



IMBANI ENERGY



MINING CAPLAMPS TC2

LI-ION MAINTENANCE FREE CAPLAMP
COMPLIES WITH: SANS 1438:2018, SANS 60079-0:2009, SANS 60079-11:2007
DMR APPROVED

SPECIFICATIONS

MODEL TC2

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

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 1/IIC T4	
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





IMBANI
ENERGY

Get in touch

18 Grace Road, Observatory, South Africa, 2198

Tel: +27 (0)11 487 5400

Email: info@imbani.com

www.imbani.com