



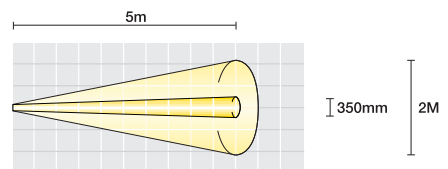
# WOLFLITE RECHARGEABLE HANDLAMP

New LED Version

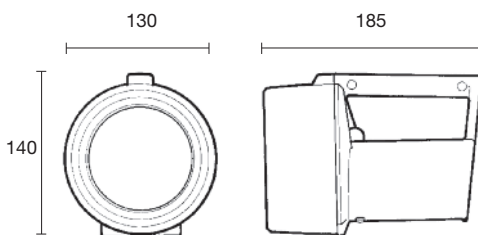
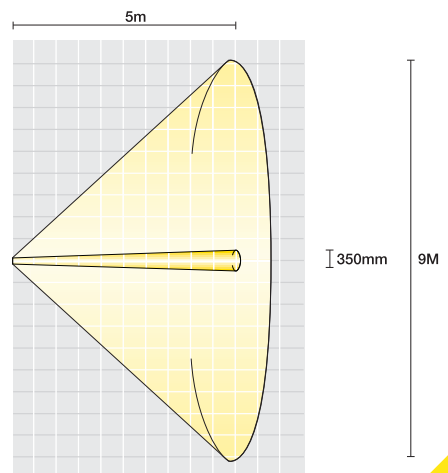


- ATEX and IECEx certified for zones 1 & 2 explosive gas, vapour and mist atmospheres, up to T4 temperature class
- Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 135°C
- Increased light output and battery duration with LED option
- Fitted for life LED retro fit option
- Electronic current limited battery with power fail operation and deep discharge protection
- Robust anti-static thermoplastic lamp enclosure
- Ingress protection to IP66
- For use with C-251HV/LV chargers

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



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



IECEx

ATEX 94/9/EC Directive Compliant

The Wolfite 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 Wolfite 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 Wolfite Handlamp offers the same extreme robustness and reliability for use in harsh environments found with all Wolfite 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 Wolfite Rechargeable Handlamp, uses the same highly reliable sealed lead acid system as all rechargeable Wolfite 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 Wolfite Rechargeable Handlamp is recharged in the standard Wolfite Lamp chargers, the C-251HV mains charger and the C-251LV vehicle charger.

The handlamp is supplied with a convenient removable shoulder strap.

<b>Wolf Safety Handlamp</b>		
<b>Technical Specification</b>		
<b>Product reference</b>		<b>H-251A</b>
<b>Product description</b>		<b>H-251ALED</b>
<b>Code</b>		Rechargeable safety handlamp
ATEX	IECEX	Ex II 2 GD Ex e ib IIC T4 Ex tD A21 IP66 T135°C
<b>Type of protection</b>		Ex e ib I/IIC T4 IP65
<b>Area of classification (Gases)</b>		"e" increased safety, "ib" intrinsic safety
<b>Temp. classification (Gases)</b>		Zones 1 and 2, Gas Groups IIA, IIB and IIC
<b>Area of classification (Dusts)</b>		T4
<b>Max. surface temp. (Dusts)</b>		Zones 21 and 22
<b>Ambient temperature</b>		135°C
<b>Certificate</b>		-20°C to +40°C
<b>Enclosure</b>		BAS00ATEX2176, IECEx TSA 05.0017X
<b>Lens</b>		BAS00ATEX2176
<b>Beam type</b>		Thermoplastic, anti-static
<b>Light source:</b>		Toughened glass (6mm)
Pt. no.		Spot
Type		Spot with fringe light
Volts		<b>H-69</b>
Watts		<b>H-79</b>
Output		Halogen filled filament bulb
Life		High power LED
<b>Power source:</b>		3.75V
Pt. no.		2.8W
Type		1W
Volts		39 lm (at 3.75V)
Capacity		60 lm (Peak)
Life		100 hrs
<b>Light duration</b>		25,000 hrs
<b>Ingress protection</b>		<b>H-66</b>
<b>Weight (incl. cells)</b>		Rechargeable battery, sealed lead acid
<b>Compatible charger</b>		4V
		5Ah
		Up to 500 recharge cycles
		Up to 7 hours
		IP66/IP65
		1.75kg
		<b>C-251HV or C-251LV</b>

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.

**WOLF SAFETY LAMP COMPANY**  
 Saxon Road Works, Sheffield S8 0YA, England  
 Tel: +44 114 255 1051 Fax: +44 114 255 7988  
 E-mail: info@wolf-safety.co.uk Website: www.wolf-safety.co.uk

