



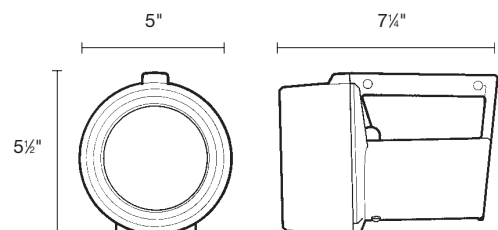
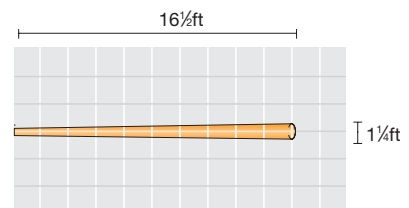
WOLFLITE LANTERN H-251A

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 275°F
- 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

WolfLite H-251A
2.8w spot beam (approx 4°)
Peak luminous intensity at 16½ft 700lux



The H-251A Wolfliite 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 lantern is frequently required for long periods.

CE marking of the H-251A Wolfliite 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 both a Lloyd's and an MCA Type Approval for use in potentially explosive atmospheres in marine applications.

The H-251A Wolfliite Lantern offers the same extreme robustness and reliability for use in harsh environments found with all Wolfliite Lanterns. The scratch and impact resistant lens is made from 1/4" toughened glass. The lantern 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 4" diameter parabolic reflector giving the user an extremely well defined beam of intense white light.

The battery pack, recharged internally within the H-251A Lantern, uses the same highly reliable sealed lead acid system as all rechargeable Wolfliite Lanterns, 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 lantern to be used as an escape light, automatically illuminating if power to the charger is interrupted.

The H-251A is recharged in the standard Wolfliite 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 Lantern <i>Technical Specification</i>		
Product reference	H-251A	
Product description	Rechargeable safety lantern	
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 temp. (Dusts)	275°F	
Ambient temperature	-4°F to +104°F	
Certificate	BAS00ATEX2176	
Enclosure	Impact resistant thermoplastic, electrostatic non-hazardous	
Lens	Toughened glass (1/4")	
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)	4lbs	
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.

SAFETY LAMP OF HOUSTON, INC.

1816 Rotary Drive, Humble, Texas 77338. U.S.A.

Telephone: +1 281 964 1019 Facsimile: +1 281 964 1040

Email: safetylampofhouston@prodigy.net Website: www.safetylampofhouston.com

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