LMXE EMERGENCY LINEAR

WITHOUT COMPROMISE

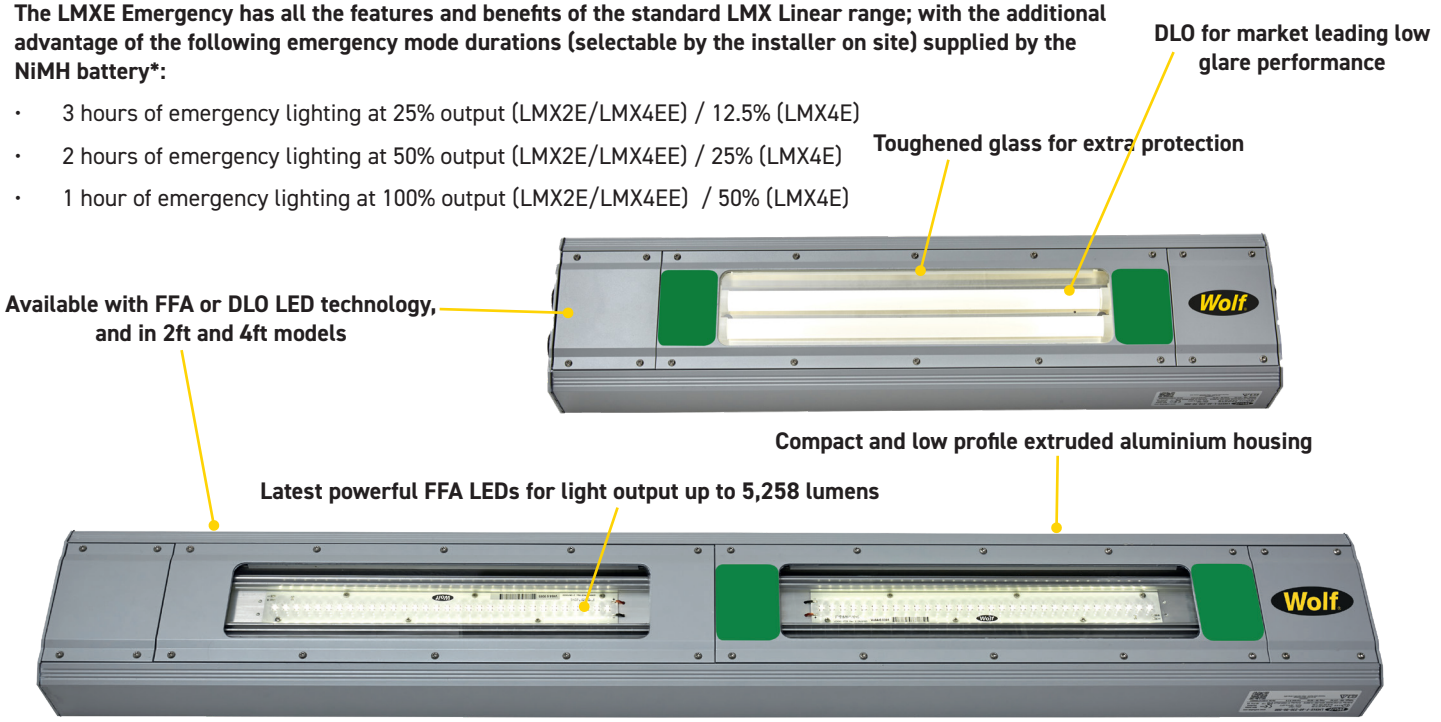
LMXE EMERGENCY LINEAR ZONES 1 2 21 22

PRODUCT INFORMATION

The LMXE Emergency installed linear range is ATEX and IECEx certified for safe use in Zones 1 and 21 potentially explosive atmospheres. With both 2ft and 4ft models being available with FFA or DLO LED technology, the LMXE is ideal for illuminating Hazardous Area exit routes, walkways, corridors, and long and large open work spaces. All products are IP66/IP67 rated (depending on the gland fitted), tough, reliable and ideal for indoor or outdoor use in new installations, and for replacing existing fluorescent or LED installations for improved performance and lower energy consumption.

