

LinkEx™ Tank Lighting Kit

Zones: 1, 2, 21 and 22



Product Overview

The LinkEx™ Tank Lighting Kits, all ATEX 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 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 Temporary Emergency Luminaires
- LinkEx™ WF-300XL LED Floodlites
- LinkEx™ WF-250XL LED Floodlites
- Handheld Leadlamps
- 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.

LinkEx™ LED Temporary Luminaires, Emergency Luminaires and Floodlites are all fitted with SOVI™, Wolf's unique safety feature.

We have a range of standard configurations as detailed in the technical information, however we can offer bespoke tank lighting kits based on your specific requirements in terms of cable extensions and the use of different lights on one transformer.

Features & Benefits

- ATEX and IECEx Certified
- Approved for explosive Gas and Dust atmospheres
- Ultra bright, high power, low maintenance LED 'Fitted for Life'
- SOVI™ (Safe Optimal Voltage Indicator) - on LinkEx™ LED Temporary Luminaires (including Emergency) and the LinkEx™ WF-300XL & WF-250XL Floodlite - for maximum safety
- Powers up to 8 LED Luminaires
- Emergency luminaires with backup battery supply for extra safety
- 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

Certifications



0598

Technical Specification

Product Reference	Transformer		Kit	
	Material Voltage Model	VA	Temp. Class & Ambient (°C)	Code
4 x LX-400 180° Cabling (per light): 20m SY 2.5mm ²	GRP 110V LL-114/T4	250	T4 -20°C to +50°C	LX-175/T4
	SS 110V LL-133/T4	250	T4 -20°C to +55°C	LX-185/T4
	GRP 230 LL-214/T4	250	T4 -20°C to +55°C	LX-275/T4
	SS 230V LL-233/T4	250	T4 -20°C to +55°C	LX-285/T4
4 x LX-400E (EMERGENCY) Cabling (per light): 20m SY 2.5mm ²	GRP 110V LL-114/T4	250	T4 -20°C to +55°C	LX-145/T4
	SS 110V LL-133/T4	250	T4 -20°C to +55°C	LX-165/T4
	GRP 230 LL-214/T4	250	T4 -20°C to +55°C	LX-245/T4
	SS 230V LL-233/T4	250	T4 -20°C to +55°C	LX-265/T4
3 x LX-400 180° + 1 x LX-400E Cabling (per light): 20m SY 2.5mm ²	GRP 110V LL-114/T	250	T4 -20°C to +55°C	LX-146/T4
	SS 110V LL-133/T4	250	T4 -20°C to +55°C	LX-166/T4
	GRP 230 LL-214/T4	250	T4 -20°C to +55°C	LX-246/T4
	SS 230V LL-233/T4	250	T4 -20°C to +55°C	LX-266/T4
3 x LX-400 180° + 1 x 360° Cabling (per light): 20m SY 2.5mm ²	GRP 110V LL-114/T4	250	T4 -20°C to +55°C	LX-176/T4
	SS 110V LL-133/T4	250	T4 -20°C to +55°C	LX-186/T4
	GRP 230 LL-214/T4	250	T4 -20°C to +55°C	LX-276/T4
	SS 230V LL-233/T4	250	T4 -20°C to +55°C	LX-286/T4
2 x LX-400 180° + 2 x WF-300XL Cabling (per light): 20m SY 2.5mm ² (LX) 20m SY 2.5mm ² (WF)	GRP 110V LL-114/T3	320	T3 -20°C to +50°C	LX-137/T3
	SS 110V LL-133/T3	320	T3 -20°C to +42°C	LX-157/T3
	GRP 230 LL-214/T3	320	T3 -20°C to +50°C	LX-237/T3
	SS 230V LL-133/T3	320	T3 -20°C to +42°C	LX-257/T3
4 x WF-300XL Cabling (per light): 20m SY 2.5mm ²	GRP 110V LL-114/T3	400	T3 -20°C to +35°C	LL-135/T3
	SS 110V LL-133/T3	400	T3 -20°C to +30°C	LL-155/T3
	GRP 230 LL-214/T3	400	T3 -20°C to +35°C	LL-235/T3
	SS 230V LL-233/T3	400	T3 -20°C to +30°C	LL-255/T3
4 x WF-250XL	GRP 110V (LL-114/T4)	250	T4 -20°C to +55°C	LL-139/T4

Cabling (per light): 20m SY 2.5mm ²	SS-110V (LL-133/T4)	250	T4 -20° C to +55° C	LL-159/T4
	GRP 230V (LL-214/T4)	250	T4 -20° C to +55° C	LL-239/T4
	SS 230V (LL-233/T4)	250	T4 -20° C to +55° C	LL-259/T4
8 x LX-400 180° (2 x chains x4 linked) Cabling (per light): 5m light SY 2.5mm ²	GRP 110V LL-114/T3	400	T3 -20° C to +35° C	LX-177/T3
	SS 110V LL-133/T3	400	T3 -20° C to +30° C	LX-187/T3
	GRP 230 LL-214/T3	400	T3 -20° C to +35° C	LX-277/T3
	SS 230V LL-233/T3	400	T3 -20° C to +30° C	LX-287/T3
8 x LX-400E (EMERGENCY) (2 x chains x4 linked) Cabling (per light): 5m light SY 2.5mm ²	GRP 110V LL-114/T3	400	T3 -20° C to +35° C	LX-147/T3
	SS 110V LL-133/T3	400	T3 -20° C to +30° C	LX-167/T3
	GRP 230 LL-214/T3	400	T3 -20° C to +35° C	LX-247/T3
	SS 230V LL-233/T3	400	T3 -20° C to +30° C	LX-267/T3

- All information has been gathered under laboratory conditions, the user must regard the values given as approximate.
- Changes may be made to the above specification without notification, details are available on request.

Version: SL018 DF-443 Issue 11



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

- T: +44 (0) 114 255 1051 • F: +44 (0) 114 255 7988
- E: info@wolfsafety.com • www.wolfsafety.com

