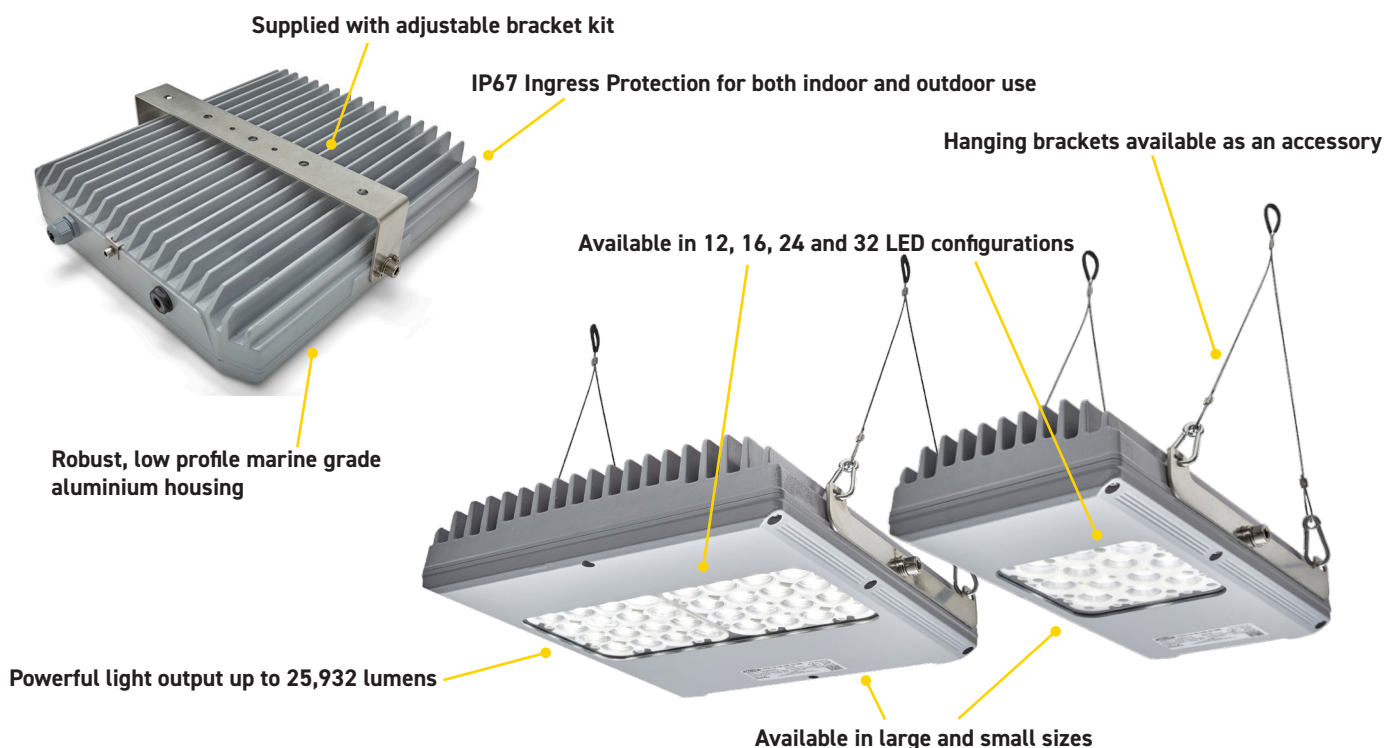


LHX HIGHBAY ZONES **1** **2** **21** **22**

## PRODUCT INFORMATION

The LHX Installed LED Highbay 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 UKEX certified to Zones 1 and 21, these high powered, ceiling mounted lamps have a lumen output of up to 25,932 lumens and are IP67 rated making them perfect for both indoor and outdoor use. Four versions are available, in two sizes, LHX1 (small) and LHX2 (large) and 12/16 or 24/32 LED configurations.



## 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 32°, 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 UKEX certified for gas Zone 1 and Dust Zone 21
- T4 temperature class
- An IP67 rating means the LHX Floodlight 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 LHX range is ideal for even the most extreme environments

