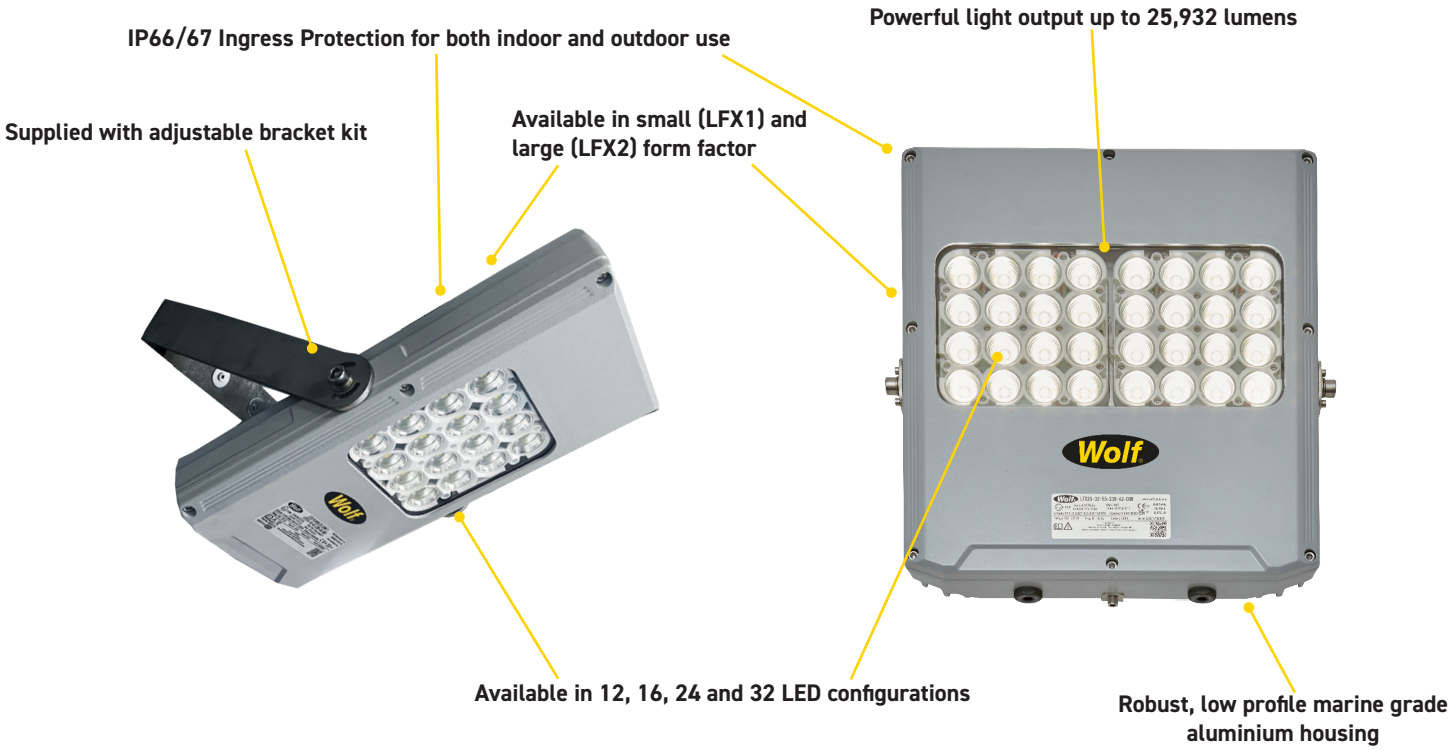
LFX FLOODLITE™

WITHOUT COMPROMISE

LFX FLOODLITE™ ZONES 1 2 21 22

PRODUCT INFORMATION

The LFX range of high-powered Hazardous Area LED installed floodlights is ideal for safely illuminating large Hazardous Areas that need wide, even light coverage. It is ATEX and IECEx certified for safe use in Zones 1 and 2 gas, and 21 and 22 dust potentially explosive atmospheres. The range is available with 12 or 16 LEDs in the LFX1 (small) housing; and 24 or 32 LEDs in the LFX2 (large) housing, along with 4 different beam angles to suit a wide range of applications. IP66/67 certified, and with a full range of fixing accessories, LFX Floodlites are ideal for both indoor and outdoor use.



FEATURES & BENEFITS

LIGHT OUTPUT

- Options for light output from 6,483 lumens to 25,932 - allowing you to choose according to your specific light level requirements
- Available in beam angles 36°, 45°, 62° and 102° - allow the light to be directed where needed
- 5000K white light for bright, crisp lighting that's ideal for general work area illumination

CERTIFICATIONS/SPECIFICATIONS

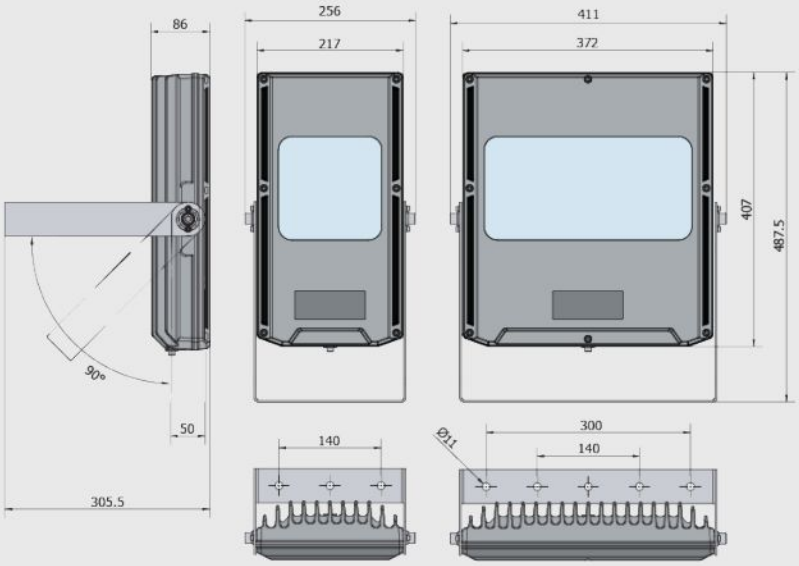
- ATEX and IECEx certified for use in Zones 1/2 potentially explosive gas and Zones 21/22 potentially explosive dust atmospheres
- T4 temperature class
- An IP66/67 rating means the LFX Floodlite™ is suitable for both indoor and outdoor use
- With all models having a lower ambient limit of - 50°C and high temperature versions up to +65°C being available, the LFX range is ideal for even the most extreme environments

