

## Wolf® LINKEX™ WF-300XL Ex-Proof LED FLOODLITE

**Article Number:** 08020520

The LinkEx™ WF-300@XL LED Floodlite is a high-performance, durable, and portable ATEX LED floodlight designed for use in potentially explosive environments. It features an innovative patented light engine, providing excellent white light output, and complies with the latest ATEX and IECEx standards, including OP IS (optical intrinsic safety).



### Certification

- The LinkEx™ WF-300@XL LED Floodlite is a high-performance, durable, and portable ATEX LED floodlight.
- Designed for use in potentially explosive atmospheres.
- Features an innovative and patented light engine for optimal performance.
- Provides an outstanding level of white light output.
- Fully compliant with the latest ATEX and IECEx standards.
- Includes OP IS (optical intrinsic safety) certification for enhanced safety.
- IP66/67 rated for dust and water resistance.
- Complies with the EN60079-0, EN60079-7, EN60079-18 and EN60079-31 standards.
- Gas Groups IIA, IIB and IIC  
Ex eb mb IIC T4 Gb  
Ex tb IIIC T118°C Db  
Ta= -40°C to +55°C or  
Ta= -40°C to +40°C when the optional protective cover is fitted.

### Standards



Ex-Proof (ATEX)



IECEx



CE 0598

# TECHNICAL DETAILS

- High-reliability LEDs designed and tested to last 100,000+ hours.
- Patented light engine for optimal performance.
- Efficient thermal management ensures LED lifespan through built-in fins and electronic control.
- Dual independent LED system for failsafe reliability, ensuring continuous light.
- Safe to 0 volts for both LV and HV units.
- LINKEx capable – HV units can be fitted with linkable sockets to connect multiple lights from a single power source.
- Durable construction with marine-grade aluminum, scratch, impact, and chemical-resistant glass lens, and 316 stainless steel frame.
- Easy to clean and resistant to dirt, designed for high-risk environments.
- Complements the LinkEx™ LED Temporary Luminaire area lighting system.

LINKEX™ WF-300XL LED FLOODLITE	
Product Reference	WF-300XL
Product Description	LinkEx™ LED Floodlite
Code	II 2 G D Ex eb mb IIC T4 Gb Ex tb IIIC T118°C Db
Type of Protection	'eb' increased safety 'mb' encapsulation 'tb' enclosure protection
Area of Classification	Zones 1 and 2, Gas Groups IIA, IIB and IIC
Temp. Classification	T4
Area of Classification (Dust)	Zones 21 and 22, Dust Groups IIIA, IIIB and IIIC
Max Surface Temp (Dust)	T118°C
Ambient Temperature	-40°C to +55°C
Certificate	CML 18ATEX3372X IECEX CML 18.0198X

<b>Voltage</b>		18-50V AC / DC	90-264V AC / DC
<b>Power</b>		55w	62w
<b>Enclosure</b>		Marine grade aluminium alloy, epoxy powder coated	
<b>Lens</b>		Toughened Glass	
<b>Beam Type</b>		Medium Flood	
<b>Light Source</b>	<b>Type</b>	36 x White High Power LEDs	
	<b>Life</b>	100,000+ hrs	
	<b>Output at LED Source (Lumens)</b>	Up to 9,576	
<b>Weight</b>		7.3kg (excluding cable)	
<b>Ingress Protection</b>		IP66/67	
<b>Accessories</b>		Supplied with bridle and lamp stand	

