



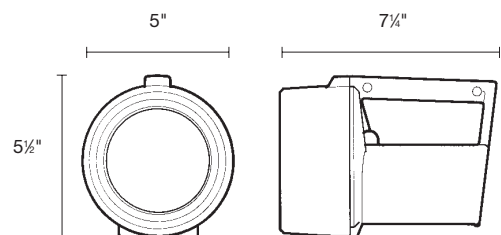
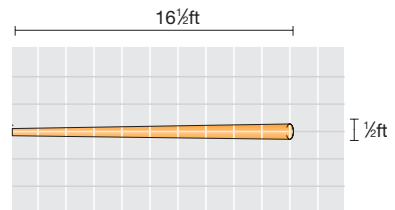
WOLFLITE LANTERN H-4DCA

ATEX Directive
94/19/EC
Compliant



- CE marked to ATEX Directive
- Explosive gas, vapour and mist certified for zones 1 & 2, up to T4 temperature class
- Dust ignition protected for zones 21 and 22, for dusts with ignition temperatures over 275°F
- Increased light output from halogen bulb
- Alkaline cell approval giving 20 hour duration
- Robust anti-static thermoplastic lamp enclosure
- Ingress protection to IP66
- Lloyd's Register Type Approved
- Supplied with detachable shoulder strap

WolfLite H-4DCA
2.4w spot beam (approx 3.5°)
Peak luminous intensity at 16½ft 960lux



The Wolfite H-4DCA primary cell powered safety lantern is one of the latest versions of the highly successful, industry standard range of Wolfite Ex lanterns, from The Wolf Safety Lamp Company.

Approved by BASEEFA, the Wolfite H-4DCA has been 'CE' marked in compliance with the 94/9/EC 'Explosive Atmospheres' (ATEX) Directive, for use in a wide range of potentially explosive gases, vapours, mists and dusts. Conformance to the ATEX directive will reassure the user that the H-4DCA lantern has been designed and approved to the very latest editions and interpretations of the relevant European standards, that it complies with all 'essential safety requirements', and has been designed with due regard to state-of-the-art technology. ATEX Directive Approval also ensures continuity of supply beyond the year 2003.

Additionally the H-4DCA lantern has both a Lloyd's and an MCA type approval for use in explosive atmospheres in marine applications.

The lamp is constructed from a new, exceptionally robust and highly durable thermoplastic material, well able to withstand the effects of heavy industrial use. In addition to this, the material is anti-static, preventing the build up of potentially dangerous electrostatic charges. A 1/2" thick, toughened, scratch resistant glass lens with rubber seal, together with a second seal fitted at the lens ring

and lamp body joint, ensure that the lamp is protected from ingress of dusts and liquids and can therefore be used in the dustiest and wettest conditions possible.

The outstanding light output from this relatively small and compact lantern is achieved with the use of a high output, high efficiency halogen bulb, rated at 4.8V 0.5A, focused within a 4" diameter parabolic reflector. This provides the user with an extremely well defined beam of intense white colour.

The H-4DCA lantern has been approved for use with alkaline or zinc primary cells. The use of alkaline cells is recommended because of their significantly greater capacity, delivering a brighter white light for up to 20 hours duration from one set of cells; by comparison, nearly four times the duration of zinc D cells. The H-4DCA is supplied complete with a convenient removable shoulder strap.

Wolf Safety Lantern <i>Technical Specification</i>		
Product reference	H-4DCA	
Product description	Safety lantern, primary cell powered	
Code	Ⓔ II 2 GD EEx e ib IIC T4 IP66 T135°C	
Equipment category	2 GD	
Apparatus standards	EN50014, EN50019, EN50020, EN50281-1-1	
Type of protection	"e" increased safety, "ib" intrinsic safety	
Area of classification (gases)	Zones 1 and 2, Gas Groups IIA, IIB and IIC	
Temp. classification (gases)	T4	
Area of classification (dusts)	Zones 21 and 22	
Max. surface temp. (dusts)	275°F	
Ambient temperature	-4°F to +104°F	
Certificate	BAS00ATEX2203	
Enclosure	Impact resistant thermoplastic, electrostatic non-hazardous	
Lens	Toughened glass (1/2")	
Beam type	Spot	
Light source:	Pt. no.	H-141 only
	Type	Halogen filled filament bulb
	Volts	4.8V
	Watts (Amps)	2.4W (0.5A)
	Output	37 lm (at nominal voltage)
	Life	20 hrs (at nominal voltage)
Power source:	Pt. no.	4 x H-20 (LR20)
	Type	Alkaline or zinc "D" cells
	Volts	4 x 1.5V
Light duration	Up to 20 hours	
Ingress protection	IP66 to EN60529 : 1992	
Weight (incl. cells)	3 1/4lb	

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.

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MMD/N/4.03/4.5K

