



# MINELITE

## MINERS CAPLAMP SCLG2





### FEATURES

The SCLG2 represents a design revolution in miners cap lamps. It incorporates the most advanced components for lighting and energy storage technology.

It is an extremely lightweight, waterproof gas tight cap lamp, ideal for use in hard rocking mining, the coal industry, open cut mining, mine rescue, fire and rescue services and any application where lightweight, a high degree of reliability and hands free safety (three points of contact) is paramount.

This versatile product has an auxiliary light for safety and a main beam with standard and high power setting. Unlike early LED cap lamps which typically had a diffused light, the SCLG2 incorporates a lens so that the main beam is focussed into a penetrating spot light, ideal for underground mining conditions. It can be used by but is not limited to underground workers, underground drivers, visitors, service crew, firemen, mine rescue, mine managers, shift bosses and geologists.

The product comes as a complete unit (LED Caplamp Assembly, Battery and Charger). In this configuration it meets the stringent safety conditions of coal mines and hazardous areas for which it has full approvals.

  IBExU09, ATEX 1032, IEC Ex ib I, IEC Ex ia I

#### ***Lightweight and built tough***

Designed and manufactured for the harshest of mining conditions. This Li-ion lightweight battery has greater flexibility and a wider application than most of the traditional style batteries.

#### ***Safe for transport by air***

No restrictions for surface or air transport. It is cheaper and easier to transport than traditional lead acid cap lamp batteries due to its non dangerous goods classification.

#### ***Charging***

Designed to charge on a specified individual charging unit to provide greater mobility.

#### ***Long life***

Has a service life of 600 cycles.

#### ***Greater reliability***

The chemistry of the SCLG2 is inherently more reliable than that of traditional cap lamp batteries. Unlike traditional batteries which sulphate when left discharged, the SCLG2 can be left in a charged or a discharged condition for weeks or months without damage. Storage is not an issue. High temperatures do not cause rapid aging. Rough handling and shocks associated with normal mining use do not damage the inner workings of the battery.

**Experience less faults. Say goodbye to downtime and warranty issues.**

## MINERS CAPLAMP **SCLG2**

### **SPECIFICATIONS**

Part Number:	1-014
Chemistry:	Li-ion
Nominal Voltage:	3.6V
Nominal Capacity:	7.8 ah
Weight:	Approx 475g (with headpiece)
Size:	length 65mm x width 35mm x height 120mm (without headpiece)
Temperature Range:	Usage: -20° to +70°Celsius Charging: 0°C to +50°C
Lamp BurnTime:	Approx 17.5 hours.
Recharge Time	Approx 4 hours
Service Life:	Up to 600 cycles.

### **CHARGING INFORMATION:**

The SCLG2 has inbuilt electronics which indicate when the battery is nearing end of discharge and which also puts the unit into sleep to save battery life if it has been sitting inactive for long periods. It is provided with an easy to use charging cradle that can be employed as a stand alone desk top charger, an in vehicle charger or can be quickly assembled into multi user charging racks. The charging cradles have five LED indicators that light up during charging to show charge progress.

For further information contact:

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