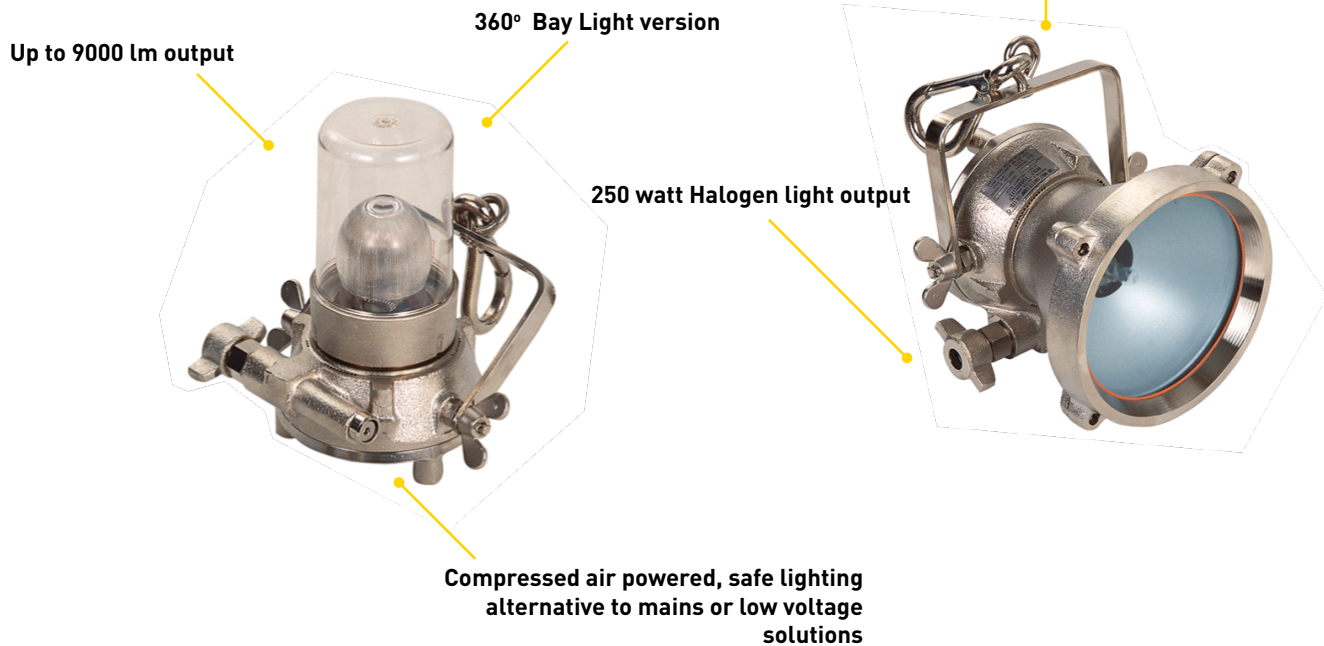


A-TL44, A-TL45 Zones **1** **2**

PRODUCT INFORMATION

The Turbolite is a high powered compressed air driven lamp developed from the well-known Wolf Airturbo. Certified for use in Zones 1 and 2 Hazardous Areas, they are commonly used in the oil and petrochemicals industries for tank cleaning and pipeline inspections, offering a safe alternative to low voltage lighting in dangerously wet conditions. The Turbolite is also ideal for use in confined spaces, where flammable gases and vapours can accumulate.



LIGHT OUTPUT/DURATION/POWER

- 6000 / 9000 lm output (based on bulb fitted)
- Supply pressure range (5.0 - 8.0 bar)
- 250 watt Halogen light output
- 360° bay or flood light beam options available

