

## Intrinsically Safe Handlamp type SHL 300-Ex

The SHL 300-Ex is a robust Handlamp specifically designed for industrial environments and the firefighting services. Certified for use in potentially explosive areas of Zones 0 and 1 or 20 and 21 in accordance with Directive 1999/92/EC (ATEX 137).



- Zone 0, I and 20, 21 certified
- approx. 9000 Lux illumination power – generated by 3 high-power LEDs
- LED service life of approx. 50.000 h
- Robust, anti-static housing – rated to IP 65
- Pivoting head
- Optimum distribution of weight – ergonomic and comfortable to carry
- Battery capacity display – 5 section indicator
- Emergency light function with high brightness
- Flash mode

### Standard delivery:

- SHL 300-Ex
- Battery (factory fitted into device)
- Operating instructions
- Carrying strap

### Accessories:

- Set of coloured diffusing filters – white, red, green, yellow and blue.
- Charging station for mains voltage operation
- Charging station for vehicle / car voltage operation
- Carrying strap

### Ex-Data:

#### Ex-designation:

Ⓜ II 1G Ex ia IIC T4

Ⓜ II 1D Ex tD A20 IP65 T108 °C

EC-Certificate of conformity:

ZELM 06 ATEX 0313 X

In developing this device, the user was given primary consideration - for ease of carrying and single handed operation whilst providing exceptional high illumination power.

The special design of the SHL 300-Ex means that it is both ergonomic and functional. The handle, the weight distribution ratio, combined with the careful arrangement of switches and displays all go to provide an optimised device.

As a rechargeable LED Handlamp certified for use in Zone 0 / 20, the SHL 300-Ex is truly a unique, world class product that can be easily carried and safely operated in all manner of locations.

Additionally, the SHL 300-Ex is also highly suitable for use by the fire-fighting services as it fulfils the stringent requirements of the fire-fighting equipment standard - DIN 14642 - for explosion-protected Handlamps.

Utilising 3 high-power 3-watt LEDs not only gave rise to the brightest handheld spotlight of its kind, it also achieved an extremely high operational reliability. This is due, in part, to the LEDs having a service life of around 50.000 hours, but also, to the 'intelligent controller' that assures a high illumination power even in the event of single LED failure.