

Wolf® HT-400Z0 LED Headlamp

Article Number: 08021350

The Wolf HT-400Z0 is a **next-generation** lighting solution with the highest safety standards, specifically developed for professionals working in hazardous environments. Offered by **IST Safety Ltd**, the **official distributor of Wolf**, this model is a technologically optimized and high-efficiency product that replaces older, discontinued versions.

With its **Zone 0** compliance, it is safely used in areas where explosive gases and vapors are constantly present. Its compact design and hands-free operation ensure both safety and maximum comfort during industrial operations. The impact-resistant body and waterproof sealing are engineered for seamless performance in the toughest field conditions.



Usage Areas

- **Oil & Gas:** Refineries, storage terminals, and offshore platforms.
- **Chemical & Petrochemical:** Production and filling lines involving flammable liquids/vapors.
- **Industrial Plants:** Tank cleaning, confined space entries, and maintenance-repair works.
- **Energy Sector:** Technical service areas and operational zones with explosion risks.
- **IMPA Code:**33 06 20 - HT-400Z0

Certification & Compliance:

- Suitable for use in Zones 0, 1, 2 (gas) and Zones 21, 22 (dust).
- Gas Group: IIA, IIB, IIC
- Temperature Class: T4
- Complies with EN IEC 60079-0 and EN 60079-11 standards.
- EX II 1G Ex ia IIC T4 Ga;
- II 2D Ex ib IIIB T125°C Db

Technical Specifications:

- **Light Source:** High-power LED

- **Light Source Outup (Lumens):** Up to 120 lm
- **Brightness Duration:** Up to 8.5 hours
- **Lighting Type:** Wide-angle fringe lighting
- **Lens:** Shatterproof polycarbonate
- **Body Material:** Robust, durable, chemical resistant thermoplastic materials
- **Power Source:** Operates on 3 x 1.5V AAA alkaline batteries
- **Weight:** Approximately 0.90 kg

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

Product Reference		ATEX LED Headtorch
CODE	ATEX	II 1G2D
	GAS	Ex ia IIC T4 Ga IP67
	DUST	Ex ib IIIB T125°C Db
TYPE OF PROTECTION		ia/ib Intrinsic Safety
AREA OF CLASS (GAS)		Zones 0, 1 and 2 - Gas groups IIA, IIB, IIC

TEMP. CLASSIFICATION (GAS)		T4
AMBIENT TEMP		-20°C to +40°C
AREA OF CLASSIFICATION (DUST)		Zones 21 and 22 - Dust Groups IIIA, IIIB
MAX SURFACE TEMP. (DUST)		125°C
CERTIFICATE		Baseefa10ATEX0067 IECEx BAS 10.0023
ENCLOSURE		High Impact Thermoplastic, Chemical Resistant
LENS		Shatterproof Polycarbonate
BEAM TYPE		Broad Spot with Wide Angle Fringe Light
LIGHT SOURCE	TYPE	High Power LED
	OUTPUT	Up to 120 lm
	LIFE	25,000+ hours (fitted for life)
POWER SOURCE	PART NUMBER	3 x LT-401 (LR03 Cells)
	TYPE	LR03 primary cells, to IEC 60086, Alkaline AAA
	VOLTS	3 x 1.5v
LIGHT DURATION		Up to 8.5 hours
INGRESS PROTECTION		IP67
WEIGHT (INC. CELLS)		0.090kg