

## Wolf® LINKEX™ WF-250XL LED FLOODLITE

The LinkEx™ WF-250XL LED Floodlite™ provides optimal lighting for smaller hazardous area confined spaces using its innovative and patented light engine. It is ideal for 24V applications with limited power supply, allowing up to 8 ATEX LED floodlights to be used in different strings from a single Wolf transformer.

### Certification

- Certified for safe use in Zone 1, T4, IIC hazardous gas, vapour, mist, or dust environments.
- Suitable for ambient temperatures from -40°C to +55°C.
- The LinkEx™ WF-250XL LED Floodlite™ provides optimal light for smaller Hazardous Areas and confined spaces.
- It uses an innovative and patented light engine.
- Ideal for 24V applications.
- Perfect for situations with a limited power supply.
- Up to 8 WF-250XL Floodlites can be powered by a single 400VA Wolf transformer.
- Complies with the EN60079-0, EN60079-7, EN60079-18 and EN60079-31 standards.
- Groups IIA, IIB and IIC
- EX II 2 G D
- 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

- Innovative light engine: Patented design for optimal performance.
- LED light output:
  - HV: 4,334 lumens (source), 3,189 lumens (emitted)
  - LV: 4,224 lumens (source), 3,065 lumens (emitted)
- Ideal for confined spaces: Minimal glare and shadows for better visibility.
- Long lifespan: LEDs last 100,000+ hours with efficient heat dissipation.
- Energy efficient: Low power consumption (HV: 31W, LV: 28W).
- Connection flexibility: Up to 8 lights can be powered from one transformer.
- Durable construction:
  - Marine grade aluminium, toughened glass lens, 316 stainless steel frame.
  - Easy to clean, resistant to dirt, scratches, impact, and chemicals.
- Water and dust resistant: IP66/67 rating for tough environments.
- Compliant with ATEX & IECEx standards including optical intrinsic safety.

LINKEX™ WF-250XL LED FLOODLITE	
PRODUCT REFERENCE	WF-250XL
PRODUCT DESCRIPTION	LinkEx™ LED Floodlite
CODE	II 2 G D Ex eb mb op is IIC T4 Gb Ex tb op is 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

<b>CERTIFICATE</b>		CML 18ATEX3372X IECEX CML 18.0198X	
<b>VOLTAGE</b>		18-50V AC / DC	90-264V AC / DC
<b>POWER</b>		28w	31w
<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>	18 x White High Power LEDs	
	<b>LIFE</b>	100,000+ hrs	
	<b>OUTPUT AT LED SOURCE (LUMENS)</b>	Up to 4,788	
<b>WEIGHT</b>		5.4kg (excluding cable)	
<b>INGRESS PROTECTION</b>		IP66/67	
<b>ACCESSORIES</b>		Supplied with bridle and lamp stand	

