# LINKEX™ WF-250XL & WF-300XL LED FLOODLITE ™

WITHOUT COMPROMISE

**WF-250XL & WF-300XL** ZONES 1 2 21 22

## PRODUCT INFORMATION

### WF-250XL

The LinkEx™ WF-250XL LED Floodlite™ is designed to give the optimum level of light for working in smaller Hazardous Areas and confined spaces from its innovative and patented light engine. Ideal for 24 volt applications and in situations with a limited power supply, up to 8 WF-250XL Floodlites can be used from just one 400VA Wolf transformer.

### WF-300XL

The LinkEx™ WF-300®XL LED Floodlite™ is a high performance, robust, lightweight and portable ATEX LED floodlight for use in potentially explosive atmospheres. With its innovative and patented light engines, it delivers an outstanding level of white light that is ideal for small teams completing tasks requiring perception of fine details or inspection.

WF-300XL

WF-250XL




WF-250XL

WF-300XL

## KEY INFORMATION

### WOLF WF-250XL & WF-300XL FLOODLITES

**LIGHT OUTPUT / POWER**

- Availabe in HV (High Voltage) 90-264V AC/DC and Low Voltage (LV) 18-50V AC/DC models

**CERTIFICATION**

- Fully compliant with latest ATEX and IECEx standards
- IP66/67 dust and watertight

**FEATURES**

- Innovative patented light engine
- Highly reliable LEDs
- Designed and tested to give 100,000+ hours life
- LED life assured by efficient heat dissipation through built in fins and electronic control
- Effective work area illumination when using a limited power source
- A perfect task light to complement Wolf's range of LinkEx™ LED area lights
- LINKEx™ capable - both LV and HV models of each floodlight can be fitted with linkable sockets.
- SOVI™ - Wolf's unique Safe Optimal Voltage Indicator system alerts the user if lights are running outside certified and optimal voltage ranges, maximising safety
- Safe to 0 volts – both LV and HV units are safe down to 0 volts
- Proven materials designed for environments with a high risk of mechanical damage:
  - Marine grade aluminium enclosure
  - Toughened, scratch, impact and chemical resistant glass lens
  - 316 stainless steel frame.
  - Easy to clean, doesn't harbour dirt

### WF-250XL

**LIGHT OUTPUT / POWER**

- Up to 4,788 lumens

**FEATURES**

- Ideal light output for smaller confined spaces - with reduced glare and shadows
- LINKEx™ capable - Up to 8 LV lights can be connected to one Wolf 400VA transformer
- Small, lightweight and compact - easy to carry

### WF-300XL

**LIGHT OUTPUT / POWER**

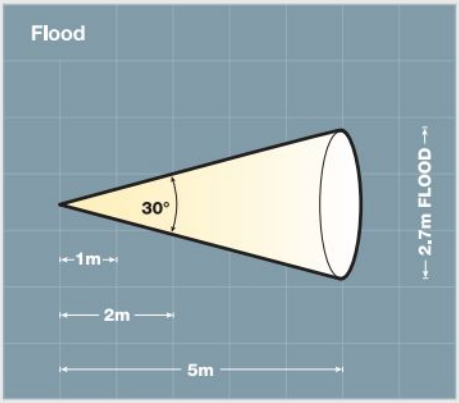
- Up to 9,576 lumens

**FEATURES**

- Dual independent LED system – LEDs powered by independent drivers giving failsafe product reliability
- LINKEx™ capable - up to 4 LV lights can be connected to one Wolf 400VA transformer

