

## MICA® IL-800



ZONES

0

1

21

- DNV TYPE APPROVAL CERTIFIED • THREE HIGH-POWER LEDS • TEMPERATURE CLASSIFICATION T4
- UP TO 200 LUMENS GUARANTEED OVER LED LIFETIME • OPTIONAL EMERGENCY FUNCTION (EM) AND BLINK MODE (BK) • ROBUST IP67 HOUSING
- SINGLE SWITCH CONTROL FOR TWO POWER MODES • ZONE 0 & ZONE 1 VERSIONS



MICA® IL-800 ZONE 0 and ZONE 1 are all-purpose high quality handlamps specially designed for use in explosion hazardous areas and in the harshest conditions. Thanks to the ergonomic dual-mode switch, the user can choose between long operating time and extreme light output. Robust, anti-static construction with tempered 5mm lens, this lamp will not let you down when it is most needed. The MICA® IL-800 floats if dropped in water.

The advanced electronics prevent deep discharge of the battery and indicate low battery charge. Both Zone 0 and Zone 1 models are available with the The Atexor emergency function (EM) and blinking mode (BK). When the IL-800 hand lamp with EM-function is in ILC4 charger, it can detect a power outage and turn on automatically. When the remaining battery power is getting low, the beam starts to blink at 15 second intervals.

## MICA® IL-80



ZONES

1

21

- ROBUST IP-67 HOUSING • DNV TYPE APPROVAL CERTIFIED • 80 LUMENS LED • UP TO 21 HOURS OF OPERATING TIME • SINGLE SWITCH CONTROL FOR TWO POWER MODES



The MICA® IL-80 ATEX LED, like the IL-800 models, benefits users with a combination of smart design and robust materials. It has an incredible 21-hour operating time.

specially toughened, additionally a reflector helps concentrate the light beam over long distances.

The IP67 shock resistant casing is manufactured entirely from anti-static plastic. The waterproof IL-80 hand lamp floats if dropped to water. The lens is five millimetres thick and

Advanced electronics prevent deep discharge of the battery and indicate low battery charge. The MICA® ILC4 charger recharges the MICA® IL-80 ATEX LED even in + 40°C.

| TECHNICAL DATA                  | IL-800  | IL-80   |
|---------------------------------|---|---|
| Certification                   | <b>IL-800 ZONE 0:</b><br>II 1 G Ex ia IIC T4 Ga<br>II 2 D Ex tb IIIC T100°C IP67 Db<br><b>IL-800 ZONE 1:</b><br>II 2G Ex tb IIC T4 Ga<br>II 2D Ex tb IIIC 100°C IP67 Db | II 2 G Ex e ib op is IIC T4 Gb<br>II 2 D Ex tb IIIC T135°C Db |
| Area of classification:<br>Gas  | <b>IL-800 ZONE 0:</b> 0, 1 and 2<br><b>IL-800 ZONE 1:</b> 1 and 2   | Zones 1 and 2   |
| Area of classification:<br>Dust | <b>IL-800 ZONE 0 and IL-800 ZONE 1:</b><br>Zones 21 and 22  | Zones 21 and 22   |
| IP rating                       | IP67  | IP67  |
| Light source                    | 3x Ultra-bright LEDs  | MICA L200Ex LED   |
| Battery                         | 6V NiMH   | 6V NiMH   |
| Operating time                  | Full power 6 hrs,<br>Low power 12 hrs   | Full power 10 hrs 30 min,<br>Low power 21 hrs                 |
| Operating temperature           | 20 to +40 °C  | -20 to +40 °C   |
| Weight                          | 1.1 kg  | 1.1 kg  |