

Wolf® LFX1 Floodlite Ex-Proof



Certification & Compliance

- The LFX1 Floodlite™ is perfect for safely lighting medium to large-sized Hazardous Areas that need wide, even light coverage.
- It is ATEX, IECEx, and UKEX certified for Zones 1, 2, and 21, 22.
- The LFX1 is available with either 12 or 16 LEDs.
- It is IP66/67 certified and comes with a full range of fixing accessories.
- With a T4 temperature class and a lower ambient temperature of -50°C, plus high-temperature versions up to 65°C, the LFX1 Floodlite™ is suitable for a wide range of Hazardous Area environments.
- The LFX1 Floodlite™ is suitable for both indoor and outdoor use in potentially explosive atmospheres.
- Complies with EN IEC 60079-0, EN 60079-18, EN 60079-7 and 60079-31
- EX II 2 G Ex eb mb IIC T4 Gb
II 2 D Ex tb IIIC T110°C Db
Ta -50°C to +45°C to +65°C (dependent on model type)

Technical Specifications

- Supplied with LFX1-AB.
- Simple design for quick and easy installation.
- Two versions available: 12 or 16 LED arrays.
- A robust, durable aluminium body with strengthened glass for long life and resistance to damage.
- Ultra-long-life LEDs, configured to give a protected L70 figure of 145,000 hours.
- Options for light output range from 6,483 lumens to 12,996 lumens, allowing you to choose based on your specific light level requirements.
- Available in beam angles of 36°, 45°, 62°, and 102°, enabling you to direct the light where needed.
- 5000K white light provides bright, crisp lighting, perfect for general work area illumination.

Standards



Ex-Proof (ATEX)



IECEX

TECHNICAL DETAILS

PRODUCT REFERENCE	LFX1S-12-55	LFX1S-12-65	LFX1S-16-45	LFX1S-16-55
CODE	II 2 G D Ex eb mb IIC T4 Gb Ex tb IIIC T110 °C Db			
CERTIFICATION	ExVeritas 19 ATEX 0586X IECEX EXV 19.0079X ExVeritas 21 UKEX 0939X			
Input Voltage Range	88 - 140V AC; 180 - 277 VAC			
Input Power	67.5W	45W	90W	60W
Frequency	50 - 60 Hz			
Power Factor	>0.90	>0.90	>0.95	>0.95
Enclosure Size	Small			
Lumen Output (Max)*	9,724	6,483	12,996	8,644
LEDs	12 LED	12 LED	16 LED	16 LED
Beam Angles	Narrow (36°), Medium (45°), Wide (62°), Ultra Wide (102°)			
Ingress Protection	IP66/IP67***			

Gas Temp. Class	T4
Weight	9.5kg
Colour Temperature	5000K

- Lumen output figures stated for 230V AC
- LFX1S-12-55 and LFX1S-12-65 do not have through wiring capability
- IP rating dependent upon gland fitted



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