

## PRODUCT INFORMATION

The LFX range of high power hazardous area LED installed floodlights is ideal for safely illuminating large hazardous areas that need wide, even, light coverage. ATEX, IECEx and UKCA certified for safe use in potentially explosive atmospheres Zones 1 and 21, 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. IP67 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, IECEx and UKCA certified for gas Zone 1 and Dust Zone 21  
T4 temperature class  
An IP67 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

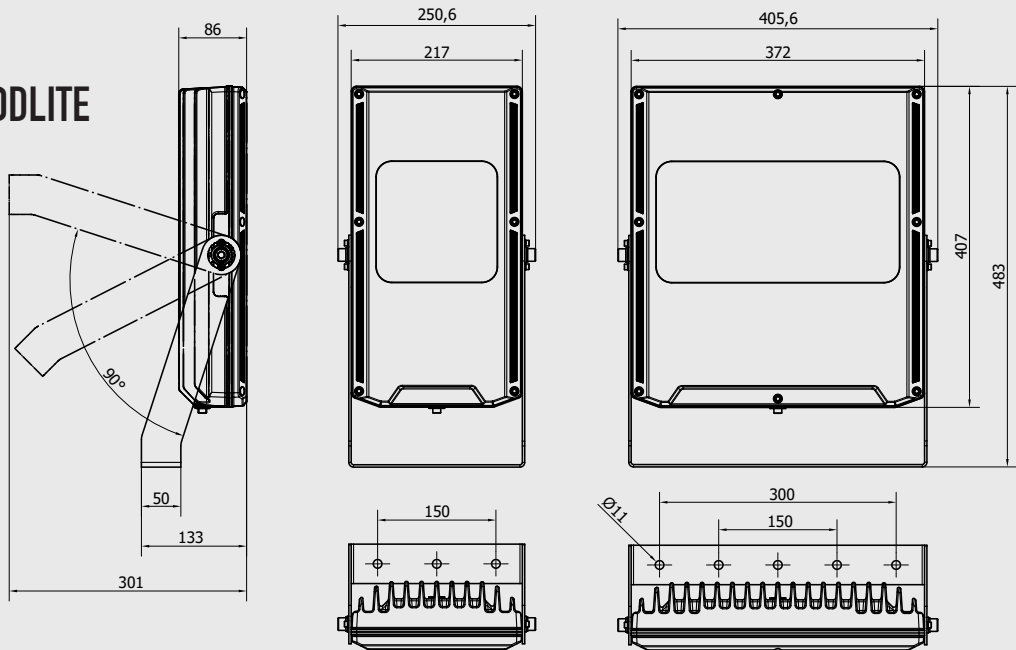
### FEATURES

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 strengthened 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

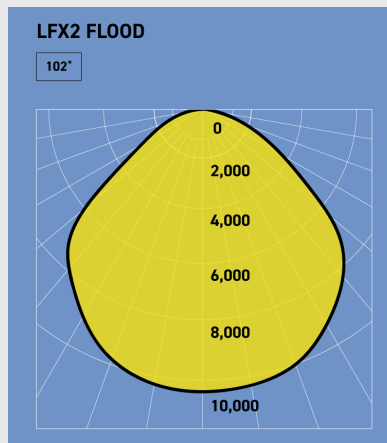
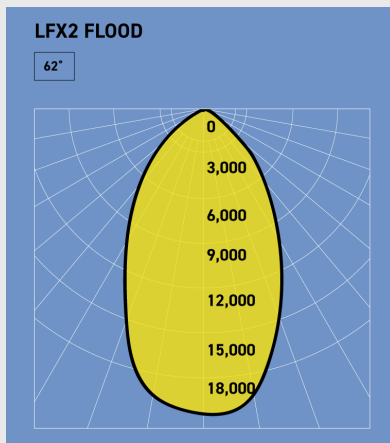
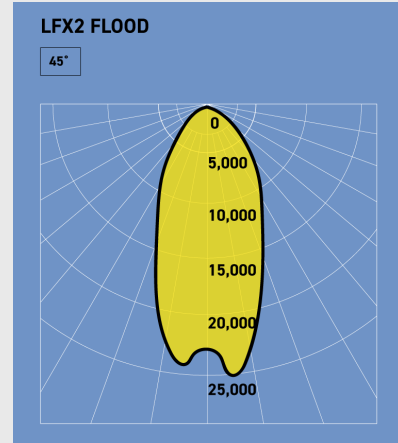
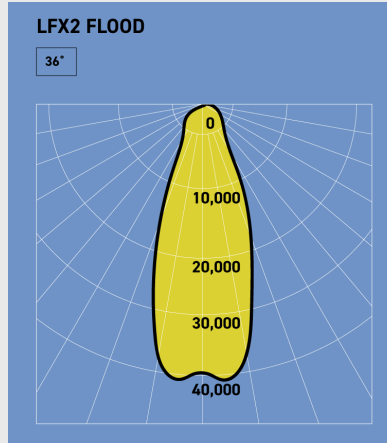
# TECHNICAL INFORMATION

## PRODUCT DIMENSIONS

### LFX FLOODLITE



## LIGHT OUTPUT DIAGRAM



# LFX FLOODLITE TECHNICAL TABLE

LFX FLOODLITE								
PRODUCT REFERENCE	LFX2S -32-50	LFX2S -32-55	LFX2S -24-50	LFX2S -24-60	LFX1S -16-45	LFX1S -16-55	LFX1S -12-55	LFX1S -12-65
<b>Code</b>	II 2 G D Ex eb mb IIC T4 Gb Ex tb IIIC T110 °C Db							
<b>Certificate</b>	ExVeritas 19 ATEX 0586X / IECEx EXV 19.0079X / ExVeritas 21 UKEX 0939X							
<b>Input Voltage Range</b>	180-277V AC	88-140V AC; 180-277V AC	180-277V AC	88-140V AC; 180-277V AC	180-277V AC	88-140V AC; 180-277V AC	180-277V AC	88-140V AC; 180-277V AC
<b>Input Power</b>	180W	120W	135W	90W	90W	60W	67.5W	45W
<b>Frequency</b>	50 - 60 Hz							
<b>Power Factor</b>	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.90	>0.90
<b>Enclosure Size</b>	Large				Small			
<b>Lumen Output (Max)*</b>	25,932	17,288	19,449	12,996	12,996	8,644	9,724	6,483
<b>LEDs</b>	32 LED	32 LED	24 LED	24 LED	16 LED	16 LED	12 LED	12 LED
<b>Beam Angles</b>	Narrow (36°), Medium (45°), Wide (62°), Ultra Wide (102°)							
<b>Ingress Protection</b>	IP67							
<b>Gas Temp. Class</b>	T4							
<b>Dust Surface Temp.</b>	110°C							
<b>Lower Temp. Limit</b>	-50°C							
<b>Upper Temp. Limit</b>	50 °C	55 °C	50 °C	60 °C	45°C	55 °C	55 °C	65 °C

\*Lumen output figures stated are for 230V AC

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request. E&OE.



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