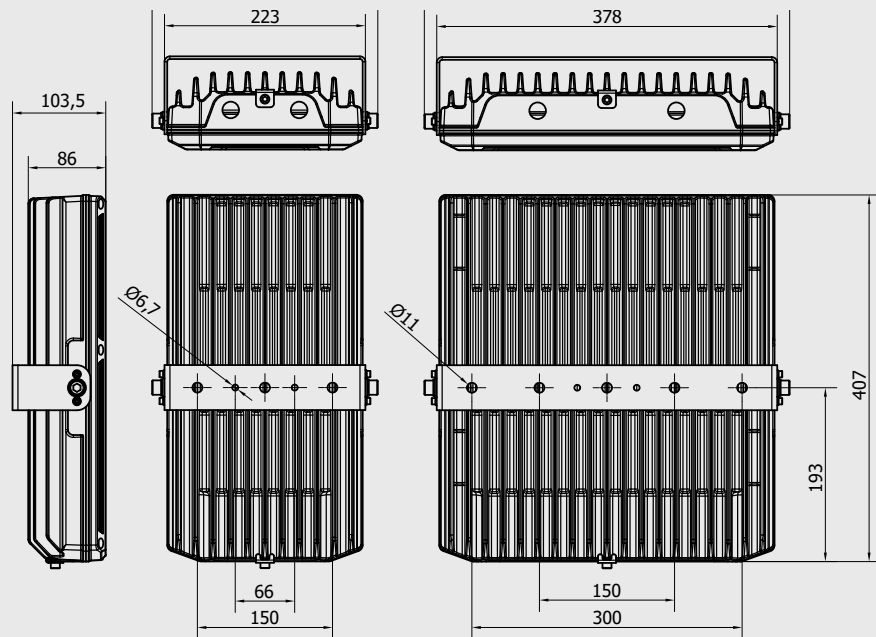
### FEATURES

- Simple design ensures quick and easy installation
- 4 versions available; in 2 sizes - Small (LHX1) and Large (LHX2) - 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

# TECHNICAL INFORMATION

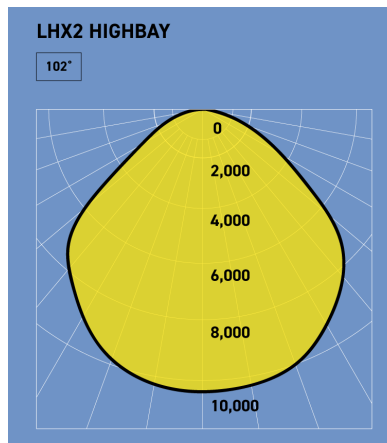
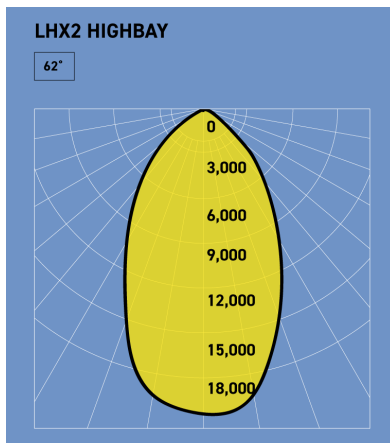
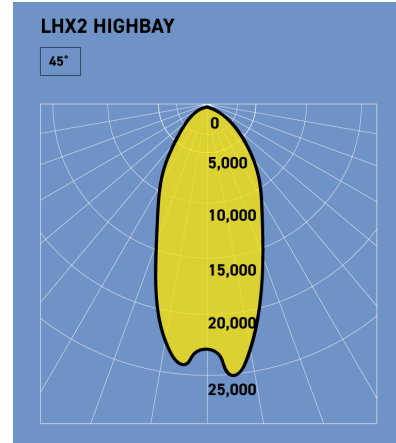
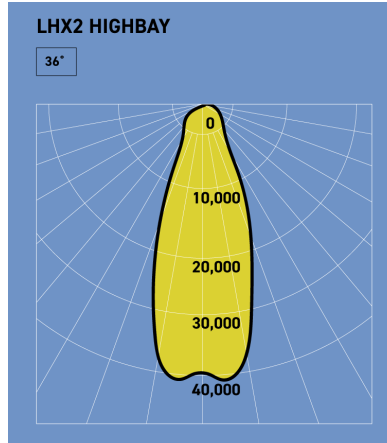
## PRODUCT DIMENSIONS

### LHX HIGHBAY



## LIGHT OUTPUT DIAGRAM

Light output diagrams are shown for LHX Highbay models with 32 LEDs (LHX2S-32-XX)



# LHX HIGHBAY TECHNICAL TABLE

LHX HIGHBAY								
PRODUCT REFERENCE	LHX1S-12-55	LHX1S-12-65	LHX1S-16-45	LHX1S-16-55	LHX2S-24-50	LHX2S-24-60	LHX2S-32-50	LHX2S-32-55
<b>Code</b>	II 2 G Ex eb mb IIC T4 Gb II 2 D Ex tb IIIC T110°C Db							
<b>Certification</b>	ExVeritas 19 ATEX 0586X / IECEx EXV 19.0079X / ExVeritas 21 UKEX 0939X							
<b>Input Voltage Range</b>	88-140V AC or 180-277V AC							
<b>Input Power</b>	67.5W	45W	90W	60W	135W	90W	180W	120W
<b>Frequency</b>	50 - 60 Hz							
<b>Power Factor</b>	>0.90							
<b>Enclosure Size</b>	Small				Large			
<b>Lumen Output (Max)*</b>	9,724	6,483	12,996	8,644	19,449	12,996	25,932	17,288
<b>LEDs</b>	12 LED	12 LED	16 LED	16 LED	24 LED	24 LED	32 LED	32 LED
<b>Beam Angles</b>	Narrow (36°), Medium (45°), Wide (62°) or Ultra Wide (102°)							
<b>Ingress Protection</b>	IP66/67 (depending on gland fitted)							
<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>	55°C	65°C	45°C	55°C	50°C	60°C	50°C	55°C
<b>Weight</b>	9.5kg				15.5kg			
<b>Colour Temperature</b>	5000K							

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

LHX2S-32 products must not be mounted with the cable entry at the top. Further options are available, please contact Wolf Safety for more information.

LHX1S units are not provided with through wiring unless specified by the customer.



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