Wolf® ML-15 Markerlite

Certification & Compliance

- The Wolf Markerlite is a bright LED light designed for high visibility.
- It's CE marked for the ATEX directive and IECEx certified for use in potentially explosive zones (Zone 1 for gas, Zone 21 for dust).
- It is used in hazardous areas to mark positions of people or hazards, such as on headgear, clothing, bikes, or for marking escape routes.
- Gas Group: IIA, IIB, IIC
- Temperature Class: T4
- Complies with EN IEC 60079-0 and EN 60079-11 standards.
- EX II 2 GD Ex ib IIC T4 Gb   Ex ib IIIB T200°C Db (-40°C to +55°C) IP67

Technical Specifications

- **Ultra Bright LED**: Features a long-lasting, ultra-bright LED light.
- **Compact and Lightweight**: Weighs only 23 grams with batteries, making it easy to carry.
- **Long Visibility**: Visible from over 0.5 miles (0.8 kilometers) away in the dark.
- **Long Battery Life**: Powered by 3V lithium cells, providing over 65 hours of flashing light or 25 hours of static light.
- **LED Options**: The LED light comes in white, red, or amber colors and can flash (up to 65 hours) or stay static (up to 25 hours).
- **Wide Angle Beam**: It provides a 180° light beam, visible from the front and sides.
- **Mounting**: The Markerlite can be easily attached to a headband, strap, or tube using a cable tie (included), and it stays securely in place.
- **Durability**: Built to last, it has a tough polycarbonate body and lens, resistant to drops, impacts, and water (IP67 rated, can be submerged up to 1 meter).

- **Ready to Use**: The Markerlite comes with a clip, reusable cable tie, batteries, and instructions for immediate use.

Standards

Ex-Proof (ATEX)   IECEx   CE 0598

TECHNICAL DETAILS

MARKERLITE				
PRODUCT REFERENCE		**ML-15W**	**ML-15A**	**ML-15R**
PRODUCT DESCRIPTION		White	Amber	Red
CODE (INDUSTRIAL)		II 2 GD Ex ib IIC T4 Gb (Tamb -40°C to +55°C) IP67 Ex ib IIIB T200°C Db		
TYPE OF PROTECTION		'ib' intrinsic safety		
AREA OF CLASSIFICATION (GAS)		Zones 1 and 2 Gas Groups IIA, IIB & IIC		
TEMP. CLASSIFICATION (GAS)		T4		
AMBIENT TEMPERATURE		-40°C - +55°C		
AREA OF CLASSIFICATION (DUST)		Zones 21 and 22 Dust Groups IIIA & IIIB		
MAX. SURFACE TEMPERATURE (DUST)		T200°C		

CERTIFICATE		ATEX - Baseefa14ATEX0203 IECEx - IECEx BAS 14.0095		
ENCLOSURE		Polycarbonate and Thermoplastic Elastomer		
LENS		Polycarbonate		
BEAM TYPE		Wide Angle (180°)		
LIGHT		High Output LED		
LIGHT SOURCE:	TYPE	LED White	LED Amber	LED Red
	OUTPUT	4.7 lumens		
	LIFE	25,000 hrs		
POWER SOURCE	TYPE	CR2032 Lithium Button Cells with a minimum separation of 0.9mm between central negative (-) pad and outer edge of cell		
	VOLTS	2 x 3V		
LIGHT DURATION		65 hrs (flashing) & 25 hrs (static)		
INGRESS PROTECTION		IP67		
WEIGHT (INCL.CELLS)		23 grams		