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WOLF TANK LIGHTING KIT



- ATEX Approved for Zone 1 explosive Gas and Dust atmospheres
- Safe Extra Low Voltage
- Robust durable construction
- Choice of Stainless Steel or GRP Transformer
- Powers up to 4 Lamps
- Twin or Quad lamp configuration
- Supplied with 20m SY Cable
- Fitted with ATX Plugs and Sockets
- Maximum Cable Length per lamp 35m
- 110V or 230V Input Voltage available

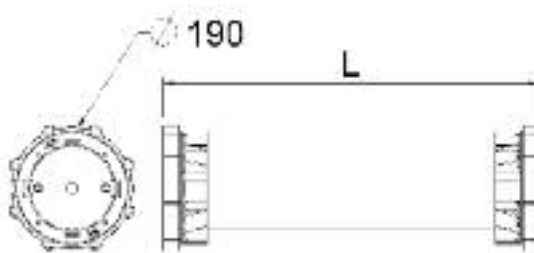
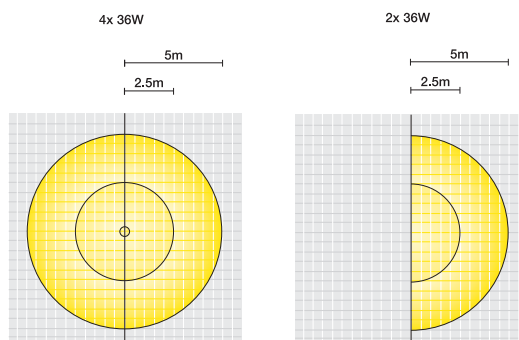


Applications Include:

- Tank Cleaning
- Vessel Entry
- Aircraft maintenance
- Utility Markets
- Tunnel maintenance
- Sewers & Drains
- Petrochem Plants
- Confined Space
- Offshore Oil & Gas



LL-500
2x 36W CFL (approx 180°)
4x 36W CFL (approx 360°)
Peak luminous intensity at 2.5m **138 lux**
Peak luminous intensity at 5m **36 lux**



ATEX



The Wolf Tank Lighting Kit provides a low voltage portable temporary lighting solution for Zone 1 Hazardous Areas where potentially explosive gases, vapours and dusts may be present.

The Kit comprises a Zone 1 Ex transformer, 230V or 110V to 24V, supplying extra low voltage for use in tanks and vessels, with up to four LL-500 fluorescent leadlamps in various configurations, the most popular being four 2x36W lamps giving 180° of light output. Alternatively, a kit including three 2x36W lamps and one 4x36W lamp

providing 360° of high quality ambient light. Each lamp is supplied with 20m SY cable and fitted with ATX 2-Pole + Earth plugs for connection in the explosive area.

Easy maintenance is a key feature of this product range, with standard replacement compact fluorescent lamps readily available from electrical wholesalers and fitted in minutes.

A full range of accessories is available, including protective film for painting and shot blasting applications, magnetic fixings, tripods, and stands to mount the

lamp vertically and elevate it away from tank residue, using the integrated Unistrut-compatible mounting points. Wolf Safety also carries a full range of spares to minimise downtime for the user.

Typical applications include:- vessel entry, tank cleaning and routine inspection work, programmed preventative maintenance shutdowns in potentially dangerous confined spaces, all frequently encountered in the aircraft industry, oil & gas, petrochemical and utility markets.

Tank Lighting Kit Configuration Matrix

Wolf Tank Lighting Kit Code	LL-115	LL-215	LL-125	LL-225	LL-116	LL-216	LL-126	LL-226
Certification Code	II 2 GD Ex emb II T3/T4 Ex tD A21 IP66/67/68 T100°C							
Lamp Models *	4 x LL-524/20				3 x LL-524/20 & 1 x LL-544/20			
Lamp Output	4 x 72W (288W)				3 x 72W & 1 x 144W (360W)			
Transformer	LL-114	LL-214	LL-124	LL-224	LL-114	LL-214	LL-124	LL-224
Transformer Type	GRP		Stainless Steel		GRP		Stainless Steel	
Transformer Voltage	110V	230V	110V	230V	110V	230V	110V	230V

* Please refer to the Fluorescent Leadlamp sales leaflet for individual lamp specification

Wolf ATEX Leadlamp Transformers

Technical Specification

Product Reference	LL-114	LL-214	LL-124	LL-224
Description	GRP 110 volt transformer	GRP 230 volt transformer	Stainless Steel 110 volt transformer	Stainless Steel 230 volt transformer
Code	II 2 GD EEx ed IIC T3 DIP A21 IP66 T _A =85°C		II 2 GD Ex ed IIC T4 Ex tD A21 IP66 T135°C	
Apparatus Standard	EN50014, EN50018, EN50019, EN50281-1-1		EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1	
Type of protection	“e” increased safety “d” flameproof			
Area of classification (Gas)	Zones 1 and 2, Gas groups IIA, IIB and IIC			
Temp classification (Gas)	T3		T4	
Area of classification (Dust)	Zones 21 and 22		Zones 21 and 22	
Max. surface temperature (Dust)	T85°C		T135°C	
Ambient temperature	-40°C to +55°C		-20°C to +40°C to 350VA -20°C to +30°C to 400VA	
Certificate	LCIE02ATEX6248X		SIRA08ATEX3182X	
Enclosure	GRP (glass reinforced polyester) enclosure, stainless steel skid		Stainless steel enclosure, stainless steel skid	
Power	400VA			
Volts in	110V ac	230V ac	110V ac	230V ac
Input cable	15m SY cable with ATX 110V/230V 2P+E Plug fitted as standard			
Volts out	24V			
Socket arrangement	4 output sockets, ATX 24V 2P + E as standard			
Size – dimensions	460x450x280		580x370x270	
Ingress protection	IP66			
Weight	21kg		23kg	

All products supplied with 4mm² SY Cable and ATX plugs/sockets as standard.

All products supplied with fluorescent lamps fitted as standard.

Changes to the above specifications available on request.



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