

Wolf® LinkEx™ LED Temporary Luminaire

Article Number: 08010454 08020525 08020521 08020528

LX-400SH/SY10/ATX230, LX-400SHA/230/SY5, LX-400SH/SY10/ATX110, LX-400SHA110/SY5, LX-400SL/SY10/ATX24, LX-400SLA24/SY5

- The LinkEx™ LED Temporary Luminaire is a high-powered LED leadlamp used for short-term lighting and maintenance tasks. It is CE marked according to the ATEX directive and IECEx certified, ensuring safe use in Zones 1 and 2, where explosive gas and dust atmospheres may exist, and a T4 temperature class is allowed.
- Complies with EN IEC 60079-0, EN IEC 60079-7, EN IEC 60079-18, EN 60079-28 and 60079-31 standards.



Non-Linkable:

II 2 GD Ex eb mb IIC T4 Gb

Ex tb IIIC T135°C Db

Linkable:

II 2 GD Ex eb mb IIC T4 Gb

Ex tb IIIC T135°C Db

- Brilliant white light output
- Highly reliable
- Low maintenance with a "fitted for life" light source
- Power-saving, allowing longer cable runs and more lights to be powered from a single supply
- Available in 180° format (side-by-side arrays) for unidirectional illumination
- Available in 360° format (back-to-back arrays) for omni-directional illumination (special order)
- Lightweight, compact, and highly robust construction
- Impact-resistant end caps and tube, with anti-static and light diffusing coatings
- Chemical-resistant high visibility shock-absorbing bump rings to minimize drop damage
- ATEX sockets for easy and safe connection of multiple lamps in a chain, even in Ex Atmospheres
- Two voltage input ranges
High voltage (85-264V AC) for general applications

Low voltage (18-50V AC/DC) for confined space applications (like metal tanks) with higher electric shock risks

- Wide input voltage ranges for usability and safety in long cable runs or multiple lights
- SOVI™ (Safe Optimal Voltage Indicator) system:
- Pulses dimmer if voltage is above the limit
- Pulses brighter if voltage is below the limit

Technical Specifications:

- Up to 4,000 lumens light output at source
- High light output at the widest part of the beam
- Features the unique SOVI (Safe Optimal Voltage Indicator)
- The beam will pulse to indicate if the lamp is not at optimum performance voltage
- Safe to 0 volts supply
- T4 temperature class
- High power, low maintenance LED light source 'Fitted for Life'
- High and low input voltage versions available
- Lightweight
- Available with ATEX plugs and sockets to link in series/chain
- Compact and robust design
- Low power consumption
- Certified anti-static protection film and bags available
- Wide range of fixing and mounting accessories available

Standards



CE Mark



Ex-Proof (ATEX)

TECHNICAL DETAILS

PRODUCT REFERENCE	LX-400
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PRODUCT DESCRIPTION		LinkEx LED ATEX Temporary Luminaire
		T4 Low (LV) & High (HV) Voltage
Code		NON-LINKABLE II 2 GD Ex e mb op is IIC T4 Gb (-20°C to +55°C) Ex t IIIC T135°C Db IP67 LINKABLE II 2 GD Ex e mb opis IIC T4 Gb (-20°C to +55°C) Ex t IIIC T135°C Db IP66*
TYPE OF PROTECTION		"e" increased safety, "mb" encapsulation, "d" flameproof
AREA OF CLASSIFICATION (GAS)		Zones 1 & 2, Gas Groups IIA, IIB, IIC
TEMPERATURE CLASS		T4
AREA OF CLASSIFICATION (DUST)		Zones 21 & 22
MAX SURFACE TEMP (DUST)		135°C
AMBIENT TEMPERATURE		-20°C to +55°C (+45°C with LX-321 Protective Bag Fitted)
CERTIFICATE		CML 18ATEX3371X IECEX CML 18.0197X
ENCLOSURE AND LENS		Polycarbonate with Anti-static Coating
BEAM TYPE		Wide Angle, Diffused Area Light (180° or 360°)
LIGHT SOURCE	TYPE	LED
	LIFE	Over 60,000 hrs
	POWER	24VAC ≈27W (42VA) 48VAC ≈27W (51VA) HV ≈ 26W

OUTPUT	4,000 lm (at source)
INPUT VOLTAGE	LV 18-50V AC/DC HV 90-264V AC
WEIGHT (NON-LINKABLE)	3.0kg without cable
Length (Non-Linkable)	0.7m
Ingress Protection	Non-Linkable (No Socket) IP67 / Linkable (Socket Fitted) IP66*
INCLUDED	Supplied with lens protecting film (LX-545), protection cover kit (LX-621) and hanging straps (LX-654)



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