

## Hand Lamps

### HRD309E 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  $-45^{\circ}$ ~ $55^{\circ}$ , 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 HRD309E

##### Explosion protection

Gas explosion protection

⊕ II 3 G Ex nA nR IIC T4 Gc

Dust explosion protection

⊕ II 2 D Ex tb IIIC T80°C Db IP66

##### Certificates

ATEX and IECEx (applied for)

##### Conformity to standards

EN 60079-0, EN 60079-15, EN 60079-31  
IEC 60079-0, IEC 60079-15, IEC 60079-31

##### 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