

## PRODUCT INFORMATION

The LMXE Emergency installed linear range is ATEX, IECEx and UKEX certified for safe use in Zones 1 and 21 potentially explosive atmospheres. Ideal for illuminating hazardous area exit routes, walkways, corridors, and long and large open work spaces, all products are IP66/IP67 rated (depending on 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\*:

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

DLO for market leading low glare performance

Toughened glass for extra protection

Available in 2ft and 4ft models



Compact and low profile extruded aluminium housing

Latest powerful FFA LEDs for light output up to 5,258 lumens



## 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, IECEx and UKEX certified for gas Zone 1 and dust zone 21 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

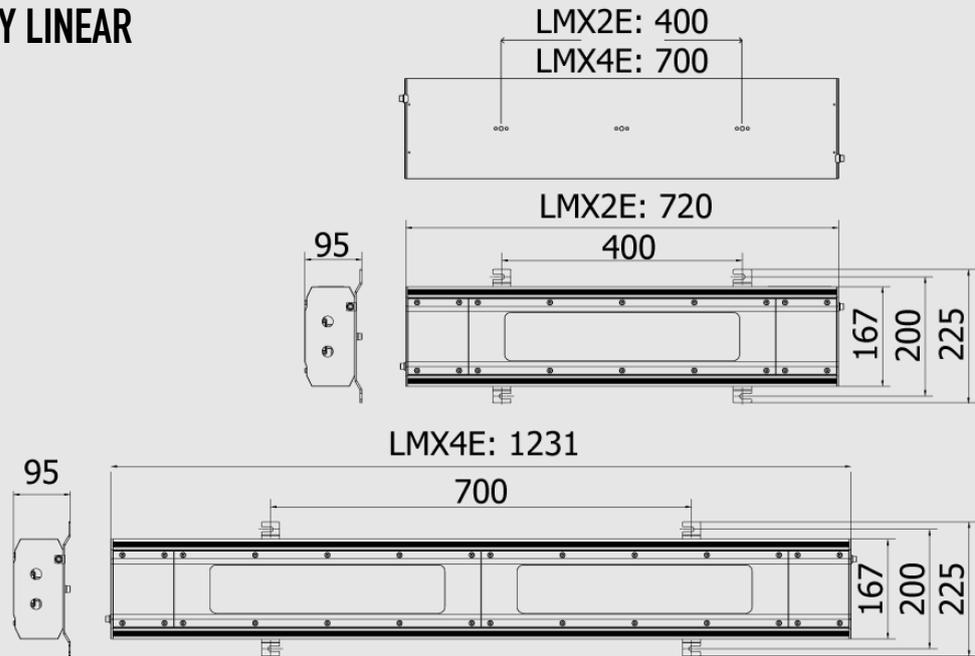
- Emergency battery providing up to 4 hours of light at a reduced output
- Simple design ensures quick and easy installation  
Standard industry sizes allow easy retrofit of existing installations
- Four gland apertures (2x each end) to support through wiring arrangements
- Available as 110V and 230V 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
- \*Only one LED panel illuminates during emergency function of 4ft LMXE
- 5000k colour temperature for bright, crisp lighting that's ideal for general work area illumination

