



## LGZ Explosion Protected LED Linear Luminaire

### Overview

The LGZ luminaire offers high quality uniformly distributed light for both internal and external applications that require an Ex ec increased safety fitting.

The light engine is a direct LED replacement for 2ft to 6ft fluorescent tubes, and can be driven at a range of drive currents to increase energy savings without compromising on light quality. We offer a 2ft or 4ft option as standard and other lengths are available on request.

LGZ utilises a unique patented waveguide technology, which shines the light sideways from the LED into a solid, cast acrylic rod and then reflects the light outwards into the area to be lit.



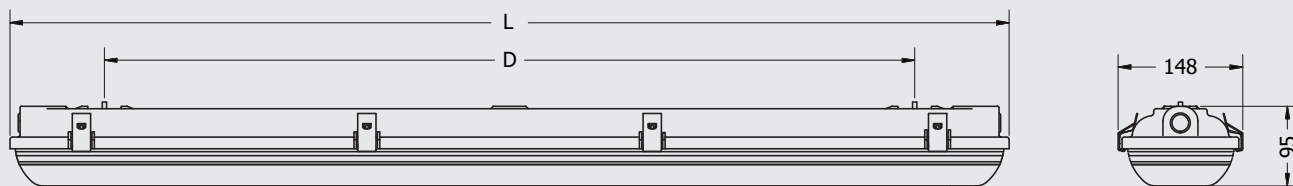
### Features

- ATEX/IECEX approved for use in Zones 2 & 22
- Lightweight, robust and vibration resistant design
- High Lumen output 5200 lm
- Instant Strike
- Corrosion resistant GRP enclosure
- Available as:  
2ft, 4ft, 2ft Emergency, or 4ft Emergency





## Dimensions



Body Dimensions (mm)		
Type	L	D
2 ft	651	425
4 ft	1197	971



## Technical Specification

	2 ft	4 ft
Application	Oil & Gas, Marine, Petrochemical	
Certification	ATEX and IECEx for Gas and Dust	
Markings	II 3 G D Ex ec op is IIC T4 Gc Ex tc IIIC T85°C Dc	
Ingress Protection Rating	IP66	
Operating Temperature	-20 °C to +40 °C	
Light source	High Output LED	
Light Output	2400 lm @ 286 mA	5200 @ 286 mA
Colour Temperature	5700 K as standard	
Colour Rendering Index (CRI)	75	
Emergency Options	Non-maintained or Maintained	Maintained
Input Voltage	230v 50/60Hz AC	
Input Current	0.12 A	0.18 A
Enclosure Material	GRP Body with Polycarbonate Diffuser	
Estimated Luminaire Life	>75,000 hours	
Weight	3 kg	5 kg

# LUMENOX

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