Lighting Technology



BAD303 explosion-proof portable high intensity discharge hand lamp is usable for indoor and outdoor movable lighting and emergency lighting in II A, II B, II C explosive gas atmosphere of oil field, mine and chemical factory.

BAD303 Explosion-proof Portable High Intensity Discharge Hand Lamp

- Explosion protection to
 - -CENELEC
 - -IEC
- Can be usedin Zone 1 and Zone 2
- With dual filament energy-saving lamp, low energy consumption, long service life
- Made of engineering plastic, high hardness, impact protection and corrosion protection,
- High-octane and memory free battery, long service life, low self discharging, no pollution.
- Free shift from strong light to weak light.
- Carried by hand, on the waist or on the safe cap





Zones 1&2

Technical Data

Explosion-proof portable high intensity discharge hand lamp BAD303

Explosion protection

Gas explosion protection

Certificates

For gas explosion protection

Conformity to standards

Rated voltage

Rated capacity

Lamps

working voltage

working current
Luminous flux

Continuous working time

Charging time

Battery service life

Visible distance

Protection class

Degree of protection

Ambient temperature

Dimension

Weight

⟨Ex⟩ II2G Exde II CT4

PCEC (China)

IEC 60079-0: 2004; IEC 60079-1:2003; IEC 60079-7:2001

6V

4.5Ah

6V

2.5A for high intensity lighting; 0.4A for working lighting

High intensity lighting ≥ 90lm; working lighting ≥ 32lm

1-2h for high intensity lighting; ≥ 10h for working lighting

12~16h

≥ 500 times recycle, 5 years for average

Effective distance: 130m; max. distance: 250-300m

II (electric shock absorbing)

IP65

-20°C ~+55°C

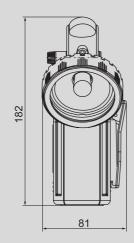
105 x 53 x 153 (L x W x H)mm

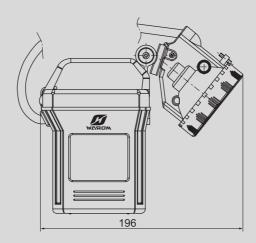
0.95kg



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Dimension drawings (all dimensions in mm)-subject to alteration





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