



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.



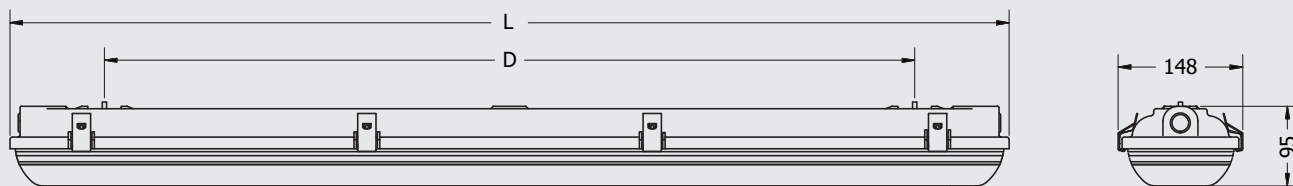
Features

- 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

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