

Maintenance-free LED explosion-proof lights



Flat type



Curved

The Product Features

1. The radiator design is made of special cast aluminum alloy die-casting, and the surface is high-pressure electrostatic spray;
2. Stainless steel exproduced solid parts with high anti-corrosion performance;
3. The spigot, threaded explosion-proof joint surface, and pure explosion-proof structure, makes better explosion-proof performance Reliable;
4. Standard three-box separated structure design, and modular installation combination. effectively reduce the temperature rise and ensure the long life of the lamp;
5. Professionally designed light distribution system, multi-point light, high light utilization, reasonable light distribution, uniform illumination and no glare;
6. High-strength transparent tempered glass, impact resistance and strong heat resistance and sudden change ability, high light transmittance;
- 7 .Power factor $\cos\phi \geq 0.95$;
8. It can be equipped with a combined emergency device according to the requirements of use, when the power supply is cut off, it can automatically switch to the emergency lighting state;
- 9 .Steel pipe or Cable routing.

Scope of application

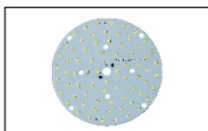
1. Applicable to areas 1 and 2 of explosive environment;
2. Applicable to areas 21 and 22 of explosive dust environment;
3. Applicable to explosive gas atmospheres of IIA, IIB, and IIC;
4. Applicable to T1~T6 temperature Group;
5. Suitable for energy-saving renovation projects and places where maintenance and replacement are difficult;
6. Widely used for lighting in places such as petroleum exploration, oil refining, chemical industry, military industry, textile, food processing, offshore oil platforms, and tankers.

Features

Emergency parameters/intelligent dimming

Emergency start time (S)	Charging time (h)	Emergency power (W)	Emergency lighting time (min)	Normal operation	Abnormal work
≤0.3	24	≤10	≥60min, ≥90min optional	100% power operation	20% power operation

Feature display



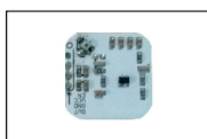
Well-known brand chips, reasonable arrangement, one-way light, uniform and soft light, light efficiency ≥130lm/W, high color rendering Ra>80, long service life, green and environmental protection, color temperature 3000K~6500K.



High-strength material transparent glass cover, strong resistance to impact and thermal shock, high light transmittance.



Natural ventilation convection heat dissipation technology uses air flow to dissipate to the surface of the heat sink of the lamp through the heat dissipation channel and heat flow channel, effectively dissipating the heat of the LED light source.



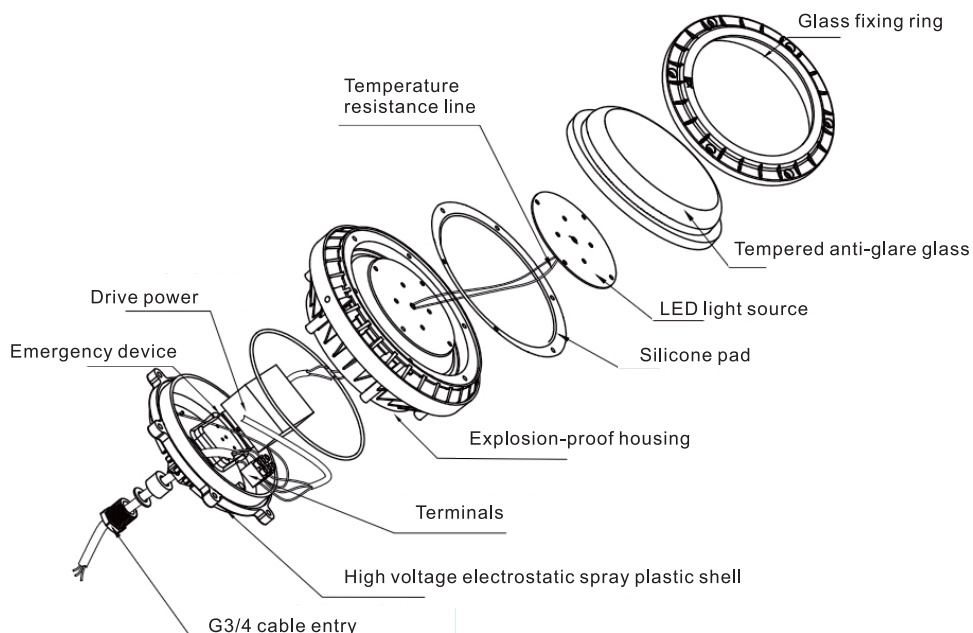
Microwave induction dimming system:
A: when the human body is within the range of the lamp (5~10 meters adjustable), the lamp runs at full power;
B: When the human body leaves (0~30S adjustable), the lamp will be reduced to 20% power operation, which is energy-saving and environmentally friendly.

