

## Wolf® HT-650 LED Headlamp

**Article Number:** 08010452

The Wolf HT-650 is a **next-generation** lighting solution with the highest safety standards, developed for both industrial facilities and underground mines. Offered by **IST Safety Ltd**, the **official distributor of Wolf**, this model is the most technologically up-to-date version, optimized for the toughest field conditions.

The product holds the **I M1 (Mining)** certification for firedamp risks in mines, as well as approvals for hazardous gas and dust environments (Zone 0/21). Its powerful LED technology, providing up to 130 lumens, ensures maximum visual safety during hands-free operations in confined spaces and deep mine galleries.



### Usage Areas

- **Mining:** Underground mines, firedamp risk areas, and tunneling works.
- **Oil & Gas:** Refineries, storage facilities, and offshore platforms.
- **Chemical & Petrochemical:** Production lines involving flammable gases and vapors.
- **Industrial Hazardous Areas:** Tank cleaning, maintenance-repair, and confined space entries.

### Certification & Compliance:

- Suitable for use in Zones 0, 1 & 2 (gas) ,Zone 20,21,22 (dust)
- Gas Group: IIA, IIB, IIC
- Temperature Class: T4/T3 (battery dependant)
- Complies with EN IEC 60079-0, EN 60079-11 and EN 60079-28 standards.
- Ex IM1/II 1GD Ex ia op is Ma/IIC T4/T3 Ga  
Ex ia op is IIIB T155°C Da

### Technical Specifications:

- **Light Source:** High-power LED
- **Light Source Lumens):** Up to 130 lm

- **Brightness/Battery Duration:** Up to 17 hours with wide-angle flood for optimum workspace illumination
- **Power Source:** Operates on 3 x 1.5V AA alkaline batteries
- **Weight:** Approximately 0.180 kg
- **Ingress Protection:** IP67

## Warranty and Technical Support

- **Warranty:** 2-year manufacturer's warranty.
- **Official Support:** Original spare parts and professional technical service are provided through IST Safety Ltd, the official distributor of Wolf in Turkey.

## Standards



Ex-Proof (ATEX)



IECEX



CE 0598



UKEX

## TECHNICAL DETAILS

|                                      |                   |  |
|--------------------------------------|-------------------|--|
| <b>Product Reference</b>             |                   | ATEX LED HT-650 Headtorch-Zone 0   |
| <b>CODE</b>                          | <b>INDUSTRIAL</b> | I M1/II 1GD Ex ia op is I Ma/IIC T4/T3 Ga IP67<br>Ex ia op is IIIB T155°C Da |
|                                      | <b>MINING</b>     | I M1 Ex ia op is I Ma IP67   |
| <b>TYPE OF PROTECTION</b>            |                   | "ia" intrinsic safety, 'op is' Optical Radiation                             |
| <b>AREA OF CLASS (GAS)</b>           |                   | Zones 0,1 and 2 - Gas groups IIA, IIB, IIC                                   |
| <b>TEMP. CLASSIFICATION (GAS)</b>    |                   | T4/T3  |
| <b>AREA OF CLASSIFICATION (DUST)</b> |                   | Zones 20,21 and 22 Dust Groups IIIA, IIIB                                    |

|                                 |                    |   |
|---------------------------------|--------------------|---|
| <b>MAX SURFACE TEMP. (DUST)</b> |                    | 155°C   |
| <b>CERTIFICATE</b>              |                    | Baseefa 10ATEX0067X<br>IECEX BAS 10.0023X     |
| <b>ENCLOSURE</b>                |                    | High Impact Thermoplastic, Chemical Resistant |
| <b>LENS</b>                     |                    | Shatterproof Polycarbonate                    |
| <b>BEAM TYPE</b>                |                    | Broad Spot with Wide Angle Flood Light        |
| <b>LIGHT SOURCE</b>             | <b>TYPE</b>        | High Power LED                                |
|                                 | <b>OUTPUT</b>      | Up to 130 lm                                  |
|                                 | <b>LIFE</b>        | 25,000+ hours (fitted for life)               |
| <b>POWER SOURCE</b>             | <b>PART NUMBER</b> | 3 x HT-210 (LR6 Cells)                        |
|                                 | <b>TYPE</b>        | LR6 primary cells, to IEC 60086, Alkaline AA  |
|                                 | <b>VOLTS</b>       | 3 x 1.5v                                      |
| <b>LIGHT DURATION</b>           |                    | Up to 17 hours                                |
| <b>INGRESS PROTECTION</b>       |                    | IP67  |
| <b>WEIGHT (INC. CELLS)</b>      |                    | 0.180kg                                       |

