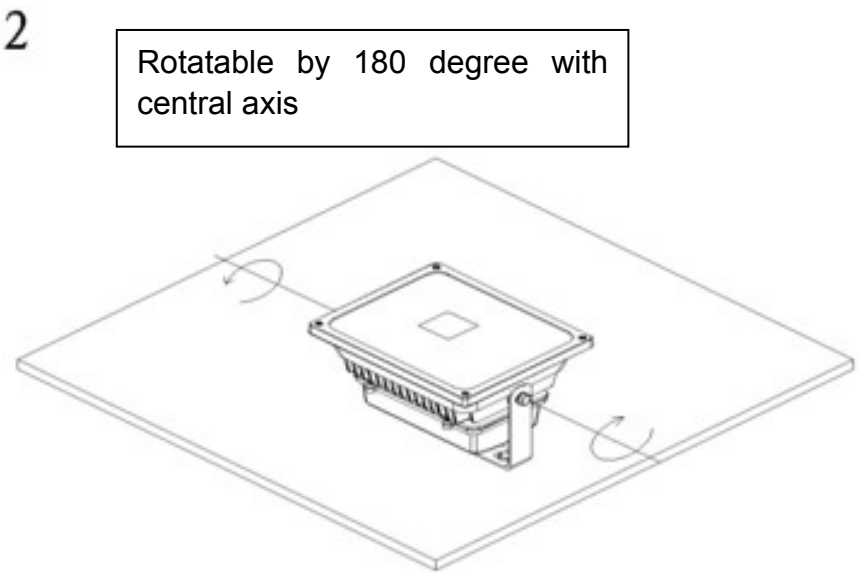
Electrical / Optical Characteristics at TA=25□

		TL05	TL01	TL02	TL03	TL09
Power Dissipation（W）		10W	20W	30W	50W	70W
Input Voltage（V）		AC85-265	AC85-265	AC85-265	AC85-265	AC85-265
LED Working Voltage(V)		9-12	32-36	32-36	32-36	32-36
LED Working Current (MA)		900	650	1500	1600	2300
LED Light Source		10 W high power	20 W high power	30 W high power	50 W high power	70 W high power
CRI		>70	>70	>70	>70	>70
CCT（K）	White	6500	6500	6500	6500	6500
	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	850	1550	2300	3000	5400
	Neutral White	810	1495	2250	3550	5340
	Warm White	750	1410	2175	3490	5280
Viewing angle(°)		140	140	140	140	140

Notes: Tolerance of measurement of luminous intensity±15%

Installation





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.

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