CERTIFICATION

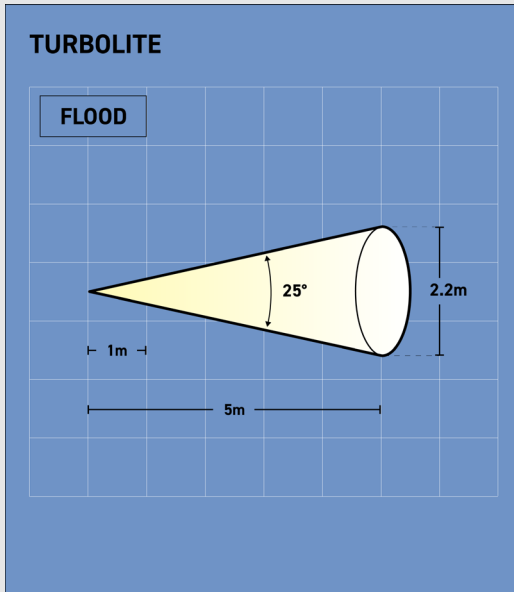
- Once pressurised may be used underwater* (view technical table for full ingress protection information)

FEATURES

- Safe compressed air power source
- Range of accessories available
- Safe alternative to mains and low power lighting solutions where there is compressed air but no suitable electrical supply

TECHNICAL INFORMATION

LIGHT OUTPUT DIAGRAM



A-TL44 - Ball Glass

Peak luminous intensity at 2.5m **70lux**

A-TL45 - Flood Matt Reflector

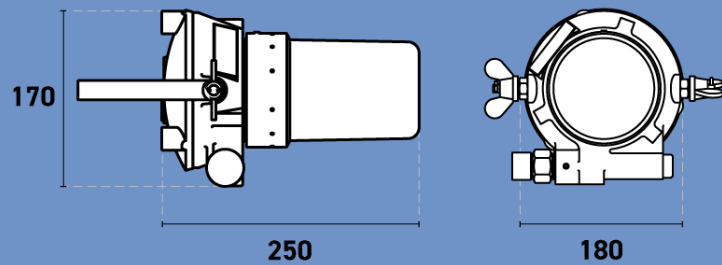
Flood Beam (approx 25°)

Peak luminous intensity at 5m **950lux**

PRODUCT DIMENSIONS

TURBOLITE BAYLIGHT

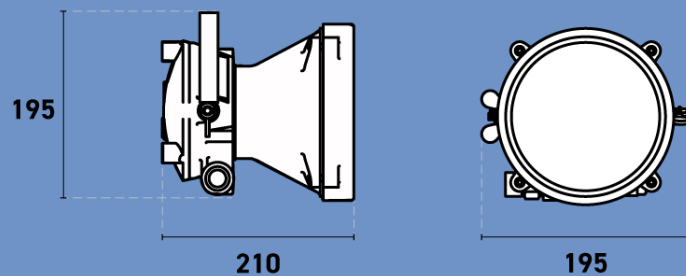
A-TL44



MEASUREMENT MM

TURBOLITE FLOODLITE

A-TL45



MEASUREMENT MM

TURBOLITE

PRODUCT REFERENCE		A-TL44	A-TL45
PRODUCT DESCRIPTION		Safety Bay Light Compressed Air Powered	Safety Flood Light Compressed Air Powered
CODE		Ex s II T4	
APPARATUS STANDARDS		SFA 3009:1972	
TYPE OF PROTECTION		"s" special protection	
AREA OF CLASSIFICATION (GAS)		Zones 1 and 2, Gas Groups IIA, IIB, IIC	
TEMPERATURE CLASS (GAS)		T4	
AMBIENT TEMPERATURE		-20°C to +40°C	
CERTIFICATE		BASEEFA Ex 78209X*	
ENCLOSURE		Nickel Plated Brass and Gun Metal	
LENS		Ball Glass/Polycarbonate Dome	Toughened Glass (15mm)
BEAM TYPE		All-around 360°C Illumination	Flood
LIGHT SOURCE	PART CODE	A-129 (6000lm as standard) / A-159 (9000lm as alternative)	
	TYPE	Tungsten 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	0.75m ³ /min	
INGRESS PROTECTION		Once pressurised may be used underwater. Always start lamp before submersing and ensure lamp is running until removed from water, an additional accessory can be fitted allow an exhaust hose to be fitted to either have the exhaust air away from the lamps or piped to the surface. Depth of use limitations to be considered regarding water pressure. (IP40 when not running, IP66 when running)	
WEIGHT		7.9kg	12.2kg
*SPECIAL CERTIFICATION CONDITIONS		A clean dry air supply must be used. Supply hose must be anti-static.	

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request.



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