



# WOLFLITE LANTERN H-251 Mk2UL/Mk3UL

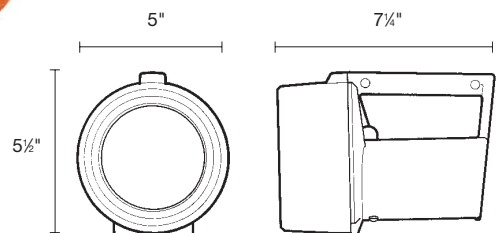
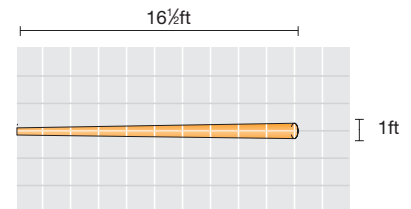
UL certified  
Class 1 Division 1



- Market Leading Rechargeable Lantern
- 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
- UL certification



**WolfLite H-251**  
3.6w spot beam (approx 3°)  
Peak luminous intensity at 16½ft **900lux**



The Wolfrite H-251 is a rechargeable Lantern approved to European, USA, 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 Lantern, 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.

Available in two versions, the H-251 Mk3UL has a removable battery pack and remote battery charging unit so that, if the user has two or

more battery packs, the lamp can always be available for use. The H-251 Mk2UL has charging contacts on the base of the lamp to enable battery charging 'in situ' using the lamp charger. The H-251 Mk2UL 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 Lanterns 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 Lanterns</b>			
<b>Technical Specification</b>			
<b>Product reference</b>	<b>H-251 Mk2UL</b>	<b>H-251 Mk3UL</b>	
<b>Product description</b>	Rechargeable safety lantern, battery charged internally	Rechargeable safety lantern, battery charged externally	
<b>Code</b>	EEx e s II T3		
<b>UL certification</b>	Class 1 Division 1 Gas Groups C & D		
<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>	-4°F to +104°F		
<b>Certification</b>	BASEEFA Certificate No. Ex 81142		
<b>Enclosure</b>	High impact polymer		
<b>Lens</b>	Toughened glass (½")		
<b>Beam type</b>	Spot		
<b>Light source:</b>	<b>Pt. no.</b>	<b>H-26</b>	
	<b>Type</b>	Krypton filled filament bulb	
	<b>Volts</b>	3.6v	
	<b>Watts</b>	3.6w	
	<b>Output</b>	80 lm (at 4.1v)	
	<b>Life</b>	100hrs	
<b>Power source:</b>	<b>Pt. no.</b>	<b>H-16E</b>	<b>H-16A</b>
	<b>Type</b>	Rechargeable battery, sealed lead acid	
	<b>Volts</b>	4v	
	<b>Capacity</b>	5Ah	
	<b>Life</b>	up to 500 recharge cycles	
<b>Light duration</b>	4-5 hours		
<b>Ingress protection</b>	IP 54	IP 66	
<b>Weight</b>	3½lb		
<b>Compatible charger</b>	<b>C-251 HV or C-251 LV</b>	<b>C-251</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.

## **SAFETY LAMP OF HOUSTON, INC.**

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MMD/N/12.03/2K

