

Northern Light® Eclipse Cap Lamp



Never a dull moment cap lamp.

Northern Light® Eclipse:

The Northern Light® Eclipse from NL Technologies is a bright, rugged, and long-lasting cap lamp made to light up any underground environment. Since its launch the Eclipse has seen great success in illuminating mines and tunnels around the world, and NLT has updated this workhorse's design with many new features.

Built to perform, the Northern Light® Eclipse comes in two battery configurations, a three (3) and four (4) 2.6 Ahr battery cells, that provide 7000 and 8200 Lux respectively for greater than a 12-hour shift. The rugged features of the cap lamp meet an IP67 specification and have IS options for MSHA, IECEx, and ATEX. The Eclipse lamp's life span exceeds 5 years and has field serviceable battery and optics, to extend its life span further.

The changing technology environment of mines has led NLT to update the Northern Light® Eclipse's design. The cap lamp can integrate RFID and Wi-Fi tracking tags to support IoT enablement in the mine. The Eclipse can be upgraded with the rear-facing tail light to have workers also be identified from behind. These additional features work towards NL Technologies goal of enabling the increased safety and security of the underground environment.

Features of the NLT Eclipse:

- Supports Wi-Fi or RFID tags for tracking (Tag compatibility subject to IS and/or NLT approval)
- Exceptionally long-life span exceeds 5 years when used for standard shift lengths.
- Rated for 12-hour mine shift with a 7000 or 8200 Lux light output based on battery configuration.
- Replaceable cell pack for an even longer lifespan.
- Chargers can be mounted on existing Northern Light® Charging Racks
- Optional rear-facing tail light for identification of miners from behind

Number of Cells	Lux output	Discharge time	Battery Weight
3	7000 lux (typical)	12hr (min)	350g (12.8 oz)
4	8200 lux (typical)	12hr (min)	400g (14.1 oz)



Note: Technical specifications are subject to change without notice.