

Wolf® WL-50/WL-50HT ATEX/IECEX LED MINI WORKLITE™



The WL-50 Worklite is a lightweight, high-performance portable light, weighing just over 9 kg powerful illumination. It features a rugged, powder-coated die-cast aluminum construction, and is ATEX and IECEx certified for use in hazardous environments (Zones 1, 2, 21, and 22). The WL-50 is designed for harsh industrial and offshore use, offering exceptional durability, flexibility, and safety in potentially explosive atmospheres.

- Robust aluminium construction
- Toughened glass lens with optional disposable lens guard
- 2 power levels
- Adjustable angle
- Rechargeable high-capacity battery, fully managed
- State of charge LED indicator
- Supplied with a mains charger (100-254Vac)
- Compatible with Wolf tripods and Magnetic Bracket kits
- Certified anti-static protection kits available

Certification

- **Safety Certified:** ATEX, IECEx certified for Zones 1 and 2 Hazardous Areas.
- **OP IS Compliant**, meeting operational integrity standards.
- **Dust Protection:** Zones 21 and 22 dust atmospheres, ensuring safety in hazardous environments.
- **IP Rating:** Certified to IP66 & IP67, dust-tight and protected against powerful water jets and immersion up to **1 meter**.
- 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 Temperature:**
WL-50: -20°C to +45°C
WL-50HT: -20°C to +50°C

- **Light Output:**
3,100 lumens at source, high-power white LED with piercing spot beam and flood of lower-level light.
- **LED Life:**
100,000+ hours of service life, "fitted for life."
- **Light Duration:**
Up to 5 hours on full power, up to 10 hours on half power.

Standards



Ex-Proof (ATEX)



IECEX



CE 0598

TECHNICAL INFORMATION

WL-50/WL-50HT ATEX/IECEX LED MINI WORKLITE		
PRODUCT REFERENCE	WL-50	WL-50HT
PRODUCT DESCRIPTION	High Power Rechargeable Battery Worklite™	
Code	II 2 GD Ex eb ib mb IIC T4 Gb Ex tb IIIC T135°C Db	
Type of Protection	'eb' 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 +45°C	-20°C to +50°C
Certificate		CML 18ATEX3373X IECEX CML 18.0199X	
Enclosure		Die Cast Aluminium	
Lens		Toughened Glass Lens	
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-3200	W-3200
	BATTERY TAPE	Rechargeable Battery, Sealed Gel Lead Acid	
	VOLTS	12V	
	CAPACITY	10Ah	9Ah
	LIFE	Up to 200 Recharge Cycles	
Low Battery Indicator		Yes	
Light Duration - High / Low		Up to 5hrs / 10hrs	Up to 4.5hrs / 9hrs
Ingress Protection		IP66 and IP67* to IEC60529	
Weight (inc. battery)		9.3kg	

Charger Input	100 - 254 Vac
Recharge Time	8hrs

* Being certified to both IP66 and IP67, the Worklite™ is "dust tight" and protects against powerful water jets and immersion up to 1 metre



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