

## SHBZ series explosion-proof aviation obstruction lamp

### Scope of application

1. Used in Zone 1 and Zone 2; Zone 21 and Zone 22; IIA, IIB, IIC;
2. Temperature group: T1~T6;
3. Suitable for energy saving renovation projects and places where maintenance and replacement are difficult;
4. Widely used in petroleum exploitation, refining, chemical industry, military industry, textile, food processing and offshore oil platform, tanker and other places of lighting.



### Feature of product

1. Aluminum alloy die-casting shell, with high voltage electrostatic spraying on the surface, is corrosion resistant and aging resistant;
2. The transparent parts are made of imported engineering resin, which is UV resistant and anti glare, and the light is soft, which can effectively avoid discomfort and fatigue caused by light;
3. Exposed stainless steel fasteners have high anti-corrosion performance;
4. All external detachable parts of the lamp shall be provided with anti falling measures;
5. The joint surface adopts high temperature resistant silicone rubber seal ring, with the protection performance up to IP66, which can be used indoors and outdoors;
6. Special terminal blocks are set inside, with reliable wire connection and convenient maintenance;
7. The new energy-saving and environment-friendly LED light source has small light attenuation and a service life of up to 100000 hours;
8. Special constant current power supply, low power consumption, constant output power, open circuit, short circuit, overheating protection functions, high power factor up to 0.9 or more;
9. This series of lamps are equipped with cable clamping sealing device, which can be used for steel pipe or cable wiring.

### Characteristics of LED high-power spherical lamp beads

1. LED light source, unidirectional lighting, no side lighting, high light utilization;
2. Good energy-saving effect, high luminous efficiency, green and environmental protection;
3. Wide voltage input, constant luminous flux output and long service life;
4. Constant current power supply, low power consumption, constant output power, open circuit, short circuit, overheating protection functions, to ensure reliable operation of led light source;

## Technical parameter

Model	Explosion proof sign	light source	Power (W)	Average life (h)	Flash rate (times/min)	Weight (kg)
SHBZ-□	Ex db II CT6 Gb Ex tb III C T80°C Db	LED	10~40	50000	20~60	4.6
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Rated voltage/ frequency	Inlet thread	Cable outer diameter	Degree of protection	Anti corrosion grade
220V/50Hz	G3/4	Φ 10~Φ 14mm	IP66	WF2

Lamps

## Appearance and installation example

