



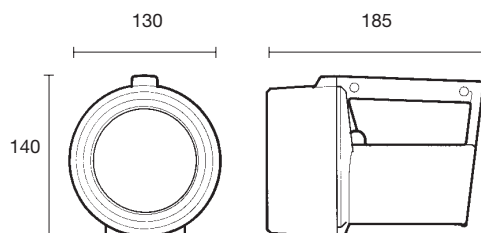
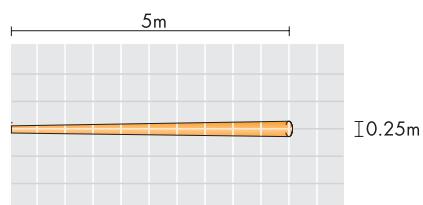
WOLFLITE HANDLAMP H-4DC



- 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



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



The Wolfite 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 Wolfite 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.

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

SAFETY LAMP OF HOUSTON, INC.

1816 Rotary Dr. Humble, TX 77338
Tel: +1 281 964 1019 Fax: +1 281 964 1040

Email: safetylampofhouston@prodigy.net Website: www.safetylampofhouston.com

SL012 issue 01

MMD/7/6.06/??K



Wolf Safety Lamp Company