



### Features

- The KL4.5M is a high brightness, lightweight LED miner's safety cap lamp using a high capacity 4.5Ah Li-Ion battery. Two brightness levels can be selected via a single switch.
- The KL4.5M is constructed of a durable anti-static plastic and the enclosure is explosion-proof making it suitable for fiery mines.
- The KL4.5M 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 and cheaper end of life disposal.

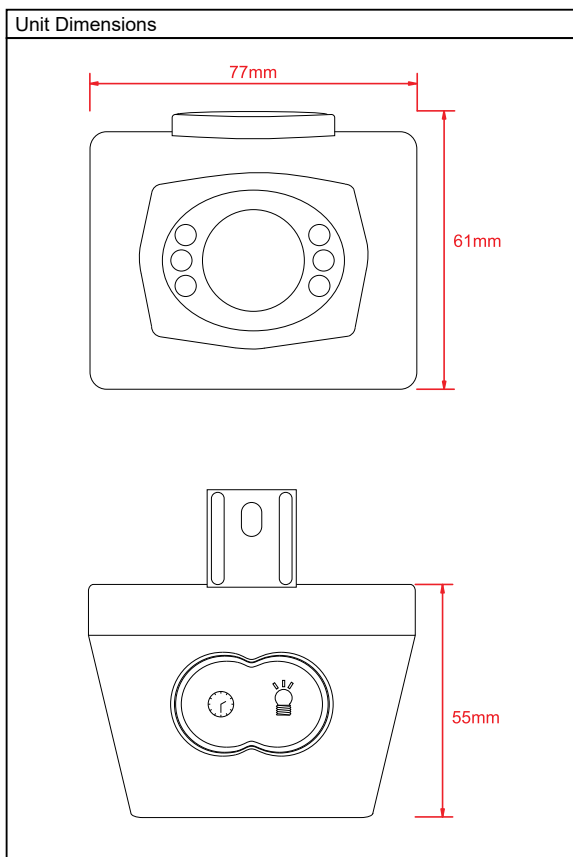
### Operation

- The KL4.5M provides continuous illumination for more than 15 hours at full brightness.
- The battery recharges within 6 hours and has an expected life of over 1000 recharge cycles.
- The KL4.5M also incorporates a battery indicator and clock function.

### Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Cap lamp should only be charged with supplied charger.

### Specifications



IA Certificate Number	MASC MS/12-005X.	
Continuous Usage Time	More than 15 hours (using main LED).	
Main LED Light	1W >40 Lumens.	
Auxiliary LED Light	6 auxiliary LEDs.	
Charging Time	6 hours using 4.5V 1A charger.	
Battery	Type	3.6V 4.5Ah Li-Ion.
	Capacity	More than 1000 recharge cycles.
Construction	Single piece durable plastic.	
Unit Dimensions	77mm x 61mm x 55mm.	
Unit Mass	0.24kg.	
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.