# TECHNICAL INFORMATION

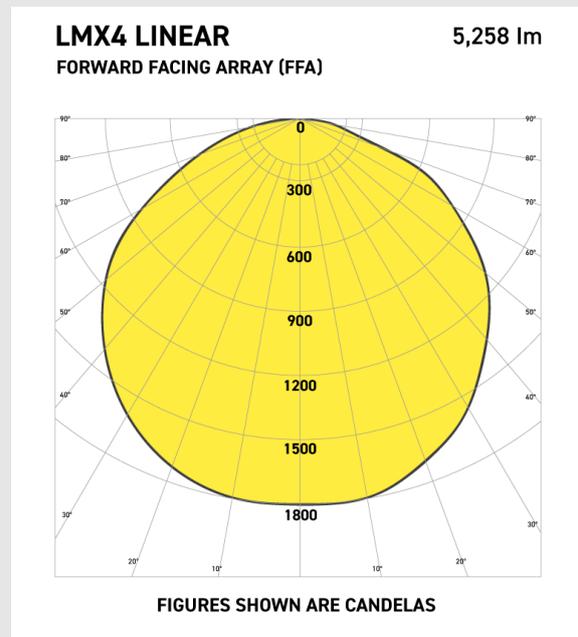
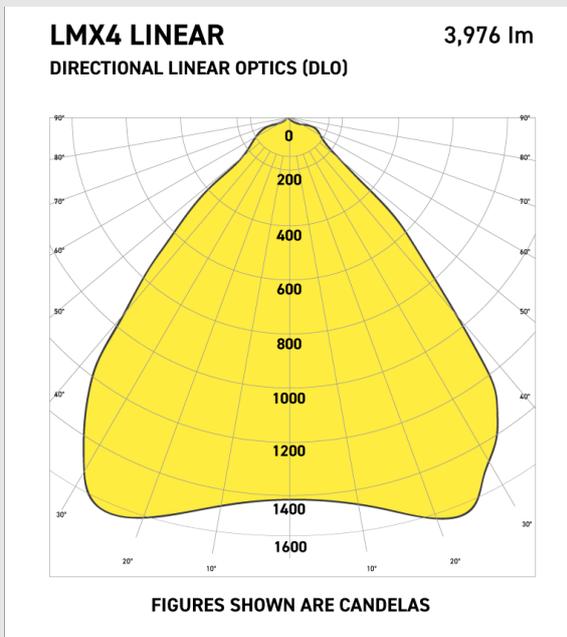
## PRODUCT DIMENSIONS

### LMXE EMERGENCY LINEAR

MEASUREMENT MM



## LIGHT OUTPUT DIAGRAM



# LMX LINEAR TECHNICAL TABLE

## LMX LINEAR

| PRODUCT REFERENCE                | LMX2E-F-60   | LMX2E-L-60              | LMX4E-F-60                  | LMX4E-L-60                  |
|----------------------------------|--|-------------------------|-----------------------------|-----------------------------|
| <b>Code</b>                      | II 2 G Ex eb mb IIC T4 Gb<br>II 2 D Ex tb IIIC T90°C Db                |                         |                             |                             |
| <b>Certificate</b>               | ExVeritas 19 ATEX 0433X / IECEx EXV 19.0001X / ExVeritas 21 UKEX 0946X |                         |                             |                             |
| <b>Input Voltage Range</b>       | 100 - 140V AC; 200 - 277 V AC  |                         |                             |                             |
| <b>Input Power (230V)</b>        | 31W  | 32W                     | 52W                         | 56W                         |
| <b>Frequency</b>                 | 50 - 60 Hz   |                         |                             |                             |
| <b>Power Factor</b>              | >0.90  |                         |                             |                             |
| <b>Enclosure Size</b>            | 2ft  |                         | 4ft                         |                             |
| <b>Lumen Output (Max)*</b>       | 2,629  | 1,988                   | 5,258                       | 3,976                       |
| <b>LED Module &amp; Quantity</b> | 1 x Emergency FFA  | 1x Emergency DLO        | 1x Emergency FFA and 1x FFA | 1x Emergency DLO and 1x DLO |
| <b>Beam Angles</b>               | 115°   | 90° (110° upon request) | 115°                        | 90° (110° upon request)     |
| <b>Ingress Protection</b>        | IP66 / IP67 (depending on gland fitted)                                |                         |                             |                             |
| <b>Gas Temp. Class</b>           | T4   |                         |                             |                             |
| <b>Dust Surface Temp.</b>        | T90°C  |                         |                             |                             |
| <b>Lower Temp. Limit</b>         | -40°C  |                         |                             |                             |
| <b>Upper Temp. Limit</b>         | 60°C   |                         |                             |                             |
| <b>Weight</b>                    | 6.5kg  |                         | 10.5kg                      |                             |
| <b>Colour Temperature</b>        | 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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