Cap Lamp
Model KL5M

Features

- The KL5M is a bright LED miner's safety lamp using a high capacity, low weight 5Ah Li-Ion battery pack. Two brightness levels can be selected via a single switch.
- The KL5M is constructed from a durable anti-static plastic and the enclosure is explosion-proof making it suitable for fiery mines.
- The KL5M provides cost benefits as a result of lower maintenance, longer service life (as compared to lead acid battery based products) and less production time lost due to equipment failures.

Operation

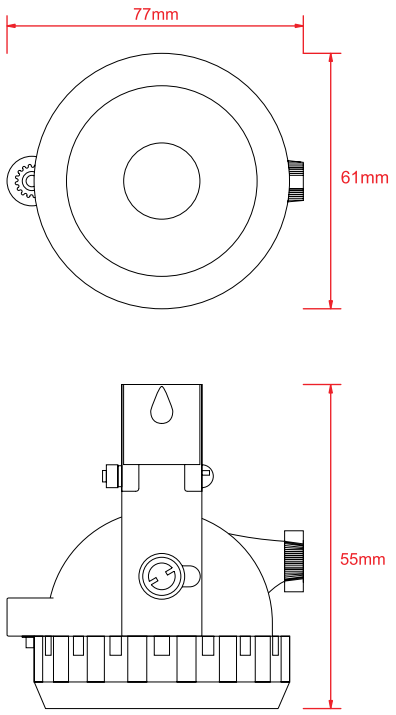
- The KL5M provides continuous illumination for more than 18 hours at full brightness.
- The battery recharges within 12 hours and has an expected life of over 1200 recharge cycles.
- The high-brightness LEDs have an expected service life of more than 30000 hours.

Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Cap lamp should be charged with standard charging rack or single way charger model GWB-15.

Specifications

Unit Dimensions



Continuous Usage Time		More than 18 hours (using main light).
Main LED Light		1W >25 Lumens.
Auxiliary LED Light		0.4W.
Battery	Type	3.6V 4.5Ah Li-Ion.
	Capacity	More than 1200 recharge cycles.
Charging Time		8-12 hours.
Charger		Standard charging rack or single-way charger Model GWB-15.
Charger Input		90-240V_{AC}.
Charger Frequency		50-60Hz.
Charger Output Voltage		5.5V_{DC}.
Charger Output Current		1000mA.
Construction		Durable anti-static plastic.
Unit Dimensions		Cap lamp head: 77mm x 61mm x 55mm. Cap lamp battery: 96mm x 97mm x 40mm. Charger: 114mm x 65mm x 56mm.
Unit Mass		Cap lamp: 0.55kg. Charger: 0.18kg.
Temperature Range		-5°C to 45°C.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.

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