

Wolf® WL-80/WL-85 Ex-proof LED MINI WORKLITE™



The Worklite™ is a rechargeable, high-output LED floodlight with ATEX, IECEx, and UKEX certifications. It is designed for harsh, remote environments, providing long-lasting light. It is CE marked for safe use in explosive gas, vapour, mist, and dust atmospheres in Zones 1, 2, 21, and 22, with a T4 temperature class.

Certification

- ATEX, IECEx, and UKEX approved for Zone 1/21 explosive gas and dust atmospheres
- IP Rating: certified to both IP66 and IP67, making the Worklite™ dust tight and protected against powerful water jets and immersion up to 1 meter for 30 minutes.
- Complies with EN IEC 60079-0, EN IEC 60079-7, EN 60079-11, EN 60079-18 and IEC 60079-31
- EX II 2 GD Ex eb ib mb IIC T4
Gb Ex tb IIIC T135°C Db

Technical Specifications

- **Ambient Approved:** -20°C to +40°C
- **Light Output**

Up to 3,762 lumens at source

High power white LED with piercing spot beam and flood of lower-level fringe light

LED light source with 100,000+ hours life

- **Light Duration**

WL-80: 10 hours (full power) / 18 hours (half power)

WL-85: 21 hours (full power) / 40 hours (half power)

- **Features**

Toughened glass lens with easily replaceable lens guards

Robust and durable construction

Rechargeable high capacity battery with mains charger (100 to 254Vac) and state of charge indication

2 power levels (high/low) for user selection based on task

Tilt adjustment within frame for directing light

Standards



Ex-Proof (ATEX)



IECEX



CE 0598

TECHNICAL DETAILS

WL-80 / WL-85 ŞARJ EDİLEBİLİR BATARYALI PROJEKTÖR ATEX/IECEX LED WORKLITE™		
PRODUCT REFERENCE	WL-80	WL-85
PRODUCT DESCRIPTION	High Power Rechargeable Battery Worklite™ 18 LED	
Code	II 2 GD Ex e ib IIC T4 Gb Ex tb IIIC T135°C Db	
Type of Protection	'e' Increased Safety, 'ib' Intrinsic Safety, 'mb' Encapsulation, tb Enclosure Protection	
Area of Classification (Gas)	Zones 1 and 2, Gas Groups IIA, IIB, IIC	
Temp. Classification (Gas)	T4	
Area of Classification (Dust)	Zones 21 and 22, Dust Groups IIIA, IIIB, IIIC	
Max Surface Temp. (Dust)	T135°C	
Ambient Temperature	-20°C to +40°C	
Certificate	CML 18ATEX3373X, IECEX CML 18.0199X, CML 21UKEX3646X	
Enclosure	Stainless Steel with Aluminium LED Lamp Head	

Lens		Toughened Glass Lens Supplied with 3 Anti-static Lens Guards	
Beam Type		Spot Beam with a Flood of Low Level Fringe Light	
LIGHT SOURCE	TYPE	High Power LED	
	POWER/OUTPUT	18 x High Power LEDs / Up to 3100 lm at source	
	LIFE	100,000hrs+ (Fitted for Life)	
Power Source	PART NO	W-218	W-235
	BATTERY TAPE	Rechargeable Battery, Sealed Gel Lead Acid	
	VOLTS	12V	
	CAPACITY	18Ah	35Ah
	LIFE	Up to 500 Recharge Cycles	
Low Battery Indicator		Yes	
Light Duration - High / Low		Up to 15hrs / 22hrs	Up to 21hrs / 40hrs
Ingress Protection		IP66 and IP67* to IEC60529	
Weight (Inc. battery)		16.5kg	23kg
Charger Input		100 - 254 Vac	
Recharge Time		8hrs	12hrs
* Being certified to both IP66 and IP67, the Worklite™ is "dust tight" and protects against powerful water jets and immersion up to 1 metre			