



more than just LED

the new portable lamp 6148

- > long burning time due to new LED technology
- > constant light intensity because of microprocessor controlled electronics, independent of the charge condition of the battery
- > real one-hand operation, including dimming via pushbutton
- > extreme brightness, low weight

STAHL



portable lamp 6148

ergonomic, efficient, functional

Whether it is used in everyday life or under extreme conditions – the new portable lamp 6148 is ideally equipped for every situation. It not only offers all LED advantages like extremely long service life of the lamp of up to 50,000 hours, very bright light while requiring a low amount of energy and extreme resistance to thermal shocks and vibrations. The experienced engineers of R. STAHL added further features: the durable enclosure is splash water protected and it is impact-resistant. After a charging time of less than 12 hours, the floodlight is ready for use for up to 8 hours. Its ergonomic design furthermore makes one-hand operation possible. For flexible applications, its head can be swivelled by 190°. Of course, the portable lamp fulfils all well-established Ex-standards and guidelines for Europe and abroad*.

+++ robust +++ impact-resistant +++ versatile +++ durable +++ universal +++



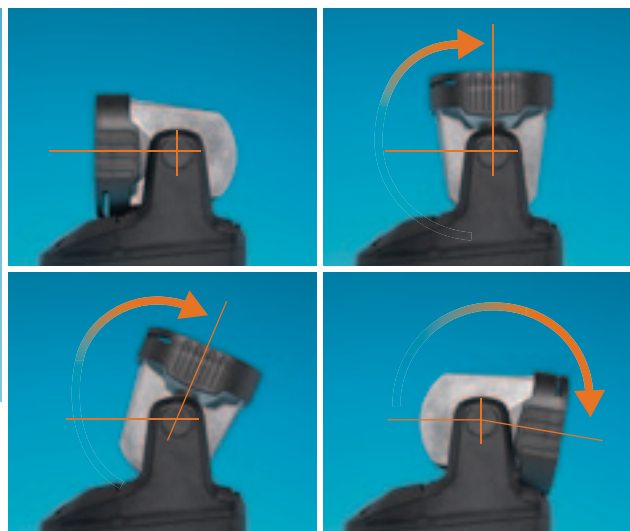
robust

- > degree of protection IP66
- > can be placed in puddles without any problems (max. depth of water: 150 mm)
- > impact-resistant synthetic material
- > resistant to vibrations and thermal shocks due to LED technology



functional

- > primary light is continuously dimmable
- > flashing light function (even when dimmed)
- > secondary light function with 20% brightness
- > real one-hand operation with only one pushbutton
- > constant light output independent of the charge condition of the battery
- > high operational reliability with status indication of the battery charge condition



swivelling

- > head swivelling by 190°
- > catching at 0°, 90° and 180°
- > light beam can be guided
- > heat sinks around the LEDs



- reliable**
- > long service life of the battery of up to 8 hours
 - > high light intensity of more than 24.000 cd



- extreme**
- > suitable for use in ambient temperatures from -20°C up to $+50^{\circ}\text{C}$



- rapid charging**
- > charging in less than 12 hours
 - > optional function as emergency light in the charger



- handy**
- > weighs less than 1.6 kg
 - > real one-hand operation via pushbutton



110... 240 VAC

12... 30 VDC

universal

- > charging set and vehicle adapter in one device



stationary

- > plate for wall mounting of charger separately available



mobile

- > belt clip optionally available



alarming

- > different colour filters available (red/traffic yellow)
- > prism lens for wider beam pattern

available accessories

- > belt clip
- > plate for wall mounting
- > charging cable for vehicles
- > prism lens
- > colour filter in red and traffic yellow
- > carrying strap with shoulder pad
- > adapter for other chargers

technical data



350 x 112 x 112 mm



~ 1.6 kg



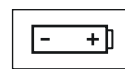
~ 8 h



210 lm
> 24 kcd



LED white



VRLA battery



< 12 h



Zone 1 ib IIC T4 Gb
Zone 21 tb IIIC T75°C Db



Zone 1 II 2G Ex ib IIC T4 Gb
Zone 21 II 2D Ex tb IIIC T75°C Db



splash water protected

further LED hand lamps



hand lamp 6140



~ 222 x 59 mm



~ 48 h



Zone 0 – II 1G Ex ia op is IIC T4
Zone 20 – II 1D iaD 20 T130°C



hand lamp 6141/62



~ 167 x 38 mm



~ 15 h



Zone 1 – Ex ib IIC T4 Gb
Zone 21 – Ex ib IIIC T81°C Db IP68



Zone 1 – Ex II 2G Ex ib IIC T4 Gb
Zone 21 – Ex II 2D Ex ib IIIC T81°C Db IP68



hand lamp 6141/61



~ 143 x 19 mm



~ 10 h



Zone 1 – Ex ib IIB T4 Gb



Zone 1 – Ex II 2G Ex ib IIB T4 Gb



R. STAHL
Am Bahnhof 30, 74638 Waldenburg, Germany
T +49 7942 943-0, F +49 7942 943-4333

www.stahl.de