The LMXE Emergency has all the features and benefits of the standard LMX Linear range; with the additional advantage of the following emergency mode durations (selectable by the installer on site) supplied by the NiMH battery*:

- 3 hours of emergency lighting at 25% output (LMX2E/LMX4EE) / 12.5% (LMX4E)
- 2 hours of emergency lighting at 50% output (LMX2E/LMX4EE) / 25% (LMX4E)
- 1 hour of emergency lighting at 100% output (LMX2E/LMX4EE) / 50% (LMX4E)



FEATURES & BENEFITS

LIGHT OUTPUT/POWER

FORWARD FACING ARRAY (FFA) models:
Up to 5,258 lumens (LMX4E-F)

- Ideal for large area illumination

DIRECTIONAL LINEAR OPTICS (DLO) models:
Up to 3,976 lumens (LMX4E-L)

- Directional light - light directed exactly where needed with no over-spill and no wasted lumens
- Low glare - for workers' comfort and well being

CERTIFICATION/SPECIFICATION

- ATEX and IECEx certified for use in Zones 1/2 potentially explosive gas and Zones 21/22 potentially explosive dust zones
- T4 temperature class
- An IP66/IP67 rating means the LMXE Linear is suitable for both indoor and outdoor use
- With all models having a lower ambient limit of -40°C and high temperature versions up to 60°C being available, the LMXE range is ideal for even the most extreme environments

FEATURES

- Emergency battery providing up to 3 hours of light at a reduced output
- Simple design ensures quick and easy installation
  Standard industry sizes allow easy retrofit of existing installations
- Four gland apertures (2x each end) to support through wiring arrangements
- Available as 110V and 230V versions
- The extruded aluminium body and toughened glass ensure long life and resistance to damage
- Ultra long life LEDs - configured for 100,000+ hours life
- The modular LED system allows easy, quick and efficient servicing, repair and replacement if necessary through easy access and rapid part replacement
- Advanced thermal management technology ensures a lifetime of 100,000 hrs
- 5 year warranty
- 5000k colour temperature for bright, crisp lighting that's ideal for general work area illumination

*LMX4E models: only one LED panel illuminates during emergency function

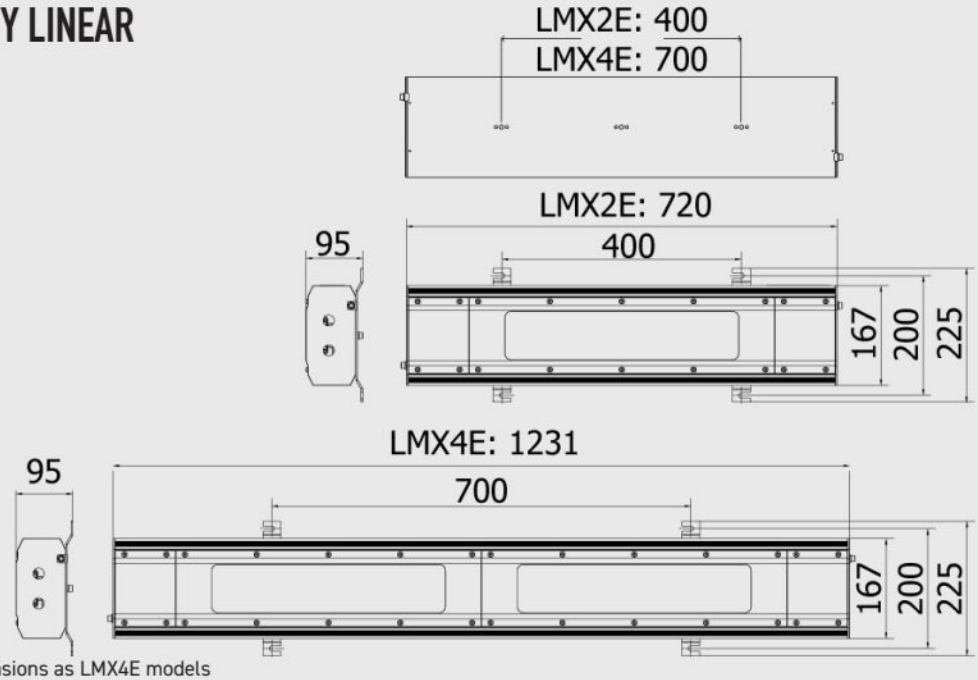
*LMX4EE models: both LED panels illuminate during emergency function

