

LED Tank Lighting Kits

Wolf

Wolf Safety Lamp Company

“The ultimate low voltage temporary LED lighting solution”

LinkEx LED

Temporary LinkEx™ LED ambient and task low voltage lighting for hazardous areas where potentially explosive gases and dusts may be present in a confined space.

- ATEX and IECEx Certified
- Approved for explosive Gas and Dust atmospheres
- Ultra bright low maintenance LED light source
- Robust, durable and lightweight construction
- Quick and easy installation over a large area
- Wide range of accessories



ATEX IECEx

WOLF SAFETY LAMP COMPANY

Saxon Road Works, Sheffield, S8 0YA, UK

T: +44 114 255 1051 | F: +41 114 255 7980

E: info@wolf-safety.co.uk | www.wolf-safety.co.uk

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The LinkEx™ LED Tank Lighting Kits, all ATEX and IECEx Certified, provide low voltage temporary lighting solutions for Zones 1 and 2 (Gas) and 21 and 22 (Dust) hazardous areas where potentially explosive gases, vapours, mists and dusts may be present in a confined space.

The kits allow for a flexible setup of high quality task and ambient LED lighting to suit all working conditions in tanks and vessels and offers your workers a high level of safety through a simple configuration of:

- LinkEx™ LED Temporary Luminaires
- LinkEx™ LED Floodlites
- ATEX Transformer, 230V or 110V to 24V
- Range of cables, plugs and socket types and power distribution systems
- Protective, fixing and mounting accessories

TYPICAL APPLICATIONS INCLUDE:

Vessel entry, tank cleaning and routine inspection work and programmes of preventative maintenance shutdowns all encountered in the oil and gas, aircraft, petrochemical and utility markets.



- ATEX and IECEx Certified
- Approved for explosive Gas and Dust atmospheres
- Ultra bright, high power, low maintenance LED 'Fitted for Life' light source
- Voltage tolerance monitor for safe operation indication
- Powers up to 8 lights
- Fitted with ATX plugs and sockets
- Low and easy maintenance
- Robust, durable and lightweight construction
- Quick and easy installation over a large area.
- Low power consumption
- Wide range of accessories



“ Easy maintenance is a key feature of Wolf's temporary lighting solutions. ”



ATEX IECEx

KIT COMPONENTS

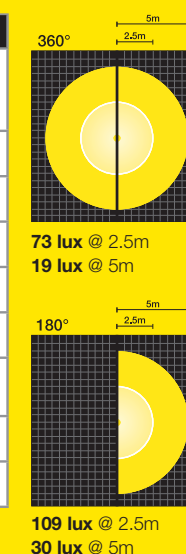
WOLF LINKEX™ LED TEMPORARY LUMINAIRE LX-400

LinkEx LED

The LinkEx™ LED Temporary Luminaire is a high power LED Portable Leadlamp, ideal for ambient lighting, with CE marking to the 94/9/EC ATEX Equipment Directive and IECEx Certification, for safe use in Zones 1 and 2 potentially explosive gas and dust atmospheres, where a T3 temperature class permits.

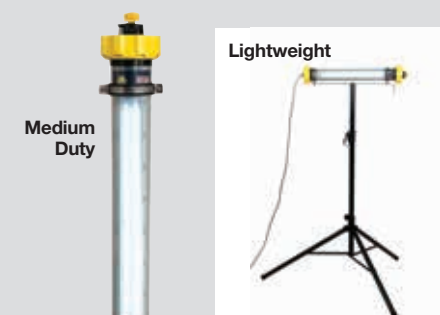
- Available in non-linkable and linkable versions to link a chain of lights together in a series.
- Unique voltage tolerance monitor - SOVI™ (Safe Operation Voltage Indicator).
- Ultra bright, high power LED 'Fitted for Life' light source with lower power consumption.
- Robust, durable and lightweight construction and low maintenance.
- 180° and 360° versions available.

