# UPDATED WOLFLITE H-251ALED RECHARGEABLE HANDLAMP

WITHOUT COMPROMISE

**H-251ALED** ZONES 1 2 21 22

## PRODUCT INFORMATION

The newly updated in 2021 Wolflite® H-251ALED primary cell powered LED safety handlamp has been CE marked in compliance with the 2014/34/ EU explosive atmospheres ATEX directive and UKCA marked in compliance with UKSI 2016/1107 UKEX Statutory Instument, for use in a wide range of potentially explosive gases, vapours, mists and dusts.




**LIGHT OUTPUT/DURATION/POWER**

- New long life LED light source with 210 lumens measured at source
- 18 hrs battery life from a single charge

**CERTIFICATION**

- Certified for ATEX, IECEx & UKEX. Zones 1, 2, 21 and 22
- CE and UKCA marked
- -10°C to +40°C temperature ambient
- T4 temperature class
- IP66 ingress protection

**FEATURES**

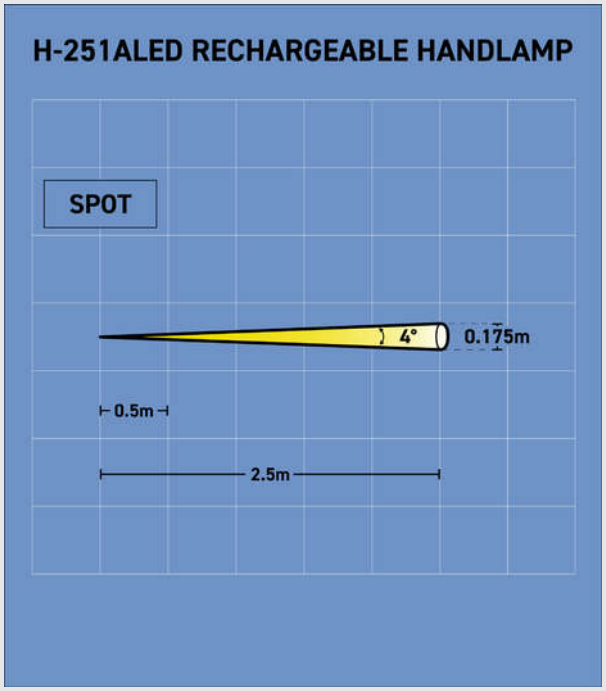
- LED light source gives increased light output and battery duration
- Emergency illumination function illuminates the handlamp if power to the charger fails, highlighting the escape route
- Deep discharge protection protects the battery for permanent damage
- Robust anti-static thermoplastic lamp enclosure
- For use with C-251HV/LV Chargers
- Suitable for cyclic and short term standby applications (for long term see Wolflite XT Rechargeable LED Handlamp and Rechargeable Torch)

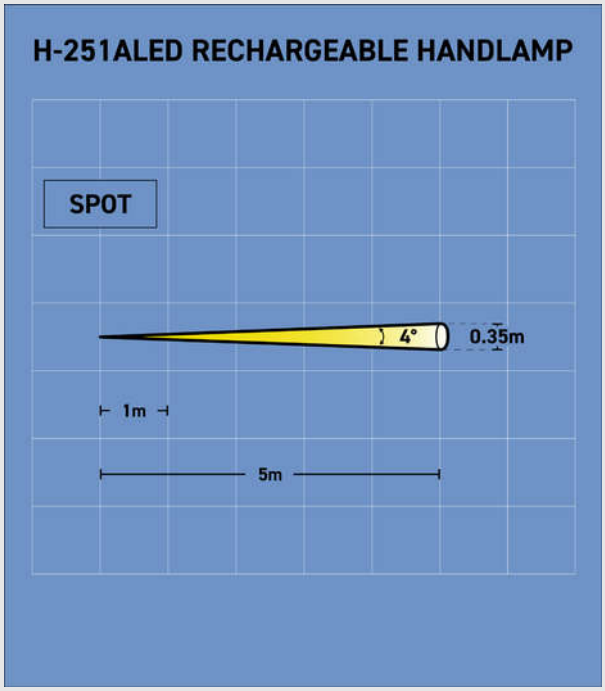



- The H-251ALED has an intense spot beam, with a flood of lower level fringe light

