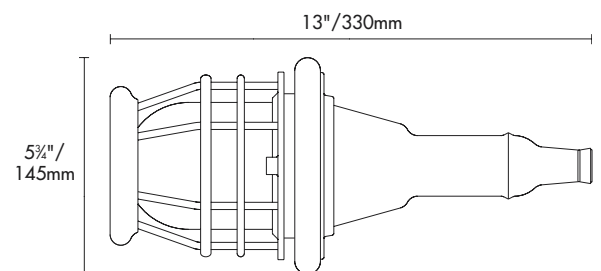




WOLF Ex GLS LEADLAMP



- Explosive gas and vapour atmosphere certified for use in zones 1 & 2, gas group IIA, up to T2/T3 temperature classes
- Uses standard 60 watt GLS rough service ES lamps
- Robust construction with rubber handle and impact ring
- Toughened glass cover with steel cage
- Cast iron locking ring
- Convenient integral hanging hook
- Ingress protection to IP54
- Can be supplied, fitted with cable



The Wolf Ex GLS Leadlamp is a cost effective explosionproof lamp for use in many hazardous area applications. It is ideal for localised inspection and maintenance operations over extended periods.

The Ex GLS Leadlamp is approved, by the German test house PTB, for use in zones 1 and 2 hazardous area confined spaces. The approval for the Leadlamp, when powered at 24, 42 or 110 volts ac or dc, covers use in gas group IIA atmospheres with a T2 temperature class. When powered at 230 volts, the Leadlamp can be used in gas group IIA atmospheres, with a temperature class of T3. This gives the lamp the versatility of use in many potentially explosive atmospheres including methane, petroleum and propane.

The light source for the Ex GLS Leadlamp is a standard 60W GLS rough service ES lamp of a voltage corresponding to the power supply used. This gives a good ambient light, ideal for plant inspection and maintenance duties.

The Ex GLS Leadlamp light source is protected by a toughened glass dome, which is able to withstand changes in temperature, preventing the risk of failure from thermal

shock. A steel cage guard with cast iron locking ring minimises the risk of direct impact damage, further protecting the glass. The guard and ring are plated to prevent corrosion. Finally, the resilient rubber construction incorporates two rubber rings on both the top and bottom of the steel guard. These are ideal for absorbing the general impact expected from industrial use.

User benefits in operating the Leadlamp include a rubber handle for enhanced grip, a convenient

retractable hook incorporated in the steel guard by which the handlamp can be hung, and a weight of just over 2Kg.

The Ex GLS Leadlamp is sealed to IP54, protecting against the ingress of dust and rendering the enclosure weatherproof.

A lamp is not supplied with the Ex GLS Leadlamp, allowing the user to select the correct rating for their intended power supply.

Wolf Ex GLS Leadlamp Technical Specification						
Product reference		LL-01E				
Product designation		Handlamp 439/GK				
Product description		Explosionproof handheld leadlamp				
Code		EEx e d IIA T2/T3				
Apparatus standards		EN50014, EN50018, EN50019				
Type of protection		'd' flameproof, 'e' increased safety				
Area of classification (gases)		Zones 1 and 2, gas group IIA				
Temp. classification (gases)		T2	T2	T2	T3	
Ambient temperature		-20°C to +40°C				
Certification		PTB Nr Ex 84/2405				
Enclosure		Rubber with steel guard and cast iron lock ring				
Lens		Moulded glass, toughened and resistant to thermal shock				
Light source:	Pt. no.	LL-430	LL-432	LL-434	LL-436	
	Type	GLS rough service ES lamp				
	Volts	24V	42V	110V	230V	
	Watts	60W				
	Beam	360°				
Power source:	Insulation	Class II				
	Voltage	24Vac/dc	42Vac/dc	110Vac/dc	230Vac/dc	
Ingress protection		IP54 minimum				
Weight		4½lbs/2.1kg (excluding cable)				

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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