Ref	LX-400
	II 2 GD Ex emb IIC T3 Gb Ex t IIIIC T170°C Db IP66/67 -20°C to +40°C
	SIRA12ATEX3177X
	Zones 1 & 2
	Zones 21 & 22
	≈3.5Kg
	128ø x 706mm
	19-28V AC/DC 85-264V AC*
	Hi Power LED (3250lm)
	IP66/67



*Mains voltage versions available

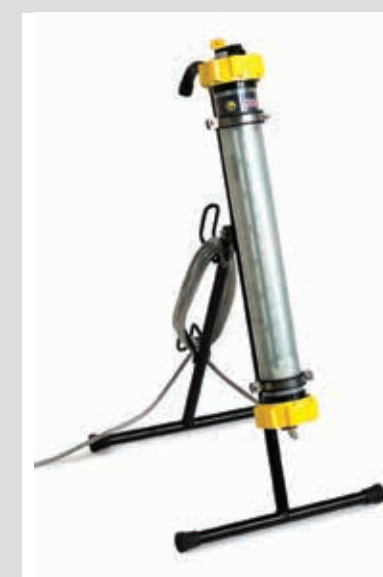
ACCESSORIES



TRIPOD STAND

Lightweight + Bracket
LL-680 + LX-670

Medium Duty
+ Bracket
LL-699 + LX-670



A-FRAME STAND LX-685

PROTECTIVE
FILM (Pack of 3)
LX-545/3



FIXING KITS

Magnet
LX-680
Scaffold
LX-678
Universal
LX-679



HANGING STRAPS LL-654

KIT COMPONENTS

WOLF LINKEX™ LED FLOODLITE
WF-300

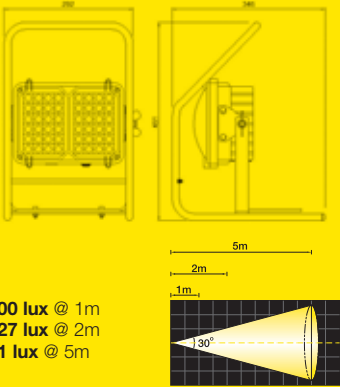


The **LinkEx™ LED Floodlite** is a high performance and lightweight LED floodlight, ideal for task lighting, with CE marking to the 94/9/EC ATEX Equipment Directive and IECEx Certification, for safe use in Zones 1 potentially explosive gas and Zone 21 explosive dust atmospheres, where a T4 temperature class permits.

- Using an array of 48 ultra bright high output, highly efficient, LEDs, it gives an excellent flood of brilliant white light.
- Compact, robust and lightweight construction with very low maintenance.
- Supplied with stainless steel bridle and stand with pivot angle adjustment.
- Low power consumption and low operating surface temperature, no risk of burns.
- Wide angle flood available upon request.



Ref	WF-300
	II 2 GD Ex emb IIC T4 Gb Ex t IIIC T103°C Db IP66/67 (Tamb= 50°C)
	SIRA10ATEX5117X
	Zones 1 & 2
	9.0kg (excluding cable)
	292 x 451 x 354mm
	24V AC/DC 110-254V AC*
	IP66/67
	48 x High Power LED (3300lm)



ATEX IECEx

*Mains voltage versions available

WOLF ATEX TRANSFORMER GRP LL-114 / LL-214
STAINLESS STEEL LL-124 / LL-224

All tank lighting kits are supplied with a Zone 1 Ex transformer 230V or 110V to 24V in a choice of GRP (Glass Reinforced Polyester) or Stainless Steel, sealed to IP66, enabling use in wet and dusty conditions.








A 15 metre input cable is fitted with an ATX plug and four ATX output sockets are fitted externally to the transformer enclosure. A stainless steel outer protective skid makes the unit stronger and easy to handle for temporary installations ensuring that it can withstand the harshest of environments. Wolf's transformers are robust and durable in their construction and lightweight and portable for easy handling.



GRP (ATEX Approved)



Stainless Steel (ATEX and IECEx Approved)

Ref	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
	II 2 GD Ex ed IIC T3 Ex tD A21 IP66 T200°C		II 2 GD Ex ed IIC T4 Ex tD A21 IP66 T135°C -20°C to +40°C @ 350VA -20°C to +30°C @ 400VA	
	LCIE02ATEX6248X		SIRA08ATEX3182X	
	Zones 1 and 2			
	Zones 21 and 22			
	21kg		23kg	
	504x465x285		580x370x270	
	400VA (4 output sockets, ATX 24V 2P + E as standard)			
	IP66			

WOLF TEMPORARY POWER DISTRIBUTION SYSTEMS

The range encompasses ATEX approved 400VA transformers 230V and 110V to 24V and 230V to 110V and bespoke high power single and three phase transformers, which can be fitted with Fuses, RCBOs and MCBs plus, Mains Distribution Units (MDUs), splitter boxes, extension leads and reels.

