

Features



The Product Features

- ◆ Light source module: using high-brightness LED light source, with high-efficiency constant current drive power, saving up to 60% of electricity than gas discharge lamps; LED components are all sealed, waterproof and dustproof, without internal cleaning and maintenance; low thermal resistance of the circuit board, special in the designed module circuit, the failure of each unit will not affect the normal operation of other components.
- ◆ Power module: high-efficiency constant current drive power supply with intelligent power regulator; with luminous flux compensation function, reduce light attenuation, and ensure the light efficiency of LED light source; with overvoltage protection, overcurrent protection and surge current protection functions.
- ◆ Heat dissipation module: The explosion-proof lamp shell is made of aluminum alloy high-pressure casting, and the surface is shot blasted and high-voltage electrostatic spray, which effectively improves the heat dissipation performance of the shell; the circuit board is close to the aluminum alloy shell, which can instantly convert the point heat source into surface heat source, the heat dissipation area is doubled, which is conducive to the rapid dispersion of heat and improves the heat dissipation efficiency; the surface of the shell has air flow dispersion grooves to take away the heat by air flow; the high density of heat dissipation fins greatly increases the heat dissipation area and fully ensures the heat dissipation of the LED requirements, and longer service life.
- ◆ Light distribution module: specially designed light distribution components for each type of lamp, giving full play to the performance of the lamp.
- ◆ No ultraviolet radiation, can provide high-quality lighting and health protection for users who work indoors for a long time.
- ◆ The light source and the power supply adopt an integrated structure, the power supply cavity is equipped with dumpling chains, which makes the lamp installation more convenient.
- ◆ This series of lamps are maintenance-free products, energy-saving and environmentally friendly.
- ◆ The wall-mounted installation rotation angle is adjustable, cable wiring, ceiling-mounted, embedded cable or steel pipe wiring can be used for type installation.
- ◆ The exposed fasteners are made of stainless steel with high corrosion resistance.

