

## Wolf® LMX Linear FFA Ex-Proof

### Certification & Compliance

- The LMX Linear FFA (Forward Facing Array) range is certified with ATEX, IECEx, and UKEX for safe use in Zones 1 and 21 potentially explosive atmospheres.
- All products have an IP66/67 rating, making them tough, reliable, and suitable for both indoor and outdoor use.
- Ideal for new installations or replacing old fluorescent or LED lights.
- Provides improved performance and lower energy consumption.
- The LMX Linear range is efficient, robust, and durable.
- Available in standard 2 feet and 4 feet sizes.
- Ideal for use in potentially explosive atmospheres.
- T4 temperature class.
- Works in ambient temperatures as low as -50°C and high versions up to +60°C.
- Suitable for a wide range of hazardous environments.
- 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

- Standard industry sizes make retrofitting existing installations easy.
- Simple design for quick and easy installation
- Four gland apertures (2x on each end) support through wiring setups.
- Extruded aluminium body and strengthened glass ensure durability and resistance to damage.
- Ultra-long life LEDs with a projected L70 figure of 145,000 hours.

- Modular LED system allows for easy servicing, repair, and part replacement.
- Advanced thermal management ensures a lifespan of 10+ years.

Intelligent Emergency versions with battery back-up are also available.

## Standards



Ex-Proof (ATEX)



IECEX

## TECHNICAL DETAILS

| PRODUCT REFERENCE    | LMX2S-F-50   | LMX2S-F-60 | LMX4S-F-50 | LMX4S-F-60 |
|----------------------|--|------------|------------|------------|
| CODE                 | II 2 G Ex eb mb IIC T4 Gb<br>Ex tb IIIC T T80°C..90°C Db (dependent on model type) |            |            |            |
| CERTIFICATE          | ExVeritas 19 ATEX 0433X<br>IECEX EXV 19.0001X<br>ExVeritas 21 UKEX 0946X           |            |            |            |
| INPUT VOLTAGE RANGE  | 88 - 140V AC; 180 - 277 V AC   |            |            |            |
| INPUT POWER(230V)(W) | 23   |            | 46         |            |
| FREQUENCY            | 50 - 60 Hz   |            |            |            |
| POWER FACTOR         | >0.90  |            |            |            |
| ENCLOSURE SIZE       | 2ft  |            | 4ft        |            |
| Lumen Output (Max)*  | 2,629  |            | 5,258      |            |

| LED Module & Quantity | 1x FFA      |        | 2x FFA |        |
|-----------------------|-------------|--------|--------|--------|
| Beam Angles           | 115°        |        |        |        |
| Ingress Protection    | IP66/IP67** |        |        |        |
| Gas Temp. Class       | T4          |        |        |        |
| Weight                | 5kg         |        | 9kg    |        |
| Dust Surface Temp.    | T80 °C      | T90 °C | T80 °C | T90 °C |
| Lower Temp. Limit     | -50 °C      |        |        |        |
| Upper Temp. Limit     | 50 °C       | 60 °C  | 50 °C  | 60 °C  |
| Colour Temperature    | 5000K       |        |        |        |

- \*Lumen output figures stated are for 230V AC
- \*\*IP rating dependent upon the gland fitted

