

# MINING CAPLAMP



## Li-ion Maintenance Free Caplamp

Complies with:

**SANS 1438:2018**  
**SANS 60079-0:2009**  
**SANS 60079-11:2007**  
**DMR Approved**



**This new lamp is the definitive paradigm shift in the Miner's Cap Lamp evolution – from wood chips to space age LED lighting.**



**TC2 FEATURES AND BENEFITS:**

- Patented optic design
- Auxiliary light
- Full RFID capability
- Impact resistant bezel guard
- Intrinsically safe
- Internal bezel ring
- Safe Lithium Ion technology
- Legendary FNB rugged design
- 30% smaller
- 60% lighter
- Will last 30% longer

**APPLICATIONS:**

- Underground mining
- Security, telecommunications, electricity, water and sewerage maintenance
- Ambulance, fire-fighting and other emergency services
- Motor vehicle breakdown utilities
- Recreation i.e. fishing, camping, caravanning
- Emergency lighting in the home

FEATURE	UNIT	VALUE
Nominal Voltage	Volt	3.7
Rated Capacity	Amp hour	7.0
Operating Times, Light Only, Fully Charged Battery		
• Main Light Only	Hours	24
• Auxiliary Light Only	Hours	52
Peaklight Output Levels		
• Main Light	Candela	> 6 000
• Auxiliary Light	Candela	> 2 400
Current draw		
• Main Light	mA	250
• Auxiliary Light	mA	120
Battery Design Life @ 25°C	Cycles	800 – 1 000
Battery Recharge Time (from 90% discharged)	Hours	10 max
LED Design Life	Hours	50 000
Operating Temperature Range	Celsius	0° - 50°
Protection	Ex ia I/IIC T4	
		<b>Model TC2</b>
Lamp Weights (Excluding Auxiliary Devices)	gm.	690
Battery Dimensions:		
• Length	mm	110
• Width	mm	54
• Height	mm	108
Head Piece and Cable Weight	gm.	305
Cable Length	mm	1 600

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