Specification

Model specification	Explosion-proof mark	Light source	Lamp type	Power (W)	Luminous flux (Lm)	Color temperature (K)	Weight (kg)
MiniKingkong -10-100W	Ex d IICT6 Gb/ Ex tD A21 IP66 T80°C	LED	I	10	1600	3000~6000	1.9
				20	3200		
				30	4800		
			II	40	6400		3.1
				50	8000		
				60	9600		
			III	70	11200		4.8
				80	12800		
				90	14400		
				100	16000		

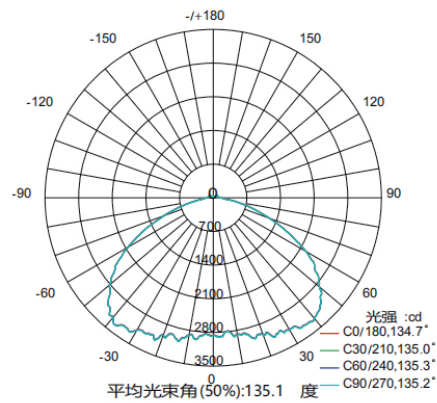
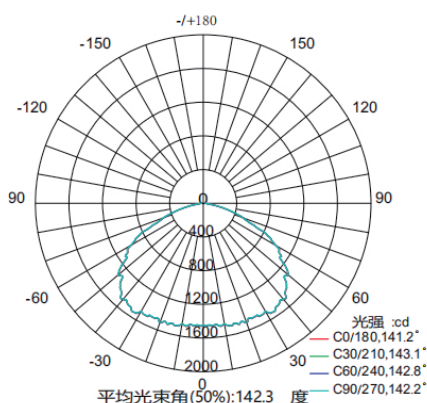
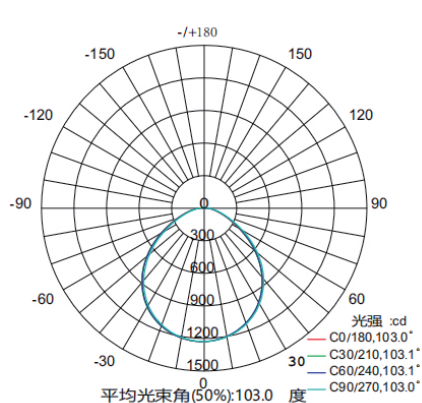
Rated voltage/frequency	Inlet thread	Cable outer diameter	Protection level	Anti-corrosion grade
220V/50Hz	G3/4 NPT3/4 M25X1.5	Φ9~Φ14mm	IP66	WF2