FEATURES

- Simple design ensures quick and easy installation
- 4 versions available; in 2 sizes - Small and Large - and 12/16 or 24/32 LED arrays
- Available as 110V and 230V versions
- A robust and durable aluminium body with toughened glass ensure long life and resistance to damage
- Ultra long life LEDs, configured to give 100,000+ hours life
- 5 year warranty
- IES files available upon request

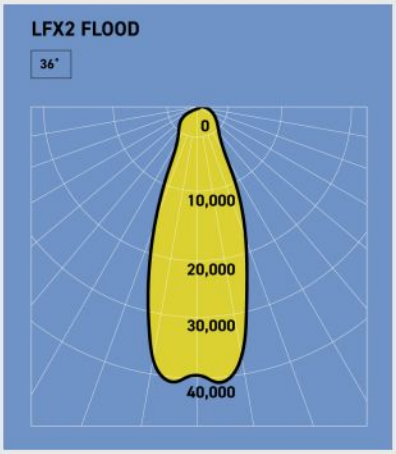
PRODUCT DIMENSIONS

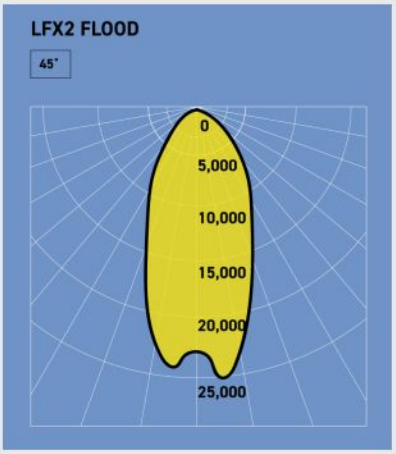
LFX FLOODLITE™

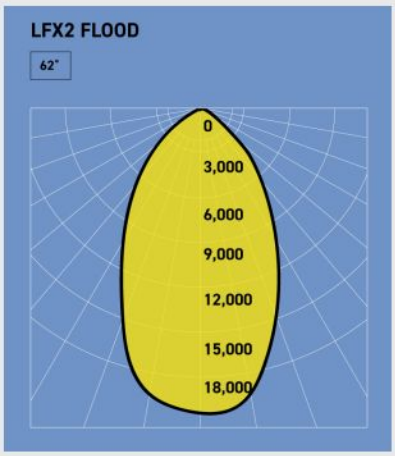


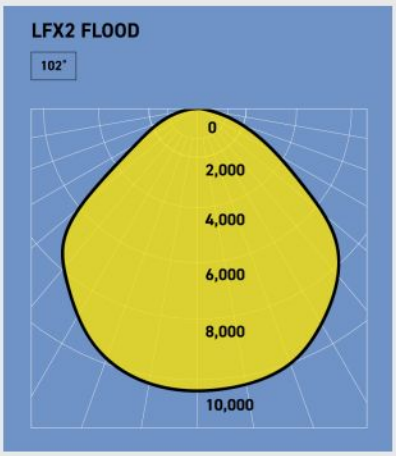
LIGHT OUTPUT DIAGRAM

Light output diagrams are shown for LFX Floodlite™ models with **32** LEDs (LFX2S-32-XX).









LFX FLOODLITE™ TECHNICAL TABLE

LFX FLOODLITE™								
Product Reference	LFX1S-12-55	LFX1S-12-65	LFX1S-16-45	LFX1S-16-55	LFX2S-24-50	LFX2S-24-60	LFX2S-32-50	LFX2S-32-55
Code	II 2 G Ex eb mb IIC T4 Gb II 2 D 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 or 180 - 277V AC							
Input Power	67.5W	45W	90W	60W	135W	90W	180W	120W
Frequency	50 - 60 Hz							
Power Factor	>0.90							
Enclosure Size	Small				Large			
Lumen Output (Max)*	9,724	6,483	12,996	8,644	19,449	12,996	25,932	17,288
LEDs	12 LED	12 LED	16 LED	16 LED	24 LED	24 LED	32 LED	32 LED
Beam Angles	Narrow (36°), Medium (45°), Wide (62°), Ultra Wide (102°)							
Ingress Protection	IP66/67 (depending on gland fitted)							
Gas Temp. Class	T4							
Dust Surface Temp.	110°C							
Lower Temp. Limit	-50°C							
Upper Temp. Limit	55°C	65°C	45°C	55°C	50°C	60°C	50°C	55°C
Weight	9.5kg				15.5kg			
Colour Temperature	5000K							

*Lumen output figures stated are for 230V AC, obtained through industry-standard testing procedures.

LFX2S-32-55-230 is restricted to 53°C and LFX2S-32-50-230 is restricted to 46°C ambient temperatures when uplighting.

LFX2S-32 products must not be mounted with the cable entry at the top. Further optons are available, please contact Wolf Safety for more information.

LFX1S-12 units are not provided with through wiring unless specified by the customer.

Wolf Safety Lamp Company