



LFX12 LED Explosion-Proof Floodlight

Overview

The LFX12 is a high output, robust and reliable LED floodlight for use in oil & gas, petro-chemical, aviation, marine and utility applications.

Suitable for use in Zones 1,2,21 & 22, weatherproof to IP65 and with a robust marine grade aluminium housing, the LFX12 is suitable for use in the harshest environments. Utilising high output LED light engines, the LFX12 provides excellent illumination while running very cool to ensure high reliability and long life.

Lumenox floodlights are fitted with our own custom built driver which ensures the driver lasts as long as the LED and is more suited to the extremes of temperature encountered in an explosion-proof application.

Heatsinking and thermal management has been optimised using CFD (computational fluid dynamics) to ensure maximum heat dissipation, essential for reliable LED functionality and long life.



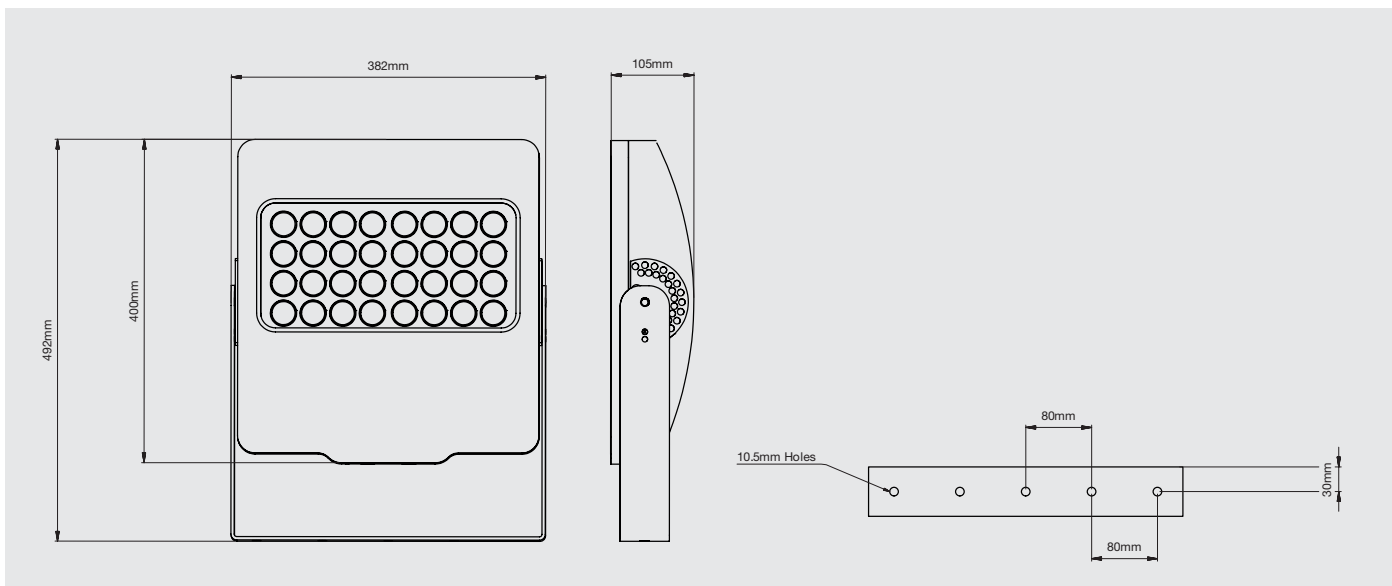
Features

- ATEX/IECEX approved for use in Zones 1,2,21 and 22
- Lightweight, robust and vibration resistant design
- High Light output, 13,000 lm
- Instant Strike
- Robust, marine grade corrosion resistant alloy enclosure
- Universal 110V to 240V ac voltage range





Dimensions



Technical Specification

Application	Oil & Gas, Petro-Chemical, Marine
Certification	ATEX, IECEx II 2 G D Ex e mb IIC T4 Gb Ex tb IIIC T135°C Db Ta = -20°C to +60°C
Ingress Protection	IP65
Operating Temperature	-20°C to +60°C
Weight	14.5 Kg
Light Source	High Output LED
Light Output	13,000 lm
Colour Temperature	5700 K
Colour Rendering Index (CRI)	>70
Input Voltage	110V - 240V ac
Current Consumption	0.6A @ 230V ac
Enclosure Material	Marine Grade Aluminium
Estimated Life	> 50,000 hours

Part Number		
Type	Beam Pattern	Cable Entries
LFX12-HO	(N) Narrow	(1) 2 x M20
	(M) Medium	(2) 2 x 1/2" NPT
	(W) Wide	

Example LFX12-HO-M-1

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