



# WOLF HT-400 ATEX LED HEADTORCH

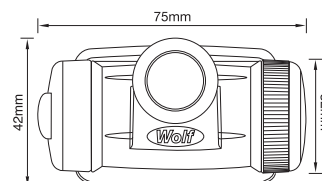
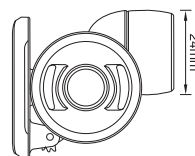
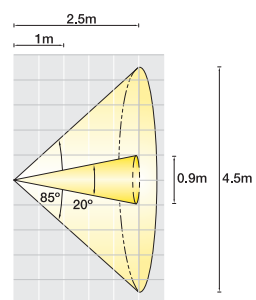


- ATEX Directive Compliant
- IECEx Scheme Certified
- T4 temperature class
- High power LED light source
- Ultra small size
- Lightweight, ergonomic design
- Single handed switching
- Hands free operation
- IP66 water and dust tight
- Adjustable, removable headband
- Supplied with helmet clips
- Tilt adjustment for light direction



High Power LED spot beam (approx 20°)  
Peak luminous intensity at 1m **381 lux**, at 2.5m **52 lux**

Extra wide angle fringe beam (approx 85°)  
Peak luminous intensity at 1m **25 lux**, at 2.5m **6 lux**



**IECEx**

The Wolf ATEX LED Headtorch HT-400 is a primary cell powered head lamp with a high power LED light source. It is ATEX approved for safe use in Zones 1 & 2 Hazardous Areas and is ideal for applications where hands free lighting is essential, particularly where access is difficult, requiring climbing or crawling.

The HT-400 Headtorch has been Certified by Baseefa for use in explosive atmospheres. It is CE marked in compliance with the 94/9/EC (ATEX Equipment) Directive, for use in hazardous area activities within the EU. In addition it is IECEx Scheme certified for use in other countries throughout the world. The approval code allows the Headtorch to be used in Zones 1 & 2 Hazardous Areas, in all group II (industrial) gas apparatus groups,

for potentially explosive gases, vapours and mists up to T4 temperature class, and group I M2 mining applications.

The Wolf ATEX LED Headtorch is an ultra small, lightweight headtorch weighing only 90 grams including batteries. It is constructed from a robust, highly durable, high impact thermoplastic material which is chemical resistant and electrostatic non hazardous, and is fitted with a shatterproof polycarbonate lens. The headtorch has a tilt adjustment mechanism to allow the user to angle the light and utilises bespoke optics for an extra wide angle beam suitable for close up hands free inspection and maintenance tasks.

The Wolf ATEX LED Headtorch has a 'fitted for life', high power LED with an output of up to 50 lumens,

giving up to 4 hours duration at full brightness and a total of up to 25 hours total light duration from one set of three AAA alkaline primary cells. The use of primary cells makes the product a more economical solution for personal lighting requirements in many applications arising in Hazardous Area confined spaces. The ATEX LED Headtorch has been designed for single handed switching and is water and dust tight to IP66.

The HT-400 is supplied fitted with an adjustable removable fabric head band allowing the headtorch to be comfortably worn directly on the head for extended periods. A set of 4 helmet clips is supplied to allow the HT-400 headtorch to be securely attached to a hardhat or safety helmet.

<b>Wolf HT-400 Headtorch</b> <i>Technical Specification</i>		
<b>Product Description</b>		ATEX LED Headtorch
<b>Code</b>	<b>Industrial</b>	Ⓔ II 2 G Ex ib IIC T4 Gb IP66
	<b>Mining</b>	Ⓔ I M2 Ex ib I Mb IP66
<b>Type of protection</b>		'ib' Intrinsic Safety
<b>Area of classification (gas)</b>		Zones 1 & 2, Gas Groups IIA, IIB, IIC
<b>Max surface temp (gas)</b>		T4
<b>Ambient temperature (gas)</b>		-20°C to +40°C
<b>Certificate</b>		Baseefa10ATEX0067, IECEx BAS 10.0023
<b>Enclosure</b>		High impact thermoplastic, chemical resistant, electrostatic non-hazardous
<b>Lens</b>		Shatterproof polycarbonate
<b>Beam type</b>		Broad spot with wide angle fringe of light
<b>Light Source</b>	Type	High Power LED
	Output	Up to 50 lm
	Life	25,000 hrs plus (fitted for life)
<b>Power Source</b>	Pt. no.	3 x <b>LT-401</b> (LR03 Cells)
	Cell Type	LR03 primary cells to IEC60086, Alkaline AAA cells
	Volts	3 x 1.5v
<b>Light duration</b>		Up to 4 hours at full brightness, up to 25 hrs total light duration
<b>Ingress protection</b>		IP66 to EN60529:1992
<b>Weight (incl cells)</b>		0.090Kg

These specifications are subject to change without notice.

All information has been gathered under laboratory conditions, the user must regard the values given as approximate

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