

## Wolf® XT-90 Ex-Proof Rechargeable Handlamp

### Certification & Compliance:

- Suitable for use in Zones 1, 2 (gas) and Zones 21, 22 (dust)
- Gas Group: IIA, IIB, IIC
- Dust Group: IIIA and IIIB
- Temperature Class: T4
- Complies with EN IEC 60079-0 and EN 60079-11 standards.
- EX I M2/II 2GD Ex ib I Mb/IIC T4 Gb IP67

Ex ib IIIB T185°C Db (Temperature ambient -30°C to +40°C)

### Technical Specifications:

- **Light Source:** High-power LED
- **Brightness Duration:** Up to 11.0 / 22.0 hrs
- **Lens:** Toughened glass
- **Body Material:** Impact resistant thermoplastic, electrostatic non-hazardous
- **Power Source:** Operates on Rechargeable battery, Lithium-Ion

**Weight:** Approximately 1.2kg



### Standards



Ex-Proof (ATEX)



IECEX



CE 0598



LR Certificate

## TECHNICAL DETAILS

| PRODUCT REFERENCE              |            | XT-50                                                                                              | XT-70      | XT-9X*                                                                                                    | XT-75      |
|--------------------------------|------------|----------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------|------------|
| PRODUCT DESCRIPTION            |            | Rechargeable Safety Handlamp                                                                       |            |                                                                                                           |            |
| CODE (ATEX & IECEX)            | INDUSTRIAL | I M2/II 2GD Ex ib I Mb/IIC T4 Gb IP67<br>Ex ib IIIB T185°C Db (Temperature ambient -30°C to +40°C) |            | I M1/II 1G Ex ia I Ma/IIC T4 Ga IP67<br>II 2D Ex ib IIIB T185°C Db (Temperature ambient -30°C to + 40 °C) |            |
|                                | MINING     | I M2 Ex ib I Mb IP67                                                                               |            | I M1 Ex ia I Ma IP67                                                                                      |            |
| TYPE OF PROTECTION             |            | "ib" intrinsic safety                                                                              |            | "ia" intrinsic safety                                                                                     |            |
| AREA OF CLASSIFICATION (GAS)   |            | Zones 1 and 2 Gas Groups IIA, IIB & IIC                                                            |            | Zones 0, 1 and 2 Gas groups IIA, IIB & IIC                                                                |            |
| TEMP.CLASSIFICATION (GAS)      |            | T4                                                                                                 |            |                                                                                                           |            |
| AREA OF CLASSIFICATION (DUST)  |            | Zones 21 and 22<br>Dust Groups IIIA and IIIB                                                       |            |                                                                                                           |            |
| MAX.SURFACE TEMPERATURE (DUST) |            | 185°C                                                                                              |            |                                                                                                           |            |
| CERTIFICATE                    |            | ATEX Baseefa09 ATEX0326X IECEx BAS 09.0153X                                                        |            |                                                                                                           |            |
| ENCLOSURE                      |            | Impact resistant thermoplastic, electrostatic non-hazardous                                        |            |                                                                                                           |            |
| LENS                           |            | Toughened glass                                                                                    |            |                                                                                                           |            |
| BEAM TYPE                      |            | Spot                                                                                               | Spot/Flood | Spot/Flood/Signal                                                                                         | Spot/Flood |
| LIGHT SOURCE                   | TYPE       | High Power LED                                                                                     |            |                                                                                                           |            |
|                                | QUANTITY   | 1 x White                                                                                          | 2 x White  | 2 x White,2 x Coloured                                                                                    | 2 x White  |

|                    |                |                                       |                     |                      |                     |
|--------------------|----------------|---------------------------------------|---------------------|----------------------|---------------------|
| OUTPUT             | 430 lm (White) |                                       |                     |                      |                     |
| LIFE               | 25,000+ hrs    |                                       |                     |                      |                     |
| POWER SOURCE       | TYPE           | Rechargeable battery, Lithium-Ion     |                     |                      |                     |
|                    | PART NO.       | XT-202                                | XT-204              | XT-206               | XT-204              |
|                    | LIFE           | Up to 500 recharge cycles             |                     |                      |                     |
| LIGHT DURATION     |                | Up to 4.0 / 8.0hrs                    | Up to 7.5 / 15.0hrs | Up to 11.0 / 22.0hrs | Up to 7.5 / 15.0hrs |
| INGRESS PROTECTION |                | Up to 7.5 / 15.0hrs                   |                     |                      |                     |
| WEIGHT             |                | 1.2Kg                                 |                     |                      |                     |
| COMPATIBLE CHARGER |                | XT-200L 12-24Vdc / XT-200H 90V-254Vac |                     |                      |                     |
| RECHARGE TIME      |                | 2.0 hrs                               | 3.5 hrs             | 4.5 hrs              | 3.5 hrs             |

