

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 DETAILS

| 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