TECHNICAL INFORMATION

PRODUCT DIMENSIONS

LMXE EMERGENCY LINEAR

MEASUREMENT MM

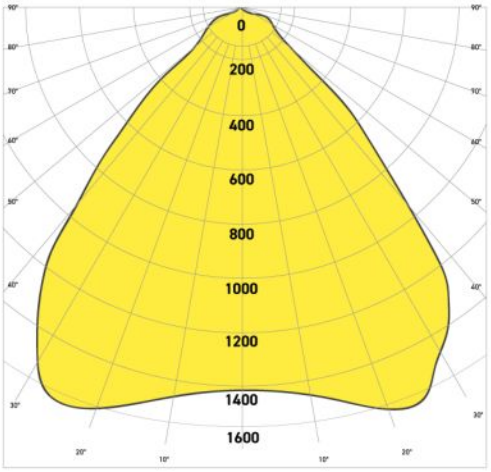


LMX4EE models are the same dimensions as LMX4E models

LIGHT OUTPUT DIAGRAM

LMX4 LINEAR 3,976 lm

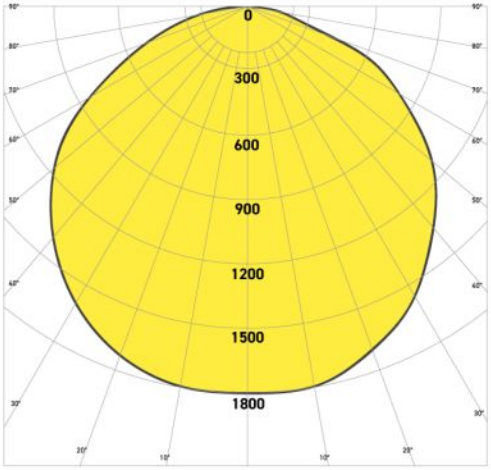
DIRECTIONAL LINEAR OPTICS (DLO)



FIGURES SHOWN ARE CANDELAS

LMX4 LINEAR 5,258 lm

FORWARD FACING ARRAY (FFA)



FIGURES SHOWN ARE CANDELAS

LMXE EMERGENCY LINEAR TECHNICAL TABLE

LMXE EMERGENCY LINEAR						
PRODUCT REFERENCE	**LMX2E-F-60**	**LMX2E-L-60**	**LMX4E-F-60**	**LMX4E-L-60**	**LMX4EE-F-60**	**LMX4EE-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 - 277 V AC					
Input Power (230V)	31W	32W	52W	56W	62W	64W
Frequency	50 - 60 Hz					
Power Factor	>0.90					
Enclosure Size	2ft		4ft			
Lumen Output (Max)*	2,629	1,988	5,258	3,976	5,258	3,976
LED Module & Quantity	1 x Emergency FFA	1 x Emergency DLO	1 x Emergency FFA and 1 x FFA	1 x Emergency DLO and 1 x DLO	2 x Emergency FFA	2 x Emergency DLO
Beam Angles	115°	90° (110° upon request)	115°	90° (110° upon request)	115°	90° (110° upon request)
Ingress Protection	IP66 / IP67 (depending on gland fitted)					
Gas Temp. Class	T4					
Dust Surface Temp.	T90°C					
Lower Temp. Limit	-40°C					
Upper Temp. Limit	60°C					
Weight	6.5kg		10.5kg		12kg	
Colour Temperature	5000K					

*Lumen output figures stated are for 230V AC

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. E&OE.

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