WOLF 4AA MIDI TORCH



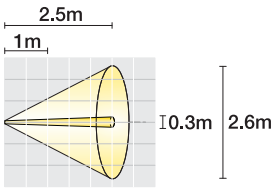
- ATEX Approved and IECEx Certified for use in Zone 1 hazardous areas
- 120 lumen high output LED light source
- T3/T4 temperature class
- IIB Gas Group
- Midi compact size
- Compact & robust ergonomic design
- Single handed switch with switch protection shroud
- IP67 water and dust tight
- Group I M2 Mining approval

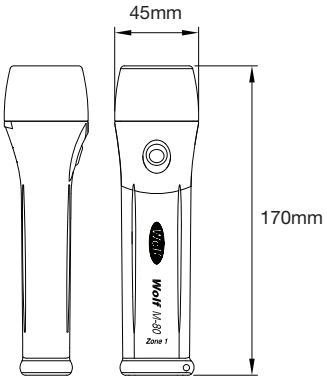


M-80

120 lumens beam
LED spot beam (approx 7°), with a wide angle fringe beam (approx 55°)

Peak luminous intensity at 1m, **6500 lux**
Peak luminous intensity at 2.5m, **1233 lux**





1180 IECEx

The high-output ATEX approved Wolf M-80 4AA Midi LED Safety Torch is a compact pocket torch using a high power LED light source, ATEX approved for safe use in potentially explosive atmospheres, delivering excellent illumination, robustness and reliability in the most extreme conditions.

The M-80 Midi Torch complies with the 94/9/EC ATEX 'Equipment' Directive and is certified to the IECEx Certification Scheme for use in Zone 1 and 2 potentially explosive gas, vapour and mist atmospheres. The Midi Torch is rated with a -20°C to +40°C temperature ambient where a IIB gas group and T3 or T4 temperature class permits. Additionally, this Torch is approved for use in Group I M2 mining applications.

The Wolf 4AA Midi Torch consists of a smooth, easy grip, ergonomic enclosure with a high output LED light source giving up to 120 lumens of light output and bespoke optics designed to deliver a narrow high intensity beam and, at the same time, a lower output wide angle fringe light, ideal for inspection and maintenance work in conditions of darkness or reduced visibility.

The single handed push button switch operation incorporates a rubberised switch cover with raised surface for easy switching even with gloved hands, whilst being shrouded to avoid inadvertent operation. The strong and durable high strength torch body enclosure is manufactured from carefully selected thermoplastic resins with excellent chemical resistant properties, and has proven impact resistance even at sub zero temperatures.

The rubber armoured lens ring gives enhanced grip and shock protection with a high strength, shatterproof, polycarbonate lens providing excellent resistance to impact damage. The 4AA Midi Torch is sealed dust tight and protected from water immersion with an IP67 rated enclosure.

The straight body configuration incorporates an anti-roll foot allowing the torch to be placed securely on its base or end without the risk of rolling away.

The M-80 4AA Safety Torch has a battery duration of up to 7 hours, after which it is recommended that the user replace the cells to avoid the risk of battery leakage. The high power LED light source is 'fitted for life' and expected to last the product lifetime.

The 4AA Midi Safety Torch's internal construction incorporates a one piece assembly with LED, circuit, switch and battery cassette, arranged to allow for easy replacement of the 4AA alkaline primary cells. Details of the specific approved AA cells for use in T4 gas atmospheres can be found in the instruction manual; all other AA alkaline primary cell types allowable for use in maximum T3 rated zone 1 areas. All models are supplied with a wrist strap and T4 approved cells.

Wolf 4AA Midi Torch
Technical Specification

Model		**M-80**
Description		ATEX Midi Safety Torch with LED, Primary Cell Powered
Code	**Industrial**	Ⓔx II 2 G Ex ib IIB T3/T4 Gb IP67
	Mining	I M2 Ex ib I Mb IP67
Type of protection		'ib' Intrinsic Safety
Area of classification (gas)		Zones 1 & 2, Gas Groups IIA, IIB
Temperature classification (gas)		T3/T4
Ambient temperature (gas)		-20°C to +40°C
Certificate		Baseefa11ATEX0236 IECEx BAS 11.0116
Enclosure		Impact resistant thermoplastic, electrostatic non-hazardous
Lens		Polycarbonate, impact resistant
Beam type		Narrow spot with wide angle fringe light
Light source	**Type**	High power LED
	Output	Up to 120 lm
	Life	25,000+ hours (fitted for life)
Power Source	**Part No.**	**TP-295 (4 x LR6 Cells)**
	Battery type	LR6 primary cells to IEC60086, Alkaline AA
	Volts	4 x 1.5v
Light duration		Up to 7 hours
Ingress protection		IP67
Weight (incl. cells)		0.190 kg

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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