

Explosion Proof Beacon



Main Features



The Explosion-proof Beacon can be used as an additional signal device for explosion-proof telephone systems, gas detectors systems, and safety alarm systems. It is also suitable for use in public broadcast warning or alarm systems, and can function alone as a special warning light or aviation obstruction light.

It is ideal for applications in industries such as petroleum and petrochemical, electricity, nuclear power, natural gas, chemical industry, refineries, port ships, aircraft routes, oil drilling platforms, and marine facilities.

- With LED long-on, flashing, rotating and xenon flashing functions
- With light sensor switch function (light level can be set)
- ABS material for lamp cover, corrosion-resistant, high temperature resistant
- Aluminum alloy or stainless steel housing, capable of withstanding strong impacts and collisions
- Easy to install, maintain, and configure parameters on site ; easy to replace the lamp head
- Protection rating IP66
- ATEX, IECEx explosion-proof certification

Explosion-proof standard

Ex d ib IIC T6 Gb/Ex tD A21 IP66 T80°C

Specification Parameter

Operating voltage	DC12V	
Power frequency	50Hz-60Hz	
Power consumption	10W	
Light source (optional)	LED reflector rotating type; Rotation speed: 120-140 RPM	1Hz flash (60 fpm) 1.5Hz flash (90 fpm) 2Hz flash (120 fpm) Double strike flash 50ms on, 150ms off x 2, 600ms off Triple strike flash 150ms on, 150ms off x 3, 600ms off High Power Steady Low Power Steady LED service life ≥ 60,000 hours
	LED flashing & strobe type (Power: 5W, 10W)	
	Xenon strobe type (Power: 5J, 10J, 15J, 20J)	1Hz flash (60 fpm)
Warning mode	Rotating beacon	
Housing material	Aluminum alloy or SUS304 stainless steel	Optional
LED lamp cover	ABS	—
Protection rating	IP66	
Operating temperature	-30°C ~ 70°C	
Operating humidity	10% ~ 95% RH (Non-condensing)	
Product Dimensions:	149* 149* 188.35 mm, Packaged in carton box	