By integrating a range of additional power distribution units you can increase the flexibility of the lighting solution and power ancillary equipment for maintenance tasks.

Wolf's solutions are fully flexible to enable different configurations to be built to your specific hazardous area requirement.



ACCESSORIES

Medium Duty



TRIPOD STAND

Lightweight LL-680 Medium Duty LL-699

Lightweight



PROTECTIVE GRILL
WF-515



SCAFFOLD BRACKET
WF-699



MAGNETIC FIXING KIT
WF-696



PROTECTIVE FILM (Pack of 3)
WF-650/3

WOLF CABLES, PLUGS & SOCKETS

All kits are supplied with SY 2.5mm² cable for the LX-400 and SY 4mm² cable for the WF-300, with ATX plugs and sockets as standard.

Ships braided cable (BS6883) and CEAG or Stahl plugs and sockets are available upon request.



KIT STANDARD CONFIGURATIONS

	Product Reference	Diagram	Product Image		Cabling	Transformer	Kit Code		
NON-LINKED LIGHTS	4 x LX-400 180°			Accessories include hanging straps (LX-400) and fitted protective film (LX-400 and WF-300) for each light.	Standard cable length 20m per light SY 2.5mm² Cable for the LX-400	GRP 110V (LL-114)	LX-175		
	3 x LX-400 180° + 1 x 360°					SS 110V (LL-124)	LX-185		
						GRP 230V (LL-214)	LX-275		
						SS 230V (LL-224)	LX-285		
	2 x LX-400 180° + 2 x WF-300				Standard cable length 20m per light SY 2.5mm² Cable for the LX-400 SY 4mm² Cable for the WF-300	GRP 110V (LL-114)	LX-137		
	4 x WF-300					SS 110V (LL-124)	LX-157		
						GRP 230V (LL-214)	LX-237		
						SS 230V (LL-224)	LX-257		
4 x WF-300			Standard cable length 20m per light SY 4mm² Cable for the WF-300		GRP 110V (LL-114)	LL-135			
					SS 110V (LL-124)	LL-155			
					GRP 230V (LL-214)	LL-235			
					SS 230V (LL-224)	LL-255			
LINKED LIGHTS	8 x LX-400 180° (2 x chains of 4 linked lights)				Standard cable length 5m per light SY 2.5mm² Cable for the LX-400	GRP 110V (LL-114)	LX-177		
	4 x LX-400 180° (1 x chain of 4 linked lights) + 1 x WF-300					SS 110V (LL-124)	LX-187		
						GRP 230V (LL-214)	LX-277		
						SS 230V (LL-224)	LX-287		
	4 x LX-400 180° (1 x chain of 4 linked lights) + 1 x WF-300				Standard cable length 5m per LX-400/20m per WF-300 light SY 2.5mm² Cable for the LX-400 SY 4mm² Cable for the WF-300	GRP 110V (LL-114)	LX-178		
						SS 110V (LL-124)	LX-188		
						GRP 230V (LL-214)	LX-278		
						SS 230V (LL-224)	LX-288		

In addition to these standard configurations, we can offer bespoke LED tank lighting kits based on your specific requirements in terms of cable extensions and the use of different lights on one transformer.

Please contact the **Wolf Safety's customer services team** to discuss further on **+44 (0)114 2551051** or email **info@wolf-safety.co.uk**

KIT SPARES & OTHER LIGHTING OPTIONS

WOLF SPARES

All products are designed to be user serviceable, backed up by technical advice and training on the operation and maintenance of products. A full spares service is offered for all internal and external fittings and accessories.

- Outer tubes
- Yellow end protectors / caps
- Trumpet glands
- Voltage drivers
- Replacement cable
- Tray assemblies
- Fixing kits and straps
- Replacement magnets
- Plugs and sockets

Other items available upon request.



WOLF OTHER TEMPORARY LIGHTING EQUIPMENT

ATEX Worklite

Rechargeable high output LED floodlight



Flameproof Leadlamp

Powerful safety halogen spotlight



LinkEx™ Fluorescent Leadlamp

Temporary fluorescent luminaire



ATEX Turbolite

High-power compressed air safety lamp



Note: Changes may be made to the above specifications without notice, details of changes are available on request.



Wolf Safety Lamp Company

Wolf Safety Lamp Company
Saxon Road Works
Sheffield, S8 0YA, UK

T: +44 114 255 1051
F: +41 114 255 7980
E: info@wolf-safety.co.uk