

# Approved Eclipse: **Never a Dull Moment** cap lamp

**The Eclipse cap lamp from Northern Light Technologies boasts reliable power for up to 16 hours with its lightweight compact lithium-ion battery!**

Featuring a super bright LED, the Eclipse is designed for outstanding impact resistance. Besides its reduced weight and size, the Eclipse is affordable and comes with a two year warranty.

- MSHA and IECEx approved for use in hazardous environments
- Exceptionally long life span exceeds 5 years when used for standard shift lengths.
- Although rated for 12 hour mine shift, typically lasts more than 16 hours with average light output at the end of the shift of 4,000 Lux.
- Replaceable cell pack are available for an even longer lifespan.
- Chargers can be mounted on existing Northern Light® Charging Racks
- 12V DC vehicle adapters available



## Specifications:

### Battery Charge Time

- <10 hours

### Battery Discharge Time

- Main LED > 14 hours

### Battery Lifecycle

- 1000 Minimum

### Weight

- 24oz (700 g)

### LUX

- minimum 4,000; typical 5,500

### Charger configurations

- Single, 10 and 20 unit rack; 12V DC adapter for vehicle connection

### Charger Power Source

- AC line voltage range from 120V +/- 10%, 220V +/- 10%,
- 12V AC input can also be used in case of retrofit to existing racks and transformers

### Charger Temperature Range

- 0°C - 30°C / 32°F - 86°F (Optimum: 15°C - 20°C / 59°F - 68°F)

### Lamp Storage Temperature

- -20°C - 60°C / -4°F - 140°F (Optimum 10°C - 20°C / 50°F - 68°F)

### Primary LED Life

- 20,000 hours

### Secondary LED Life

- 20,000 hours

### Ingress Protection

- IP 67

### Operating Ambient Temperature

- Ta = 0°C - 50°C / 32°F - 122°F

### Charging Current

- 2A

### Approvals

- ATEX, IECEx, MSHA

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