



# WOLF ATEX SAFETY TORCHES



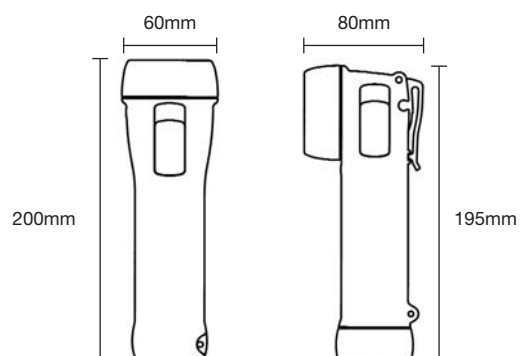
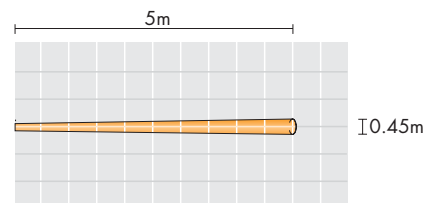
- T6 and T4 models
- Simple, robust design
- Ultimate halogen light output
- High energy alkaline cell certified
- ATEX explosive gas and dust approval
- UL Listed and IECEx Scheme certified
- Low power indicator option



**TS-26 & TR-26**  
1.2W beam (approx 5°)  
Peak luminous intensity at 5m, **170 lux**

**TS-24 & TR-24**  
1.7W beam (approx 5°)  
Peak luminous intensity at 5m, **230 lux**

**TS-24+ & TR-24+**  
2.0W beam (approx 5°)  
Peak luminous intensity at 5m, **280 lux**



The Wolf ATEX Safety Torch range offers the perfect answer for every Ex application, with reliable, simple and cost effective solutions. The range includes T4 and T6 models with straight or right-angle body style.

T4 models give outstanding light output using advanced, long life halogen or xenon bulbs, set in a high quality parabolic reflector, coupled with alkaline cell approval, giving up to 12 hours of light output. The T4 halogen models are fitted with a low power warning circuit, illuminating a red indicator when battery voltage is low. Alternatively T6 approval allows use in any Zone 1 or 2 atmospheres, with optimum light output in this temperature class, and a 5 hour duration.

The Wolf ATEX Torch range is CE marked compliant with the 94/9/EC ATEX Explosive Atmospheres Equipment Directive. BASEEFA Certification is to the latest standards, for use in potentially explosive gas, vapour and mist atmospheres, zones 1 and 2, temperature class T6 or T4. Dust ignition protection covers use in zones 21 and 22. Models are also certified to the IECEx Scheme and are UL Listed for use in Hazardous Locations.

The compact Wolf ATEX Torch design has a high-grip ergonomic form with easy single handed switching, even with gloved hands. The torch body offers high strength, and proven impact resistance even at sub zero temperatures, using

carefully selected thermoplastic resins with excellent chemical resistance. Additionally, the rubber armoured lens ring and end cap give enhanced grip and shock protection. The shatterproof polycarbonate lens has a scratch and chemical resistant coating. The Wolf ATEX Torch range is sealed dust tight and protected from water immersion, with a certified IP67 enclosure. Right angle models incorporate a replaceable high strength thermoplastic belt clip for hands free use. Both models allow straightforward battery and bulb replacement, a spare bulb is fitted in the bulbholder for quick and convenient replacement. All models are supplied with wrist straps and clip rings.

<b>Wolf ATEX Safety Torches</b>							
<b>Technical Specification</b>							
<b>Model</b>		<b>TS-26</b>	<b>TR-26</b>	<b>TS-24</b>	<b>TR-24</b>	<b>TS-24+</b>	<b>TR-24+</b>
<b>Description</b>		Safety Torch, Primary Cell Powered, Straight or Right-Angle					
		Straight T6	R/Angle T6	Straight T4	R/Angle T4	Straight T4+ with indicator	R/Angle T4+ with indicator
<b>Code</b>	<b>ATEX</b>	Ⓔ II 2 GD EEx e ib IIC T6 IP67 T65°C		Ⓔ II 2 GD EEx e ib IIC T4 (Tamb = 40/55°C) IP67 T95°C (Tamb = 55°C)			
	<b>IECEX</b>			Ex e ib I/IIC T4 IP67/Ex tD A21 T95			
	<b>UL</b>			Class I, Division 1, Groups C, D. Temp Class T3A			
<b>Apparatus standard</b>		EN50014, EN60079-7 (+EN50019), EN50020, EN50281-1-1, IEC60079-0, IEC60079-7, IEC60079-11, IEC61241-0, IEC61241-1					
<b>Type of protection</b>		Increased safety, intrinsic safety					
<b>Area of classification (gas)</b>		Zones 1 & 2 Gas Groups IIA, IIB, IIC					
<b>Temperature class (gas)</b>		T6		T4			
<b>Ambient temperature (gas)</b>		-20°C to +40°C		-20°C to +40°C/+55°C			
<b>Area of classification (dust)</b>		Zones 21 and 22					
<b>Temperature class (dust)</b>		65°C		95°C			
<b>Ambient temperature (dust)</b>		-20°C to +40°C		-20°C to +55°C			
<b>Certificate</b>		BAS02ATEX2220X, IECEx TSA 05.0017X					
<b>Enclosure</b>		Impact resistant thermoplastic, electrostatic non-hazardous					
<b>Lens</b>		Polycarbonate, impact resistant with hard coat					
<b>Beam type</b>		Medium spot					
<b>Light source:</b>	<b>Pt. no.</b>	<b>TP-406</b>		<b>TP-404</b>		<b>TP-402</b>	
	<b>Type</b>	Vacuum filament bulb		Xenon filled filament bulb		Halogen filled filament bulb	
	<b>Rating</b>	2.4V, 0.5A		2.4V, 0.7A		2.4V, 0.83A	
	<b>Output</b>	11.4 lm (at nom voltage)		15 lm (at nom voltage)		23 lm (at nom voltage)	
	<b>Life</b>	15 hrs		50 hrs		30 hrs	
	<b>Spare bulb</b>	<b>TP-406</b>		<b>TP-404</b>		<b>TP-404</b>	
<b>Power supply</b>	<b>Pt. no.</b>	<b>T-20</b>		<b>H-20</b>			
	<b>Type</b>	R20 primary cells to IEC60086		R20/LR20 primary cells to IEC60086			
	<b>Volts</b>	2 x 1.5v		2 x 1.5v			
<b>Light duration</b>		Up to 5 hrs		Up to 12 hrs		Up to 10 hrs	
<b>Ingress protection</b>		IP67 to EN60529: 1992					
<b>Weight (without cells)</b>		150g	190g	150g	190g	150g	190g

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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