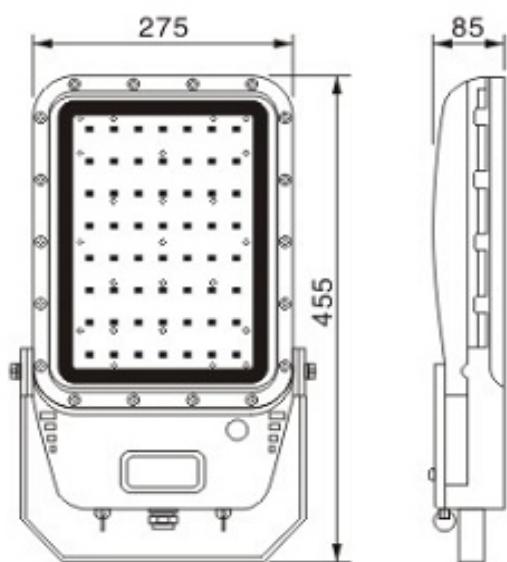
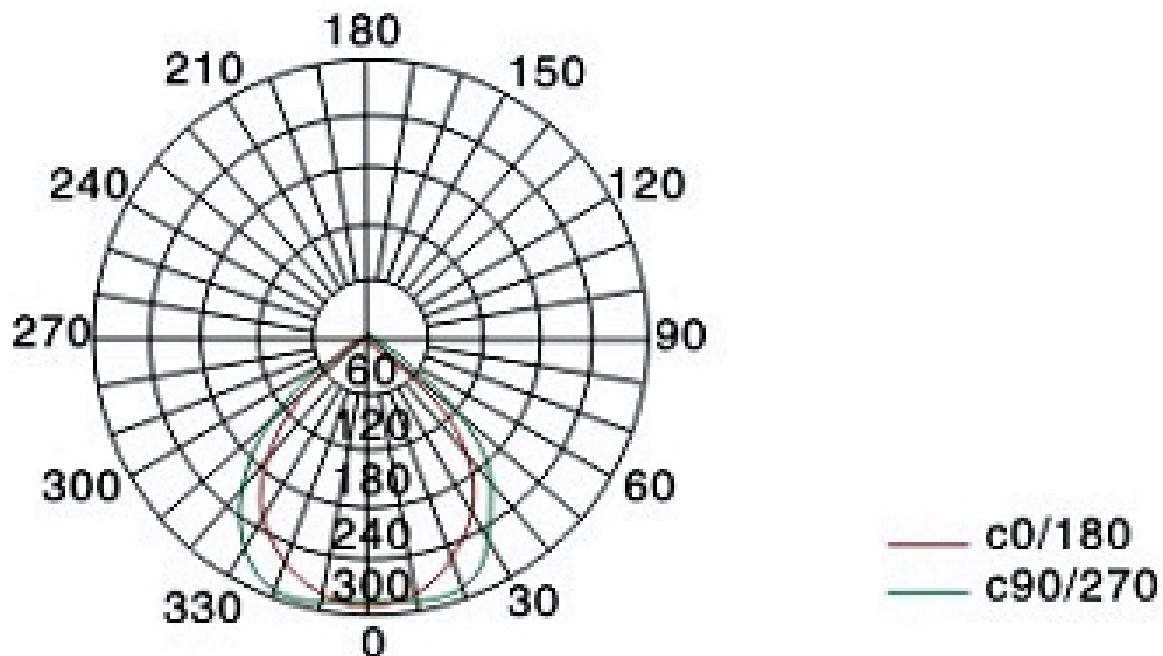
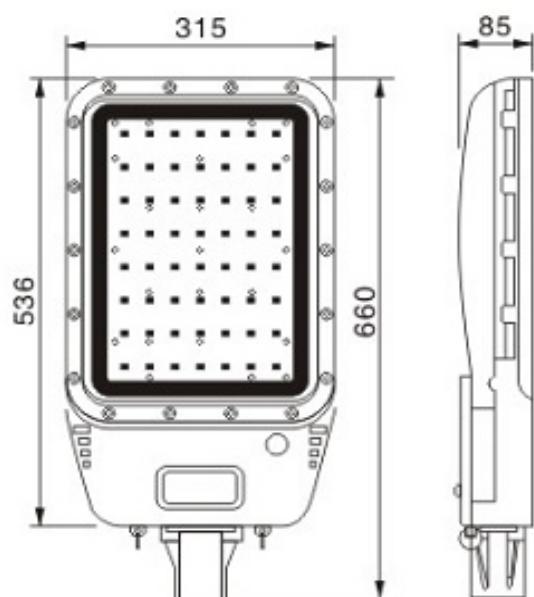
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Scope of application

