



WOLF FLAMEPROOF LEADLAMP

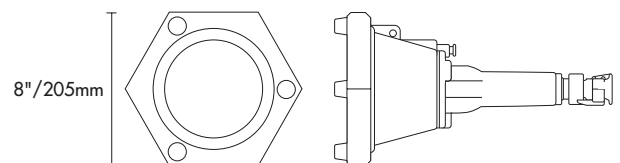
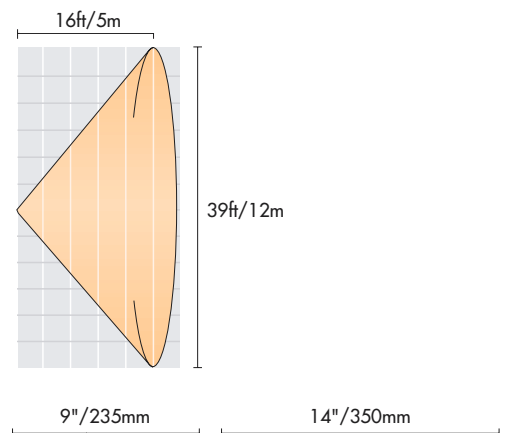


- **High output halogen light, up to 70 watts**
- **Lightweight alloy construction for single handed portability**
- **Zone 1 & 2, Gas group IIC T3/T4 certified**
- **Designed for quick and easy re-lamping and maintenance**
- **12, 24 or 42 Volts models available**
- **Integral operation switch**
- **Oil resistant rubber guard for drop and impact protection**
- **Ideal for cleaning, grit blasting and painting operations**

Wolf Flameproof Leadlamp LL-12
55w with flood beam (approx 100°)
Peak Luminous Intensity at 16ft/5m **180 lux**

Wolf Flameproof Leadlamp LL-24
70w with flood beam (approx 100°)
Peak Luminous Intensity at 16ft/5m **180 lux**

Wolf Flameproof Leadlamp LL-42
65w with flood beam (approx 100°)
Peak Luminous Intensity at 16ft/5m **180 lux**



The Wolf Flameproof Leadlamp is the latest addition to the Wolf range of 'Ex' explosion protected portable lighting. It has been certified to the European EN50014 (VDE 0170/0171) series of standards by the German test house BVS, for use in zones 1 and 2, group II (surface industry) hazardous area applications. It is approved for safe use in all potentially explosive gas, vapour and mist atmospheres to gas group IIC, where the T3/T4 temperature class permits.

Three different versions of the Leadlamp are available, with the option of powering from a 12, 24 or 42 Volt supply. Bulb ratings vary from 55 to 70 Watts, all versions offering unparalleled light output over an extremely wide 100° solid cone of light, ideal for confined space operations.

The Flameproof Leadlamp has a die cast aluminium alloy construction making the product lightweight and portable, ideal for carrying during extended shifts in offshore and onshore cleaning operations. The Leadlamp is constructed as a flameproof enclosure, containing the halogen bulb, switch and connecting wires. A flameproof threaded joint allows internal access, making bulb replacement and other minor maintenance a quick and simple operation. A large hexagonal rubber moulded guard is fitted to the outside of the head of the lamp, ensuring the glass lens and the

flameproof threaded joint are both protected from drop or impact damage. The handle is moulded in tough high impact plastic and fitted with a cable clamp, and provides protection for the increased safety clamped cable terminals.

Flameproof leadlamps are used extensively in many explosive atmosphere applications, particularly in cleaning, grit blasting and painting operations in tanks and silos and pipelines.

Cables and plugs of the appropriate rating and duty must be used. In explosive atmospheres 'Ex' component certified plugs, sockets and suitable fusing are required.

A leather carrying strap is supplied with each Lamp unit.

Wolf Flameproof Leadlamp Technical Specification				
Product reference	LL-12	LL-24	LL-42	
Product designation	KHLE 70 EN			
Product description	High power halogen floodlight leadlamp			
Code	EEx d e IIC T4	EEx d e IIC T3	EEx d e IIC T3	
Apparatus standard	VDE 0170/0171; EN50014, EN50018, EN50019			
Type of protection	'd' flameproof, 'e' increased safety			
Area of classification (gases)	Zones 1 and 2, gas groups IIA, IIB and IIC			
Temp. classification (gases)	T4	T3	T3	
Ambient temperature	-20°C to +40°C			
Certification	BVS Nr. 84B2012			
Enclosure	Light alloy, high impact plastic, oil resistant rubber			
Lens	Toughened glass			
Light source:	Pt. no.	LL-230	LL-232	LL-234
	Type	Halogen filament lamp		
	Volts	12V	24V	42V
	Watts	55W	70W	65W
	Beam	100° wide angle flood		
	Life	Up to 1000 hrs		
Power source:	Insulation	Class III		
	Voltage	12 Vac/dc	24 Vac/dc	42 Vac/dc
Ingress Protection	IP54 minimum			
Weight	5½lb/2.5kg (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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