

Wolf® LMXE Emergency Linear DLO



Certification & Compliance

- The LMXE DLO (Directional Linear Optics) Intelligent Emergency range is certified with ATEX, IECEx, and UKEX for safe use in Zone 1, 2, and 21, 22 potentially explosive atmospheres.
- It has all the features of the LMX DLO Linear standard luminaire.
- It includes an additional battery-powered emergency back-up supply in case of a power failure in the hazardous area.
- Complies with EN IEC 60079-0, EN 60079-18, EN 60079-7 and 60079-31 standards
- EX II 2 G Ex eb mb IIC T4 Gb
II 2 D Ex tb IIIC T80°C...T90°C Db (dependent on model type)
Ta -50°C to +60°C (dependent on model type)

Technical Specifications

- The LMXE DLO (Directional Linear Optics) Emergency has all the features and benefits of the standard LMX linear range.
- It includes emergency mode durations powered by a NiMH battery, selectable by the installer on-site.
- Available emergency mode options:
4 hours at 25% output (LMX2E models); 4 hours at 12.5% output (LMX4E models)
2 hours at 50% output (LMX2E models); 2 hours at 25% output (LMX4E models)
1 hour at 100% output (LMX2E models); 1 hour at 50% output (LMX4E models)
- LMX4E DLO models have one "emergency" and one "standard module."
- The Intelligent Emergency circuit automatically performs periodic self-tests to monitor system and battery condition.
- During the self-test, LED output from the Emergency Linear remains at full power to avoid disturbing activities.

- A 3-color LED indicator shows the circuit status:
Green: Everything is functioning correctly
Amber: The unit is performing a self-test
Red: A fault or the battery hasn't reached full capacity

Standards



Ex-Proof (ATEX)



IECEx

TECHNICAL DETAILS

PRODUCT REFERENCE	LMX2E-L-60	LMX4E-L-60
CODE	II 2 G Ex eb mb IIC T4 Gb II 2 D Ex tb IIIC T90°C Db	
CERTIFICATE	ExVeritas 19 ATEX 0433X IECEx EXV 19.0001X ExVeritas 21 UKEX 0946X	
INPUT VOLTAGE RANGE	100-140V AC; 200-277V AC	
INPUT POWER(230V)	32W	56W
FREQUENCY	50 - 60 Hz	
POWER FACTOR	>0.90	
ENCLOSURE SIZE	2ft	4ft
Lumen Output (Max)*	1,988	3,976

LED Module & Quantity	1x Emergency DLO	1x Emergency DLO and 1x DLO
Beam Angles	90° (110° upon request)	90° (110° upon request)
Ingress Protection	IP66/IP67 (depending on gland fitted)	
Gas Temp. Class	T4	
Weight	6.5kg	10.5kg
Dust Surface Temp.	T90°C	
Lower Temp. Limit	-40 °C	
Upper Temp. Limit	60 °C	
Colour Temperature	5000K	

*Lumen output figures stated are for 230V AC



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