

Hand Lamps

BAD502A Strong Working Light

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Safe and reliable: the product with good explosion-proof performance, can safely and reliably work in various combustible areas.
- ◆ Efficient and energy-saving: special gas discharging lamp; high luminous efficiency, luminous flux is 5 times of that of halogen lamp with the same power, illumination is 3 times of 100W halogen bulb, service life is 5-10 times of that of normal halogen lamp, with the same brightness, the power consumption is 15% of that of normal halogen lamp, good anti-shock effect, small heating value, safer and more reliable.
- ◆ Waterproof and damage-proof: the light adopts whole-sealing craft, can work normally when in water, special alloy enclosure makes sure the light can resist strong shock and impact.
- ◆ Economic and environmental friendly: the memory-free battery can be charged at any time, after charging fully and laid aside for a year, the reserve of electricity is not less than 80% when it is full, for two years, it is not less than 50%, low-voltage discharging protection circuit is set; reliably protect the battery and prolong the service life.
- ◆ Convenient and durable: unique lamp cap, lighting angle can be adjusted at random, there are wheels at the bottom, easy to move and work.
- ◆ Other performances: normally, floodlight is provided; spotlight is on request.



Technical data

Strong working light BAD502A

Explosion protection	Ex II 2 G Ex d e IIC T4 Gb
Certificates	LCIE 12 ATEX 3081X; IECEx CQM 12.0040X
Conformity to standards	EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-7: 2007 IEC 60079-0: 2007, IEC 60079-1: 2007, IEC 60079-7: 2006
Rated voltage	24V
Rated capacity	20Ah
Lamp	Xenon lamp
Working voltage	24V
Rated power	35W
Luminous flux	3200lm
Average service life	3000h
Continuous working time	≥ 10h
Charging time	≥ 12h
Charging voltage	100~240V AC, 50/60Hz
Service life of battery	about 1000 times cycling
Degree of protection	IP65
Weight	15kg



Zones 1&2