

Wolf® A-TL44C/A-TL45C Ex-Proof Turbolite

Article Number: 08020454

IMPA Code: 33 06 37

ATEX, IECEx, and UKEX certified ATEX Turbolite is a high-powered compressed air-driven lamp designed for use in potentially explosive atmospheres. It complies with EN IEC 60079-0 and EN 60079-33 standards for 'explosion prevention and protection' in Europe, providing a safe, effective, and efficient alternative to mains and low-powered lighting solutions. To operate the lamp, clean, dry compressed air and an antistatic air hose are used.

Certification

- **Safety Certified:** ATEX, IECEx, and UKEX certified for Zones 1 and 2 Hazardous Areas.
- **CE Marked:** Compliant with ATEX Directive for safe use in hazardous zones.
- **Dust Protection:** Ignition protected for Zones 21 and 22 with remote exhaust.
- **Underwater Use:** Once pressurized, suitable for underwater applications

Technical Specifications:

- **Standard Bulb:** 6000 lumen long-life bulb; 9000 lumen high-output option available.
- **Power:** 250 watt halogen filament bulb.
- **Beam Options:** 360° bay or floodlight.
- **Construction:** Lightweight aluminum (non-sparking grade), nickel-plated for corrosion resistance.
- **Portability:** Compact design for easy handling and transport.
- **Compressed Air Operation:** Ideal for hazardous environments lacking electrical power; perfect for marine and tank cleaning where compressed air is available.
- **Reliability:** Ensuring decades of reliability.
- **Particle Trap:** Fitted with a stainless steel particle trap/exhaust silencer.
- **Accessories:** Comprehensive range available, including options for piping exhaust air into safe areas for dust applications, enabling near-silent



operation.

- **Safety Advantage:** Eliminates risks associated with trailing cables, providing a safe alternative to mains and low voltage products.

Standards



Ex-Proof (ATEX)



IECEx



CE 0598

TECHNICAL DETAILS

ATEX TURBOLITE		
PRODUCT REFERENCE		A-TL-44C
		A-TL45C
PRODUCT DESCRIPTION		Baylight and Floodlight
CODE	ATEX	II 2 G D Ex sb IIC T4 Gb Ex sb IIIC T135°C Db
APPARATUS STANDARDS		EN IEC 60079-0:2018 and EN 60079-33:2012
TYPE OF PROTECTION		Ex sb
AREA OF CLASSIFICATION (GAS)		Zones 1 and 2, Gas Groups IIA, IIB, IIC
TEMPERATURE CLASS (GAS)		T4
AREA OF CLASSIFICATION (DUST)		Zones 21 and 22
MAX. SURFACE TEMP. (DUST)		T135°C

AMBIENT TEMPERATURE		-15°C to +55°C	-20°C to +55°C
CERTIFICATE	ATEX	CML 22ATEX9542X CML 22UKEX9543X IECEX CML 22.0083X	
ENCLOSURE		Aluminium	
LENS		Ball glass and plastic protective dome	Toughened Glass (10mm)
BEAM TYPE		All-around 360° Illumination	Flood
LIGHT SOURCE	PART CODE	A-129 (6000 lumen standard bulb) A-159 (9000 lumen high output bulb) can be ordered as an alternative	
	TYPE	Halogen Filled Filament Bulb	
	VOLTS	24v	
	WATTS	250w	
	OUTPUT	6000 lm / 9000 lm	
	LIFE	2000 hrs / 200 hrs	
POWER SOURCE	TYPE	Compressed Air Driven Turbo-alternator	
	AIR PRESSURE	5.0-8.0 bar	
	CONSUMPTION	0.75m³/min	

INGRESS PROTECTION	<p>IP66 (when running)</p> <p>Once pressurised may be used underwater. When using under water, always start the lamp before submerging and ensure lamp is running until removed from water, an additional accessory must be fitted</p> <p>allow an exhaust hose to be fitted to either have the exhaust air away from the lamps or piped to the surface.</p> <p>Depth of use limitations to be considered regarding water pressure.</p>	
WEIGHT	4.4kg	5.3kg



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