

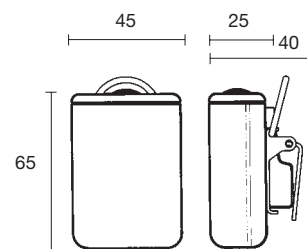


WOLF LITE TRACKER™

**ATEX Directive
94/9/EC Compliant**



- ATEX Certified intrinsically safe “ia” for safe use in zones 0, 1 and 2
- Continuous operation for 50 hours at full brightness
- Ultra-bright and Everlasting L.E.D. light source
- Lightweight
- Watertight
- Tough polycarbonate case
- Uni-directional light output
- Highlight personnel operating in any hazardous area
- Use by fire-fighters with breathing apparatus
- Water activated version available
- Attached to rope and used to cordon off areas



The Lite Tracker is a flashing visual indicator used to highlight the position of personnel or hazards in explosive atmospheres. It is a small, lightweight device that uses two primary cells to power ultra-bright light emitting diodes in a flashing strobe effect, cutting through darkness and smoke filled environments. Through the use of a diffusing lens the Lite Tracker emits light in all directions.

Approval to the ATEX Directive 94/9/EC for "Electrical equipment for potentially explosive atmospheres" using the "ia" intrinsic safety concept means the Lite Tracker can be used in zone 0, 1 or 2 explosive gases, vapours or mists where temperature class permits. The Lite Tracker is CE marked with the notified body reference 1180 relating to Baseefa (2001).

The Lite Tracker is powered by two AAA size primary cells. LR03 high energy alkaline manganese cells are permitted by the approval and will power the Lite Tracker for up to 30 or 50 hours at full brightness, after which time the light output will begin to drop slowly.

Light is generated by two or three ultra-bright light emitting diodes diffused by a light multiplying prismatic material within the enclosure, thus illuminating the entire body area. At night-time, with clear visibility, the Lite Tracker can be seen from distances of one kilometre or greater.

The Light Tracker is supplied as standard in amber, red or blue, but green and white are also available to special order.

The electronic circuit and cells are housed in a two part clear polycarbonate body, sealed to prevent the ingress of dirt and moisture. The standard certified LT-102, LT-103 and LT-105 Lite Tracker models are sealed to IP67 providing protection even for short periods immersed in water. Other fully waterproof models are protected to IP68 for use under water. The switches of all Lite Tracker models

listed are push button activated, but the LT-104 is water activated and therefore more suited to use in marine and offshore applications, and can easily be clipped onto life jackets or survival suits.

The Lite Tracker is attached to personnel by means of a steel "grip clip", which will attach to thick clothing or webbing, and a "D" ring for more secure fastening to a lanyard.

Every Lite Tracker is supplied complete with cells and instructions.

Lite Tracker Safety Flashing Indicator			
Technical Specification			
Product reference	LT-102	LT-103	LT-105
Product description	Industrial model, push button activated		
Code	Ⓔ II 1 G EEx ia IIC T4		
Equipment category	1G		
Apparatus standard	EN50 014, EN50 020		
Type of protection	"ia" intrinsic safety		
Area of classification	Zones 0, 1 and 2, gas groups IIA, IIB and IIC		
Temp. classification	T4		
Ambient temperature	-20°C to +40°C		
Certification	BAS99ATEX1017		
Enclosure	Polycarbonate		
Lens	Internal prismatic light multiplier/diffuser		
Light source:	Type	Solid state L.E.D.	
	Colour	Amber	Red
Power source:	Pt. no.	2 x LT-401	
	Type	AAA primary cells (LR03 recommended)	
	Volts	2 x 1.5v	
Light duration	50 hrs	50 hrs	30 hrs
Ingress protection	IP 67 to EN60529:1992		
Weight (incl. cells)	100g		

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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