



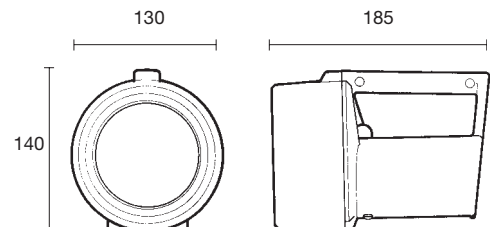
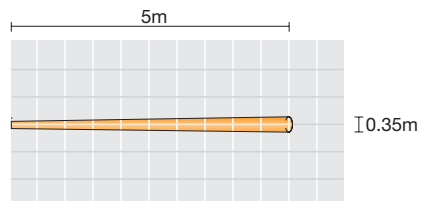
WOLFLITE HANDLAMP H-251A

ATEX Directive
94/19/EC
Compliant



- 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 and certified to IECEx Scheme
- Supplied with detachable shoulder strap

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



IECEx

The H-251A WolfLite is ideal for use as a general purpose safety lamp for inspection and work tasks in explosive atmospheres. 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 WolfLite is in compliance with the 94/9/EC 'Explosive Atmospheres' (ATEX) Directive and the EMC Directive. The H-251A is also certified to the IECEx Scheme and has both a Lloyd's and an MCA Type Approval for use in potentially explosive atmospheres in marine applications.

The H-251A WolfLite Handlamp offers the same extreme robustness and reliability for use in harsh environments found with all WolfLite 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 electrostatic non-hazardous, 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 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 WolfLite 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 WolfLite 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	
<i>Technical Specification</i>	
Product reference	H-251A
Product description	Rechargeable safety handlamp
Code	ATEX Ⓢ II 2 GD EEx e ib IIC T4 IP66 T135°C IECEx Ex e ib I/IIC T4 IP65
Apparatus standards	EN50014, EN60079-7 (+EN50019), EN50020, EN50281-1-1, IEC60079-0, IEC60079-7, IEC60079-11
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 temp. (Dusts)	135°C
Ambient temperature	-20°C to +40°C
Certificate	BAS00ATEX2176, IECEx TSA 05.0017X
Enclosure	Impact resistant thermoplastic, electrostatic non-hazardous
Lens	Toughened glass (6mm)
Beam type	Spot
Light source:	H-69
	Pt. no.
	Type
	Volts
	Watts
	Output
	Life
Power source:	H-66
	Pt. no.
	Type
	Volts
	Capacity
	Life
Light duration	Up to 7 hours
Ingress protection	IP66 to EN60529/IP65 to IEC60529
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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