

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: with good explosion-proof performance and antistatic effect, the product can safely and reliably work in various combustible areas.
- ◆ Efficient and energy-saving: LED lamp, low energy consumption, high luminous efficacy, long service life, maintenance free and no subsequent usage cost, recyclable memory-free battery, 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°~ 55°, 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

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|--------------------------------|--|
| Explosion protection | |
| Global (IECEx) | IECEx CQM 16.0008X |
| Gas and dust | Ex nA nR IIC T4 Gc |
| Europe (ATEX) | Ex tb IIIC T80°C Db IP66 |
| Gas and dust | EPT 16 ATEX 2503X |
| Certificates | \textcircled{Ex} II 3 G Ex nA nR IIC T4 Gc |
| Conformity to standards | \textcircled{Ex} II 2 D Ex tb IIIC T80°C Db IP66 |
| Rated voltage | IECEx; ATEX |
| Rated capacity | EN 60079-0, EN 60079-15, EN 60079-31 |
| Lamp(LED) | IEC 60079-0, IEC 60079-15, IEC 60079-31 |
| Rated power | 14.8V DC |
| Average service life | 4Ah |
| Continuous working time | |
| Strong light | 9W / 3W |
| Working light | 100000h |
| Charging time | $\geq 8h$ |
| Charging voltage | $\geq 18h$ |
| Service life of battery | $\geq 8h$ |
| Degree of protection | 100~240V AC, 50/60Hz |
| Weight | about 1000 times cycling |
| | IP66 |
| | 1.9kg |



Zones 2; 21&22