



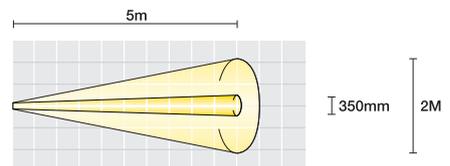
WOLFLITE RECHARGEABLE HANDLAMP

New LED Version

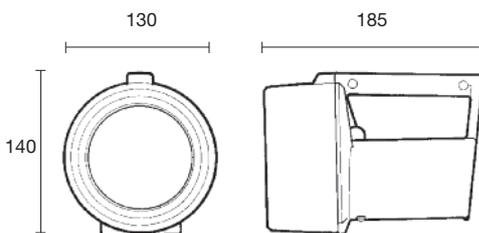
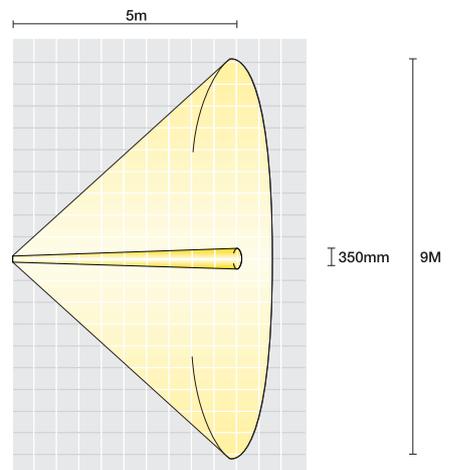


- CE marked to ATEX Directive
- Explosive gas, vapour and mist certified for zones 1 & 2, up to T4 temperature class
- Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 135°C
- Increased light output and battery duration with LED option
- Fitted for life LED retro fit option
- Electronic current limited battery with power fail operation and deep discharge protection
- Robust anti-static thermoplastic lamp enclosure
- IP66

Wolfite H-251A Halogen output
39 lumen spot beam (approx 4°)
with fringe light



Wolfite H-251ALED LED output
60 lumen LED beam (approx 4°)
with wide angle fringe light



IECEX

ATEX
94/9/EC Directive
Compliant

The Wolfrite ATEX Rechargeable Handlamp 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 Wolfrite 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 a Lloyd's and an MCA Type Approval for use in potentially explosive atmospheres in marine applications.

The 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 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 an LED light source in the H-251ALED giving approximately 50% more light and a three fold increase in duration over the high efficiency halogen bulb fitted as standard with the H-251A. Both are focused within a 100mm diameter parabolic reflector giving the user an extremely well defined beam of intense white light.

The H-79 LED Centre Contact can be retro-fitted to existing H-251A handlamps.

The battery pack, recharged internally within the Wolfrite Rechargeable 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 Wolfrite Rechargeable Handlamp is recharged in the standard Wolfrite Lamp chargers, the C-251HV mains charger and the C-251LV vehicle charger.

The handlamp is supplied with a convenient removable shoulder strap.

Wolf Safety Handlamp Technical Specification			
Product reference		H-251A	H-251ALED
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	
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		Thermoplastic, anti-static	
Lens		Toughened glass (6mm)	
Beam type		Spot	Spot with fringe light
Light source:	Pt. no.	H-69	H-79
	Type	Halogen filled filament bulb	High power LED
	Volts	3.75V	3.75V
	Watts	2.8W	1W
	Output	39 lm (at 3.75V)	60 lm (Peak)
	Life	100 hrs	25,000 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	Up to 24 hours
Ingress protection		IP66 to EN60529/IP65 to IEC60529	
Weight (incl. cells)		1.75kg	
Compatible charger		C-251HV or C-251LV	

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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Wolf Safety Lamp Company