

LMX LINEAR ZONES 1 2 21 22

PRODUCT INFORMATION

The LMX installed linear range is ATEX, IECEx and UKCA certified for safe use in Zones 1 and 21 potentially explosive atmospheres. Ideal for illuminating hazardous area walkways, corridors, and long and large open areas, all products are IP67 rated, 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.

Available in 2 versions, Forward Facing Array (FFA) models are ideal for illuminating larger areas and for when lights are mounted high up and out of operators' eyeline; Directional Linear Optics (DLO) versions offer market leading low glare performance and the ability to direct light exactly where it's needed with no light overspill or wasted light output.

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 (LMX4)
5000K for bright, crisp lighting that's ideal for general work area illumination

Directional Linear Optics (DLO) models:

Up to 3,976 lumens
Directional light - light directed exactly where needed with no over-spill and no wasted lumens
Low glare - for workers' comfort and well being
4600K for maximum comfort and ease for more detailed operations

CERTIFICATION/SPECIFICATION

ATEX, IECEx and UKCA certified for gas Zone 1 and dust zone 21
T4 temperature class
An IP67 rating means the LMX Linear is suitable for both indoor and outdoor use
With all models having a lower ambient limit of - 50°C and high

temperature versions up to 60°C being available, the LMX range is ideal for even the most extreme environments

FEATURES

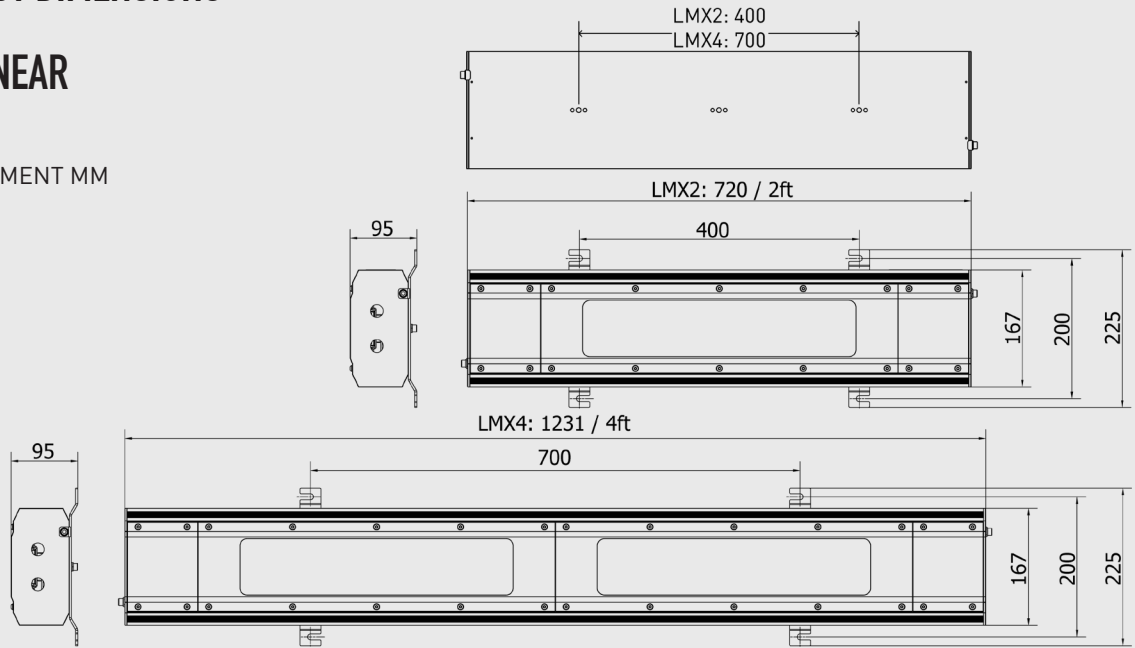
Simple design ensures quick and easy installation
Standard industry sizes allow easy retrofit of existing installations
Four gland apertures (2x each end) to support through wiring arrangements
Available as 110V and 230V versions
The extruded aluminium body and strengthened glass ensure long life and 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 10 years+
5 year warranty
IES files available upon request