# TECHNICAL INFORMATION

## LIGHT OUTPUT DIAGRAM



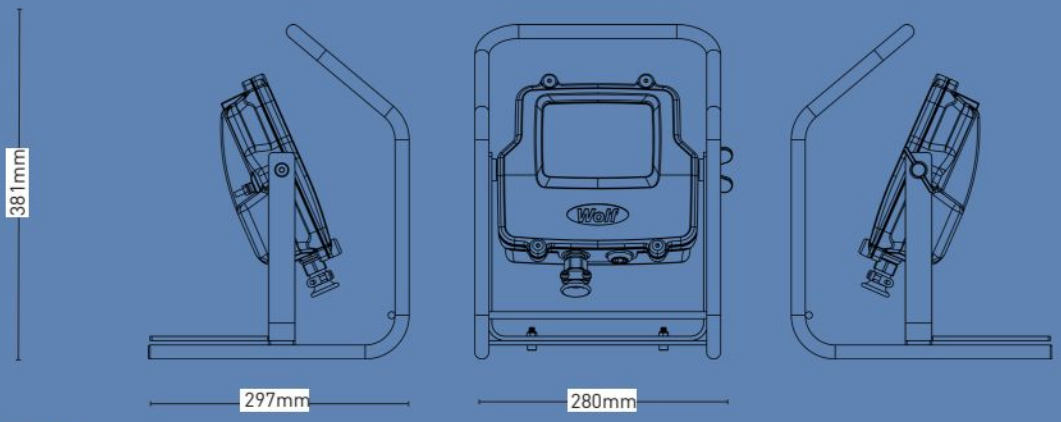

## LUX DATA

**WF-250XL:** Up to 4,788 lumens, 1,630 lux @ 2m, 250 lux @ 5m

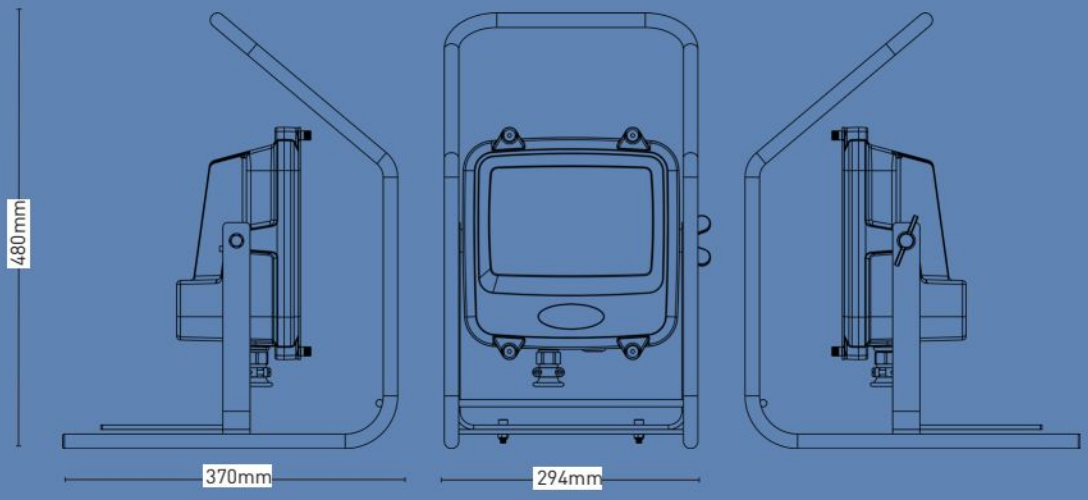
**WF-300®XL:** Up to 9,576 lumens, 3,573 lux @ 2m, 572 lux @ 5m

## PRODUCT DIMENSIONS

### WF-250XL




### WF-300XL



# ATEX/IECEX LINKEX™ FLOODLITE

| PRODUCT REFERENCE | | WF-250XL | | WF-300®XL | |
|---|---|---|---|---|---|
| PRODUCT DESCRIPTION | | LinkEx™ LED Floodlite | | LinkEx™ LED Floodlite | |
| CODE | | II 2 G D Ex eb mb IIC T4 Gb<br>Ex tb IIIC T118°C Db | | II 2 G D Ex eb mb IIC T4 Gb<br>Ex tb IIIC T118°C Db | |
| TYPE OF PROTECTION | | 'eb' increased safety 'mb' encapsulation 'tb' enclosure protection | | | |
| AREA OF CLASSIFICATION (GAS) | | Zones 1 and 2, Gas Groups IIA, IIB and IIC | | | |
| TEMPERATURE CLASSIFICATION | | T4 | | | |
| AREA OF CLASSIFICATION (DUST) | | Zones 21 and 22, Dust Groups IIIA, IIIB and IIIC | | | |
| MAX. SURFACE TEMPERATURE (DUST) | | T118°C | | | |
| AMBIENT TEMPERATURE | | -40°C to +55°C | | | |
| CERTIFICATE | | CML 18ATEX3372X<br>IECEx CML 18.0198X | | | |
| VOLTAGE | | 18-50V AC/DC | 90-264V AC/DC | 18-50V AC/DC | 90-264V AC/DC |
| POWER | | 28w | 31w | 55w | 62w |
| ENCLOSURE | | Marine grade aluminium alloy, epoxy powder coated | | | |
| LENS | | Toughened Glass | | | |
| BEAM TYPE | | Medium Flood | | | |
| LIGHT SOURCE: | TYPE | 18 x White High Power LEDs | | 36 x White High Power LEDs | |
| | LIFE | 100,000+ hrs | | | |
| | OUTPUT AT LED SOURCE (LUMENS) | Up to 4,788 | | Up to 9,576 | |
| WEIGHT | | 5.4kg (excluding cable) | | 7.3kg (excluding cable) | |
| INGRESS PROTECTION | | IP66/67 | | | |
| INCLUDED | | Supplied with bridle and lamp stand | | | |

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.

Wolf®

Wolf Safety Lamp Company

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