

Wolf® LINKEX™ LED ATEX Emergency Temporary Luminaire

LX-400EHA110/T4/SY5, LX-400EHA230/T4/SY5, LX-400EH/T4/SY10/ATX110, LX-400EH/T4/SY10/ATX230, LX-400ELA24/T4/SY5, LX-400EL/T4/SY10/ATX24 ZONES: 1, 2, 21 AND 22



- The LinkEx™ LED Temporary Emergency Light has all the features of the LX-400 series, including the unique SOVI™ system for safe voltage. It improves safety by automatically switching to battery power if the main power supply fails. It is also available in an Exit sign version.
- Complies with EN IEC 60079-0, EN IEC 60079-7, EN IEC 60079-18 ve 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

- Switch version:

II 2GD Ex eb ib mb IIC T4 Gb

Ex ib tb IIIC T135°C Gb

- CE Marked & IECEx Certified: Safe for use in Zones 1 and 2, where explosive gas and dust are present, with a T4 temperature class allowed.
- High-Quality Lighting: Uses two high-powered LED arrays for bright white light, reliable performance, and low maintenance.
- Unidirectional Lighting: The LED arrays are side-by-side to provide effective one-directional lighting in a '180°' format.
- Durable Design: The light is lightweight, compact, and tough with impact-resistant end caps and tube (anti-static and light-diffusing coatings).
- Shock Protection: Features high-visibility, chemical-resistant, shock-absorbing bump rings to protect against drop damage.

- **ATEX Socket:** Can be connected in a chain to other lights, allowing for quick and safe connections while powered on.
- **Flexible Voltage Options:** Available in HV (90-264V AC/DC) and LV (18-55V AC/DC), with the LV version ideal for confined spaces, reducing electric shock risk.
- **Wide Voltage Range:** The broad input voltage range supports long cable runs and multiple lights, even with voltage drops.
- **SOVI™ System:** The Safe Optimal Voltage Indicator shows if the voltage is too high or low by making the light pulse dimmer or brighter, ensuring proper voltage levels.

Technical Specifications:

- **Emergency Function:** If the power goes out, the light automatically switches to battery power.
- **Battery Duration:** 3 hours of battery life at 50% light output for emergency evacuation.
- **Light Output:** 3,000 lumens of light at the source.
- **Voltage Options:** Available in HV (90-264V AC) and LV (18-55V AC/DC).
- **Temperature Range:** T4 temperature class; works in temperatures from -20°C to +55°C.
- **Safe to 0 Volts:** Certified to work even down to 0 volts.
- **Anti-Static Protection:** Hazardous area certified anti-static protection films and covers available.
- **Plugs:** Can be supplied with ATX, CEAG, Marechal, or Stahl Ex plugs.
- **LED Light Source:** High power, low maintenance LED light source, designed to last a lifetime.
- **Durable Design:** Compact and robust construction.
- **Mounting Accessories:** A wide range of fixing and mounting options available.
- **Versions:** Available in Switch and Exit versions.
- **Hanging Straps:** Supplied with hanging straps (model LX-654).

Standards



Ex-Proof (ATEX)



IECEx



CE 0598

TECHNICAL DETAILS

PRODUCT REFERENCE	LX-400E (Emergency)	
PRODUCT DESCRIPTION	LinkEx LED ATEX Emergency Temporary Luminaire	
	Emergency Low Voltage (LV) 18-55 V AC/DC	Emergency High Voltage (HV) 90- 264V AC
Code	<div>Non-Linkable:</div> <div>II 2 GD Ex eb mb IIC T4 Gb</div> <div>Ex tb IIIC T135°C Db</div> <div>Linkable*:</div> <div>II 2 GD Ex eb mb IIC T4 Gb</div> <div>Ex tb IIIC T135°C Db</div> <div>Switch version:</div> <div>II 2GD Ex eb ib mb IIC T4 Gb</div> <div>Ex ib tb IIIC T135°C Gb</div>	
TYPE OF PROTECTION	"eb" increased safety, "mb" encapsulation, "tb" enclosure, "ib" intrinsic safety	
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-621 protective cover fitted)	
CERTIFICATE	CML 18ATEX3371X IECEX CML 18.0197X CML 21UKEX3644X	
ENCLOSURE AND LENS	Polycarbonate with Anti-static Coating	

BEAM TYPE		Wide Angle, Diffused Area Light 180°	
LIGHT SOURCE	TYPE	LED	
	LIFE	Over 60,000 hrs	
	POWER	24VAC ≈27W (42VA) 48VAC ≈27W (51VA) HV ≈ 26W	
	OUTPUT	Up to 3,000 lumens, (output on emergency battery is 1,500 lumens)	
INPUT VOLTAGE		18-55V AC/DC	90-264V AC
POWER		26VA ≈25W	≈26W
WEIGHT (NON-LINKABLE)		3.2kg without cable	
Length (Non-Linkable)		0.7m	
Ingress Protection		Non-Linkable (No Socket) IP67 / Linkable (Socket Fitted) IP66	
INCLUDED		Hanging straps (LX-654)	

* Linkable products with CEAG sockets are restricted to IP54 and are not approved for use in dust environment



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