



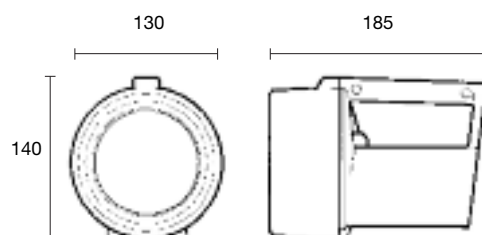
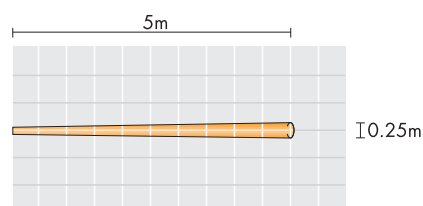
# **WOLFLITE** HANDLAMP H-4DC



- BASEEFA approved for explosive atmospheres
- Primary Cell Handlamp Market Leader
- Tough Robust and Compact Design
- Impact Resistant Toughened Glass Disc
- Mechanical Interlock with Sealed Switch System
- Water Resistant and Pre-loaded Construction
- High Intensity Krypton Bulb



**Wolfite H-4DC**  
2.4w spot beam (approx 3°)  
Peak luminous intensity at 5m **800lux**



The Wolflite H-4DC is a primary cell powered, BASEEFA approved safety handlamp, suitable for use in the presence of a wide range of potentially explosive gases and vapours.

The lamp body is constructed from a high impact thermoplastic, which is durable, robust and able to withstand the effects of heavy industrial use. The lens is a 6mm thick, toughened, scratch and scuff resistant glass disc. This has a rubber seal fitted around which, together with a second seal fitted around the joint between the lens ring and the lamp body, ensures that the lamp is reliable and safe for use in the wettest possible conditions.

The outstanding light output from this relatively small and compact handlamp is achieved with the use of a high efficiency Krypton bulb, rated at 4.75V 0.5A, and a 100mm diameter deep parabolic reflector.

The switching mechanism works in the same way as other Wolflite handlamps; a housed magnet on the outside of the lamp operates an hermetically sealed reed switch inside the lamp. This unique feature has the safety benefit of preventing internal sparking.

The internal parts of the lamp are precisely designed for light compression fit, to avoid any internal movement in the event of the lamp being dropped.

Certification is for zones 1 and 2 hazardous areas. A condition of the certification is the use of zinc carbon or zinc chloride cells.

This is to ensure that the 'intrinsic safety' of the product is maintained and that no potential hazard is created by misuse.

This would be if alkaline manganese primary cells or any type of rechargeable cell were to be used.

The H-4DC is a highly successful fully portable handlamp, well established in the field of safety and protection, where a less expensive but nevertheless reliable and effective Safety Lamp is required.

**Alkaline Manganese Cell of any description are prohibited because they are deemed to be non-compliant with Intrinsic Safety when used in this product.**

Wolflite H-4DC Safety Handlamp Technical Specification		
<b>Product reference</b>		<b>H-4DC</b>
<b>Product description</b>		Safety handlamp, primary cell powered
<b>Code</b>		EEx e ib IIB T4
<b>Apparatus standard</b>		EN50 014, EN50 019, EN50 020
<b>Type of protection</b>		"e" increased safety, "ib" intrinsic safety
<b>Area of classification</b>		Zones 1 and 2, gas groups IIA and IIB
<b>Temp. classification</b>		T4
<b>Ambient temperature</b>		-20°C to +50°C
<b>Certificate</b>		BASEEFA Certificate No. Ex. 843292
<b>Enclosure</b>		Impact resistant thermoplastic
<b>Lens</b>		Toughened glass (6mm)
<b>Beam type</b>		Spot
<b>Light source:</b>	Pt. no.	<b>H-26K</b>
	Type	Krypton filled filament bulb
	Volts	4.75v
	Watts	2.4w
	Output	50lm (at 6v)
	Life	20 hours
<b>Power source:</b>	Pt. no.	<b>4 x T-20</b>
	Type	R20 primary cells to IEC60086
<b>Light duration</b>		Up to 6 hours
<b>Ingress protection</b>		IP66
<b>Weight (incl. cells)</b>		1.2Kg

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)

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