

Hand Lamps

BAD309E Searchlight



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Safe and reliable: the product with good explosion-proof performance and antistatic effect, can safely and reliably work in various combustible areas.
- ◆ Efficient and energy-saving: LED solid lamp, low energy consumption, high luminous efficacy, long service life, maintenance free and no subsequent usage cost, memory-free battery is recyclable, pollution-free.
- ◆ Waterproof and damage-proof: the light adopts whole-sealing craft, applicable in damp and severe atmosphere, special alloy enclosure makes sure the light can resist strong shock and impact.
- ◆ Intelligent control: the light is with two kinds of working modes:

strong light and working light, switch is controlled by intelligent chip, the strong light and weak light can be changed at random, single-chip control; with battery display and special protection circuit, with protection function of anti-over charging, over discharging and short circuit, reliably protect the battery and prolong the service life.

- ◆ Convenient and durable: unique lamp cap; lighting angle can be adjusted within the scope of $-45^{\circ} \sim 55^{\circ}$, no lighting dead angle (lighting range of strong light: 800m, effective distance: 300m, suitable for long-distance searching and lighting in large area of close range), light weight, portable type, horizontal type, hang type, magnetic absorption, etc, convenient to use; the switch is with anti-incorrect operation function.



Technical data

Searchlight BAD309E

Explosion protection	
Gas explosion protection	Ex II 3 G Ex nR IIC T6 Gc
Dust explosion protection	Ex II 2 D Ex tb IIIC T80°C Db IP66
Certificates	LCIE 15 ATEX____; IECEX
Conformity to standards	EN 60079-0: 2012, EN 60079-15: 2010, EN 60079-31: 2009 IEC 60079-0: 2011, IEC 60079-15: 2010, IEC 60079-31: 2008
Rated voltage	12V
Rated capacity	4Ah
Lamp(LED)	
Rated power	9W / 3W
Average service life	100000h
Continuous working time	
Strong light	≥ 8h
Working light	≥ 18h
Charging time	≥ 8h
Charging voltage	100~240V AC, 50/60Hz
Service life of battery	about 1000 times cycling
Degree of protection	IP66
Weight	1.9kg

Zones 2; 21&22