Structure analysis



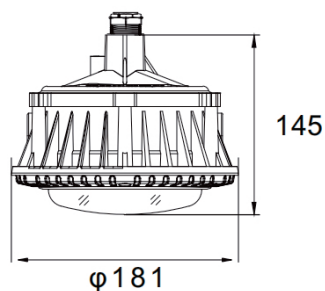
Curve Distribution& Structure

Light distribution curve

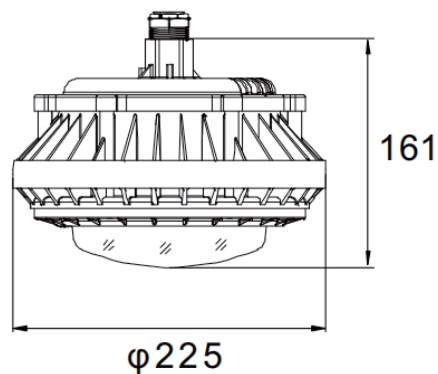


Lamp size

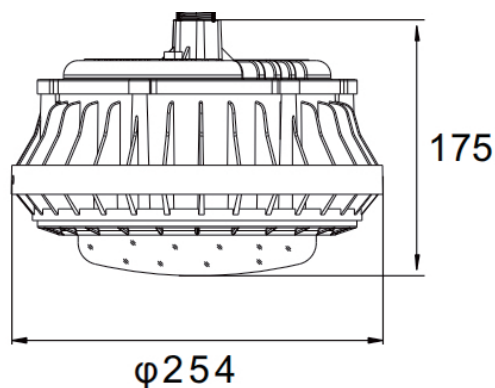
10W-30W



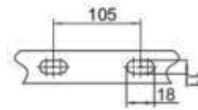
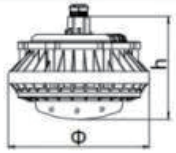
40W-60W



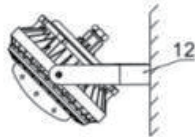
70W-100W



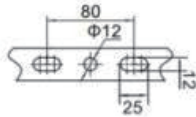
Installation&Application



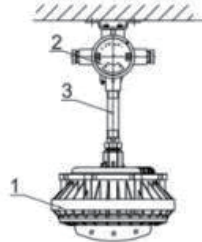
Ceiling box installation size



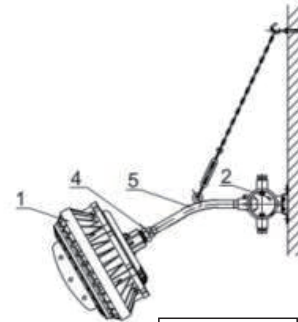
Conventional bracket



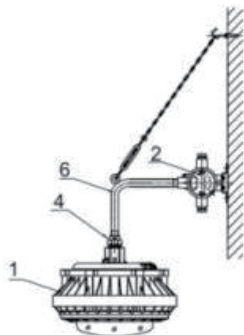
Bracket type installation size



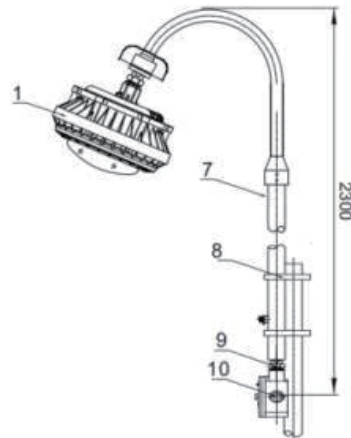
Boom type



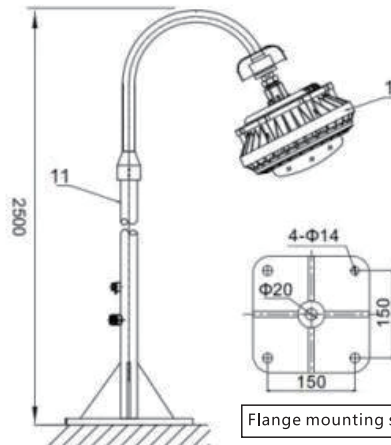
Wall type 30°



Wall type 90°



Guardrail



Flange type

Flange mounting size

1. Must have earth line in the right application!
2. After Earthing, must use insulation tape, insure the separating and water-proof.
3. Fastening the screw, in case it gets loose !
4. Input voltage not exceeding AC100~277V / DC24V!

After sale service

Response in 2 hours if you have any problem when you receive the goods.

Below condition is free of repairing.

- Damage due to faulty application and operation.
- Damage due to transportation.
- Damage due to self repairing.
- Damage due to natural disaster.