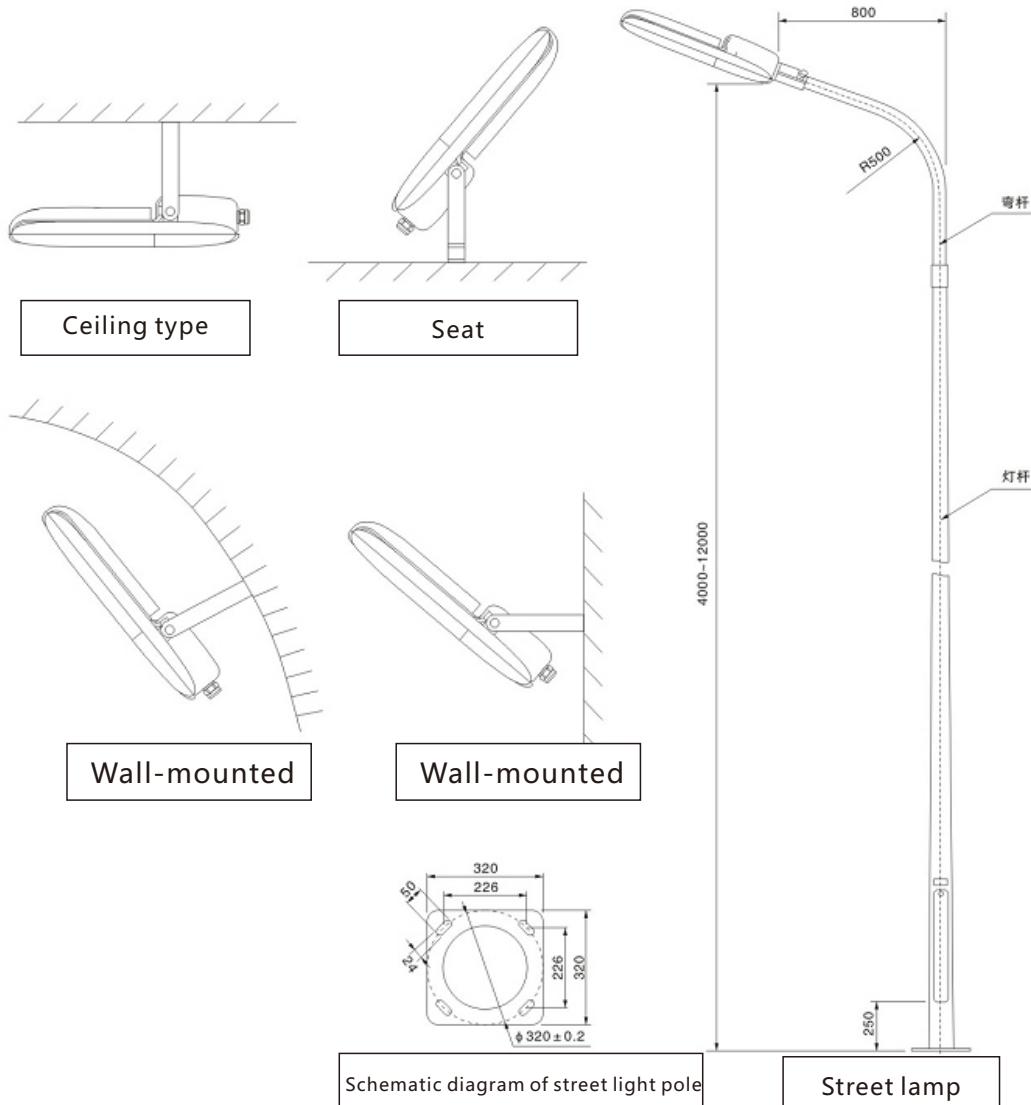
- Applicable to explosive gas environment Zone 1 and Zone 2;
- Applicable to IIA, IIB, IIC level explosive gas environment;
- Applicable to the environment with temperature group T1~T4;
- Applicable to petroleum extraction, storage, chemical industry, Explosive dangerous environments such as medicine, military industry and military facilities.
- Used as factory area or road lighting;
- Three specifications of products are available; floodlight , cast light and street light.

Specification

Model	Big eye		
Executive standard	Gb3836.1、Gb3836.2、Gb3836.3、Gb3836.9、EC60079-0、EC60079-1、EC60079-7、EC60079-18		
Explosion-proof mark	Exd IICT4		
Rated voltage	AC90-270VAC		
Frequency Range	50Hz		
Rated power	50W	100W	150W
LED luminous flux	5000lm	10000lm	15000lm
Power factor	≥ 0.90		
Power Efficiency	≥ 0.88		
Color rendering index	≥ 70		
Color temperature	2700K-6500K		
Light source	LED light source		
Luminous efficiency	90lm/w		
Protection level	IP 66		
Anti-corrosion grade	WF1		
Inlet thread	G3/4"		
Cable specifications	$\Phi 9-\Phi 14\text{mm}$		
Installation method	x: ceiling type/ b: wall suction /q: Embedded		
Lamp type	floodlight , cast light and street light		
Lifespan	$\geq 50000\text{H}$		
Product weight	3.5kg		

Curve Distribution& Structure**Scaffold****Street lamp**

Installation&Application



- 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.