

## KL8M: THE WORLDS BRIGHTEST MINER'S CAPLAMP WITH SINGLE CHARGER

The KL8M LED Li-ion Caplamp combines latest lighting and battery technologies, making a brighter light, and is lightweight, of small size, ergonomic design and long life. Lithium-ion battery eliminates dangerous chemicals and heavy metals, no need for regular maintenance or topping up of acid. LED's mean no requirement to replace bulbs, offering a service-free life. The caplamp case is manufactured from impact and temperature resistant Makrolon plastic material. An over-charge protection system automatically cuts off the circuit to protect the battery. If the surface of the lamp or the LED is broken the power is automatically shut down for protection as well. Advanced heat dissipation design significantly reduces heat level on the glass.

The Main LED and the Auxiliary LED, comprise a single LED bulb, each powered by its own circuit driver. The Main LED provides a spotlight at high intensity for general illumination. The Auxiliary LED gives a flood light at low intensity for emergency and low level illumination. Choose the Main illumination or Auxiliary illumination by repeatedly pressing the on/off push button.

Each lamp comes with a Single Caplamp 240VAC Mains power Charger. We also have Charging Racks in various sizes.

### Low Battery Warning

The light begins to flash every 5-10 seconds to warn the user when the battery level can only power the light for less than 1 hour. The flashing can then be stopped by pressing and holding the button (for 2 seconds) until the light quickly flashes twice. After that, the light will never flash a warning again, so do not forget you only have a short time left to use the caplamp.



## Features

**Safety:** Sealed battery case, short-circuit protection, LED head lamp with anti-static housing making it explosion proof.

**Reliability:** Optimum tough design, solid LED light utilising highly efficient IC drivers guarantee the product is ruggedly strong. The durable Li-ion battery with over charge protection system means this Caplamp is suitable for operation under the harshest of mining conditions.

**Portability:** Small in size, lightweight, ergonomically designed, maintenance free, with simple charging, all makes for easy operation, and popular choice.

**Efficiency:** This light provides bright, clear, cooler light. The minimum luminous intensity is 7000-11000lux (at a distance of 1m). The quality of the light is maintained throughout the entire 15 hour discharge cycle. The battery's life cycle exceeds 1200 charges and discharges.

**Environment:** The KL8M is an environmentally friendly product as per RoHS Directive, and is made of non-hazardous materials.

**Economical:** The KL8M Caplamp is an efficient, high-powered LED lamp with a service life of over 30,000 hours., Previous costly repairs which involved replacing incandescent globes, etc and associated labour charges have now been eliminated.

### Specifications

Battery capability:	8.8Ah
Rated voltage:	3.8V
Operating period:	> 12h
Main Power:	1W
Main luminous flux:	230Lm
Main illumination:	11,000~14,000 Lux
LED life-time:	30000h plus
Battery life:	Over 1200 recharges
Charging time:	8-9h
Battery dimensions:	75x26x82mm
Weight:	0.6kg

# Charge your KL8M on the Go!

## NWB-15D: Dual Powered

Charge from car cigarette lighter socket or from mains power



The perfect choice for individual caplamp users