# TECHNICAL INFORMATION

## LIGHT OUTPUT DIAGRAM

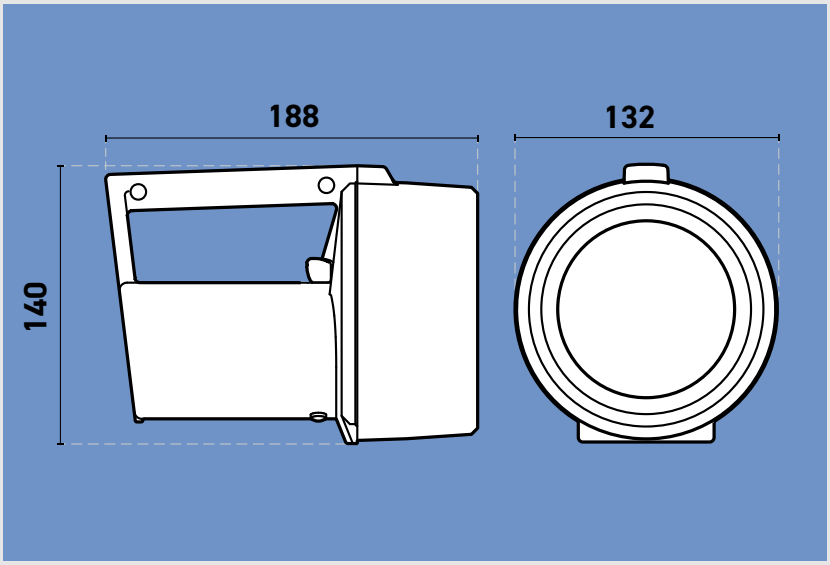



**Spot Beam, approximately 4°, with a flood of lower level fringe light.**

## PRODUCT DIMENSIONS

### H-251ALED




MEASUREMENT mm

| NEW WOLFLITE H-251ALED RECHARGEABLE HANDLAMP | | |
|---|---|---|
| **PRODUCT REFERENCE** | | **H-251ALED** |
| **PRODUCT DESCRIPTION** | | Rechargeable Safety Handlamp |
| **CODE** | **ATEX, IECEx & UKCA** | II 2GD Ex ib IIC T4 Gb (-10°C ≤ Ta ≤ +40°C)<br>Ex ib IIIB T170°C Db*<br>* The revised product approval code confirms compliance to IIIB nonconductive dusts and has a T170°C dust temperature. |
| **TYPE OF PROTECTION** | | "ib" intrinsic safety |
| **AREA OF CLASSIFICATION (GAS)** | | Zones 1 & 2<br>Gas Groups IIA, IIB IIC |
| **TEMPERATURE CLASS (GAS)** | | T4 |
| **AREA OF CLASSIFICATION (DUST)** | | Zones 21 & 22<br>Dust Groups IIIA and IIIB |
| **MAX. SURFACE TEMP. (DUST)** | | 170°C |
| **AMBIENT TEMPERATURE** | | -10°C to +40°C |
| **CERTIFICATE** | **ATEX** | BAS00ATEX2176 |
| | **UKEX** | BAS21UKEX0359 |
| | **IECEX** | IECEx BAS 16.0076 |
| **ENCLOSURE / LENS** | | Thermoplastic, Anti-Static / Toughened Glass (6mm) |
| **BEAM TYPE** | | Spot with fringe light |
| **LIGHT SOURCE** | **PART NUMBER** | H-88 |
| | **TYPE** | High Power LED |
| | **WATTS** | 1.2W |
| | **OUTPUT AT SOURCE** | 210lm |
| | **LIFE** | 25,000 hrs |
| **POWER SOURCE** | **PART NO.** | H-66 |
| | **TYPE** | Rechargeable Battery, Sealed Lead Acid |
| | **VOLTS** | 4V |
| | **CAPACITY** | 5Ah |
| | **LIFE** | Up to 500 recharge cycles |
| **LIGHT DURATION** | | Up to 18 hrs |
| **INGRESS PROTECTION** | | IP66 |
| **WEIGHT (INC. CELLS)** | | 1.84kg |

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request.

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