



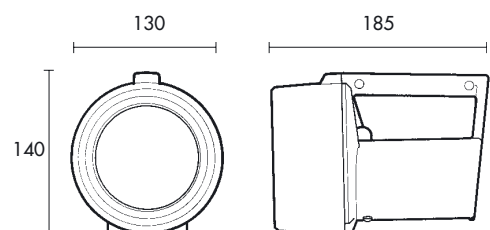
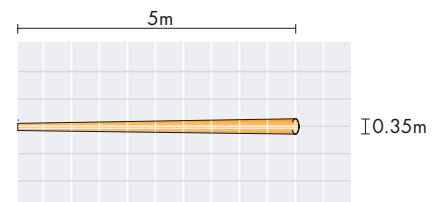
WOLFLITE HANDLAMP H-251A



- **CE marked to ATEX Directive**
- **Explosive gas, vapour and mist certified for zones 1 & 2, up to T4 temperature class**
- **Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 135°C**
- **Electronic current limited battery with power fail operation and deep discharge protection**
- **Enhanced light output from halogen bulb**
- **Robust anti-static thermoplastic lamp enclosure**
- **Ingress Protection to IP66**
- **For use with Wolf C-251HV/LV chargers**
- **Lloyd's Register Type Approved**
- **Supplied with detachable shoulder strap**



Wolfite H-251A
2.8w spot beam (approx 4°)
Peak luminous intensity at 5m 700lux



The H-251A Wolfrite is ideal for use as a general purpose safety lamp for inspection and work tasks. Rechargeable battery operation offers a convenient and cost-effective solution for Ex applications where a handlamp is frequently required for long periods.

CE marking of the H-251A Wolfrite is in compliance with the 94/9/EC 'Explosive Atmospheres' (ATEX) Directive and the EMC Directive. BASEEFA approval is to the very latest European 'EN' standards for use in potentially explosive atmospheres. The H-251A also has a Lloyd's Type Approval for use in potentially explosive atmospheres in marine applications.

The H-251A Wolfrite Handlamp offers the same extreme robustness and reliability for use in harsh environments found with all Wolfrite Handlamps. The scratch and impact resistant lens is made from 6mm toughened glass. The handlamp body and lens ring is moulded in a highly resilient thermoplastic material able to withstand the drop and impact expected from heavy industrial use, even at sub-zero temperatures. Additionally the material is anti-static, ensuring there is no risk of a dangerous build up of static charges. The lamp enclosure is sealed to IP66, preventing the ingress of dust and sealing against water in all conditions except submersion.

The outstanding light output is achieved with the use of a new high output, high efficiency long life halogen bulb, focused within a 100mm diameter parabolic reflector giving the user an extremely well defined beam of intense white light.

The battery pack, recharged internally within the H-251A

Handlamp, uses the same highly reliable sealed lead acid system as all rechargeable Wolfrite Handlamps, but is enhanced with electronic protection and controls. The battery is rendered intrinsically safe by the use of a fast switching short-circuit protection circuit. A low voltage cut-off feature automatically switches the lamp off when all useful battery capacity has been used, protecting the battery from damage through deep discharge. Power-failure mode

allows the handlamp to be used as an escape light, automatically illuminating if power to the charger is interrupted.

The H-251A is recharged in the standard Wolfrite Lamp chargers, the C-251HV mains charger and the C-251LV vehicle charger.

The H-251A is supplied with a convenient removable shoulder strap.

| Wolf Safety Handlamp Technical Specification | | |
|---|---|--|
| Product reference | H-251A | |
| Product description | Rechargeable safety handlamp | |
| Code | II 2 GD EEx e ib IIC T4 IP66 T135°C | |
| Equipment category | 2 GD | |
| Apparatus standards | EN50014, EN50019, EN50020, EN50281-1-1 | |
| Type of protection | "e" increased safety, "ib" intrinsic safety | |
| Area of classification (Gases) | Zones 1 and 2, Gas Groups IIA, IIB and IIC | |
| Temp. classification (Gases) | T4 | |
| Area of classification (Dusts) | Zones 21 and 22 | |
| Max. surface temperature (Dusts) | 135°C | |
| Ambient temperature | -20°C to +40°C | |
| Certificate | BAS 00 ATEX 2176 | |
| Enclosure | Thermoplastic, anti-static | |
| Lens | Toughened glass (6mm) | |
| Beam type | Spot | |
| Light source: | Pt. no. | H-69 |
| | Type | Halogen filled filament bulb |
| | Volts | 3.75V |
| | Watts | 2.8W |
| | Output | 39 lm (at 3.75V) |
| | Life | 100 hrs |
| Power source: | Pt. no. | H-66 |
| | Type | Rechargeable battery, sealed lead acid |
| | Volts | 4V |
| | Capacity | 5Ah |
| | Life | Up to 500 recharge cycles |
| Light duration | Up to 7 hours | |
| Ingress protection | IP66 to EN60529 : 1992 | |
| Weight (incl. cells) | 1.75kg | |
| Compatible charger | C-251 HV or C-251 LV | |

Note: All information has been gathered under laboratory conditions, the user must regard the values given as approximate. The Company reserves the right to alter product specifications without prior notice.

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MMD/N/.8.02/2K

