



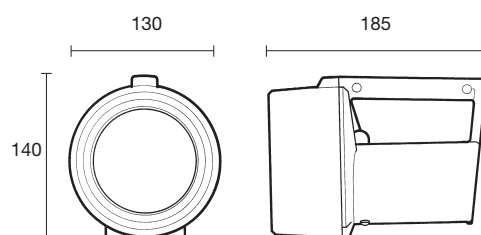
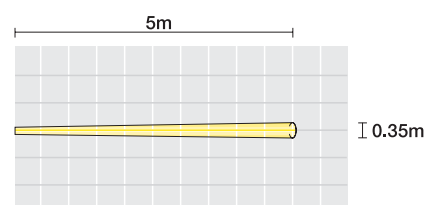
# WOLFLITE HANDLAMP H-251 Mk2



- Market Leading Rechargeable Handlamp
- Long-life, high output Krypton Bulb
- Design Council Awarded
- Sealed Lead Acid Reliability
- User and Maintenance Friendly
- Reliable Efficient Chargers
- Lloyd's Register Type Approved



**WolfLite H-251**  
3.6w spot beam (approx 3°)  
Peak luminous intensity at 5m **900lux**



The Wolfrite H-251 is a rechargeable Handlamp approved to European and BASEEFA standards and suitable for use in hazardous zones 1 and 2. Since its launch in 1980 the Wolfrite has found a place as the market leader in hazardous area portable lighting equipment. Applications include the Petrochemical and Offshore industries, Fire-fighting, Gas and Water distribution, in short wherever a potentially explosive atmosphere may occur.

The Wolfrite is constructed in a highly durable polymer, designed to withstand the effects of heavy industrial use. The glass lens is scratch and scuff resistant and will not discolour when in contact with chemicals. The entire product has been 'drop' tested for damage and both the outer and inner components proved equally highly resilient.

Many unique design features are incorporated in the H-251 Handlamp, including; an interlock mechanism preventing internal access when the lamp is in use, short circuit protection via a ceramic fuse and a magnetically operated, hermetically sealed Reed Switch to avoid open internal sparking.

The rechargeable battery pack is made up of two sealed lead acid cells assembled into a robust casing. This battery pack has a recharge/discharge life of approximately 500 cycles. The H-251 Mk2 has charging

contacts on the base of the lamp to enable battery charging 'in situ' using the lamp charger. The H-251 Mk2 Lamp chargers are available for mains (120/230v) input or low voltage (12-32v) input for use in vehicles. All chargers have Light Emitting Diodes which indicate state of charge, a rating plate on the charger explains the sequence of this.

The Wolfrite H-251 Handlamps conform with the DOT Class I 'Safety Lamp' specification,

Regulation 17 of the SOLAS protocol and have been issued with a Lloyds Register of Shipping Type Approval Certificate.

The Wolfrite H-251 is supplied complete with battery pack, lock key and shoulder lanyard, together with maintenance instructions giving comprehensive details of spares available and guidance for installation.

<b>Wolfrite H-251 Safety Handlamps</b>		
<b>Technical Specification</b>		
<b>Product reference</b>	<b>H-251 Mk2</b>	
<b>Product description</b>	Rechargeable safety handlamp, battery charged internally	
<b>Code</b>	EEx e s II T3	
<b>Apparatus standard</b>	EN50 014, EN50 019, SFA 3009:1972	
<b>Type of protection</b>	"e" increased safety, "s" special protection	
<b>Area of classification</b>	Zones 1 and 2, gas groups IIA, IIB and IIC	
<b>Temp. classification</b>	T3	
<b>Ambient temperature</b>	-20°C to +40°C	
<b>Certification</b>	BASEEFA Certificate No. Ex 81142	
<b>Enclosure</b>	Polypropylene	
<b>Lens</b>	Toughened glass (6mm)	
<b>Beam type</b>	Spot	
<b>Light source:</b>	Pt. no.	<b>H-26</b>
	Type	Krypton filled filament bulb
	Volts	3.6v
	Watts	3.6w
	Output	80 lm (at 4.1v)
	Life	100hrs
<b>Power source:</b>	Pt. no.	<b>H-16E</b>
	Type	Rechargeable battery, sealed lead acid
	Volts	4v
	Capacity	5Ah
	Life	up to 500 recharge cycles
<b>Light duration</b>	4-5 hours	
<b>Ingress protection</b>	IP 54	
<b>Weight</b>	1.5kg	
<b>Compatible charger</b>	<b>C-251 HV or C-251 LV</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](mailto:info@wolf-safety.co.uk) Website: [www.wolf-safety.co.uk](http://www.wolf-safety.co.uk)**

SL031 issue 01



**Wolf Safety Lamp Company**