

## LFS3 LED Heavy Industrial Floodlight

### Overview

The LFS3 is a robust and reliable LED floodlight for use in oil & gas, petro-chemical, aviation, marine and utility applications.

Weatherproof to IP66 and with a robust LM6 alloy housing, the LFS3 is suitable for use in the harshest environments.

Utilising LED light engines, the LFS3 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.



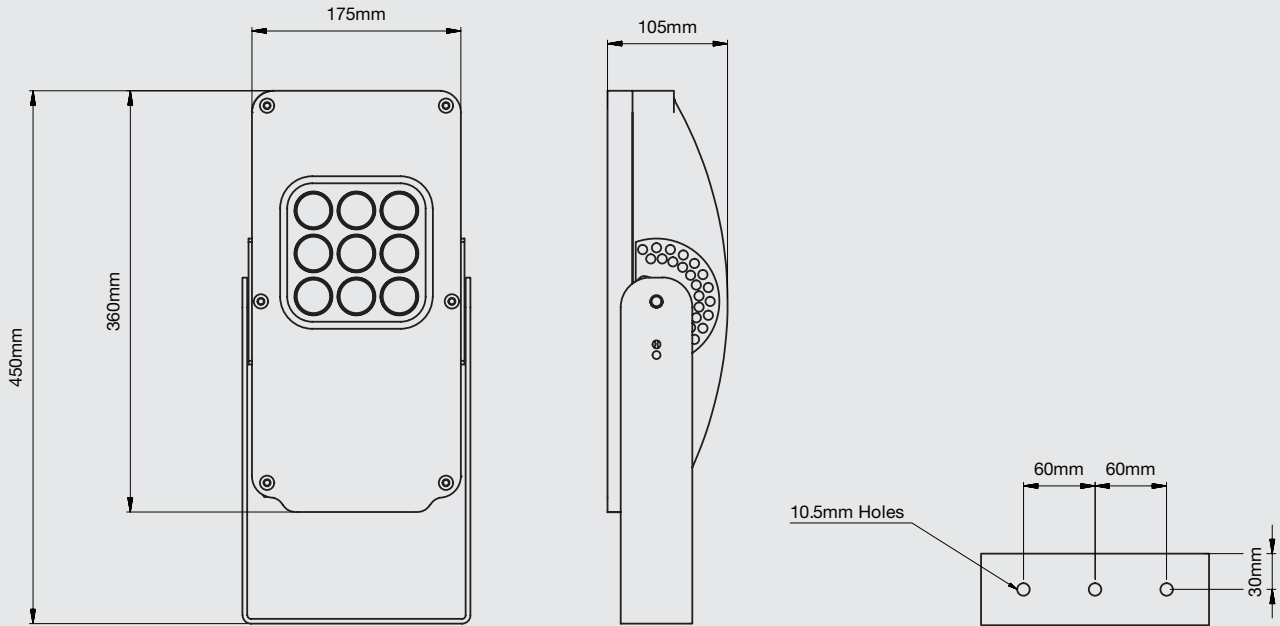
### Features

- Lightweight, robust and vibration resistant design
- High Light output, 3000 lm
- Instant Strike
- Robust, marine grade corrosion resistant alloy enclosure
- Universal 90V to 264V ac voltage range





## Dimensions



## Technical Specification

Application	Oil & Gas, Petro-Chemical, Marine
Ingress Protection	IP66
Operating Temperature	-20°C to +40°C
Weight	5.5 Kg
Light Source	High Output LED
Light Output	3000 lm
Colour Temperature	5700 K
Colour Rendering Index (CRI)	>70
Input Voltage	90V - 264V ac
Current Consumption	200mA @230Vac
Enclosure Material	LM6 Alloy
Estimated Life	> 75,000 hours

### Part Number

Type	Beam Pattern	Cable Entries
LFS3	(N) Narrow	(1) 2 x M20
	(M) Medium	(2) 2 x 1/2" NPT
	(W) Wide	

Example LFS3-M-1

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