TECHNICAL INFORMATION

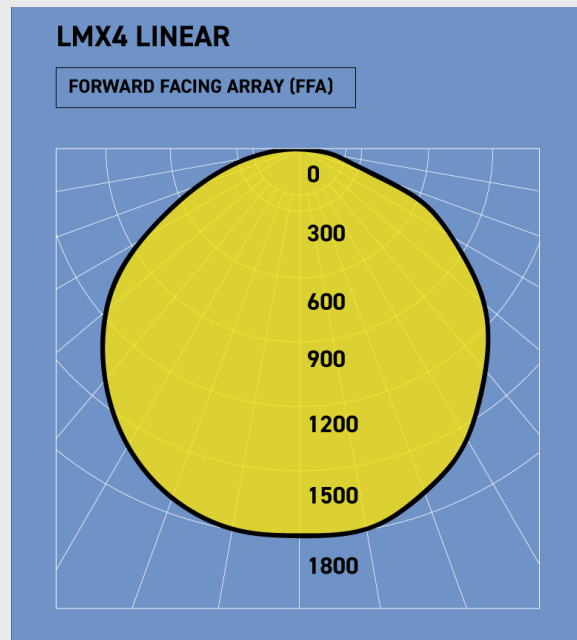
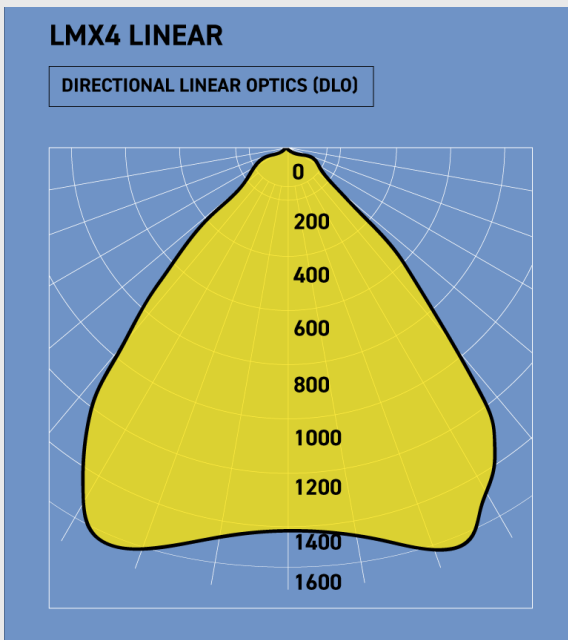
PRODUCT DIMENSIONS

LMX LINEAR

MEASUREMENT MM



LIGHT OUTPUT DIAGRAM



LMX LINEAR TECHNICAL TABLE

LMX LINEAR								
PRODUCT REFERENCE	LMX2S-F-50	LMX2S-F-60	LMX2S-L-50	LMX2S-L-60	LMX4S-F-50	LMX4S-F-60	LMX4S-L-50	LMX4S-L-60
Code	II 2 G D Ex eb mb IIC T4 Gb Ex tb IIIC T T80°C..90°C Db							
Certificate	ExVeritas 19 ATEX 0433X / IECEx EXV 19.0001X / ExVeritas 21 UKEX 0946X							
Input Voltage Range	88 - 140V AC; 180 - 277 V AC							
Input Power (230V) (W)	23		24		46		48	
Frequency	50 - 60 Hz							
Power Factor	>0.90							
Enclosure Size	2ft				4ft			
Lumen Output (Max)*	2,629	2,629	1,988	1,988	5,258	5,258	3,976	3,976
LED Module & Quantity	1 x FFA	1 x FFA	1x DLO	1x DLO	2x FFA	2x FFA	2x DLO	2x DLO
Beam Angles	115°		90° (110° upon request)		115°		90° (110° upon request)	
Ingress Protection	IP67							
Gas Temp. Class	T4							
Dust Surface Temp.	T80 °C	T90 °C	T80 °C	T90 °C	T80 °C	T90 °C	T80 °C	T90 °C
Lower Temp. Limit	-50 °C							
Upper Temp. Limit	50 °C	60 °C	50 °C	60 °C	50 °C	60 °C	50 °C	60 °C

*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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