

# Falcon



A highly advanced, flexible Smart Cap Lamp system



The NLT Falcon cap lamp's advanced technology boosts safety and productivity in mining operations. Accommodating both tracking and proximity tags, this corded Smart Cap Lamp features best-in-class LEDs and lithium-ion battery technology. Its headpiece is connected via lamp cord to a high-powered battery pack that is carried at the waist by a miner.

The Falcon's headpiece provides programmable functionality with two additional buttons to support bidirectional communication and multiple safety features. The cap lamp also features a rear-facing blue LED taillight mounted along the lamp cord to identify the wearer from behind.

The Falcon has an IP67 water- and dust-resistant enclosure and customizable tag pockets on the headpiece and battery pack. Additionally, all Falcon components are serviceable, increasing the life of the lamp and lowering the total cost of ownership.

NLT partners with most of the world's major tracking and proximity solution providers. At the forefront of today's technology, the Falcon's flexibility also allows it to accommodate emerging safety and communications technologies.

## NLT Falcon Features:

- Wi-Fi, RFID, Bluetooth or LTE tracking-tag and proximity-tag enabled
- Can accommodate a tracking or proximity tag or both
- Programmable color status LEDs for notification, including safety and operational alerts
- Programmable primary LED, including customizable flashing sequence – Man-Down, evacuation notification and proximity alert
- Bidirectional communication
- Tag fully powered by the lamp
- Highly durable, extreme-temperature resistant lamp cord
- Rear-flashing blue LED taillight
- Flexible hardhat mounting options – fixed and adjustable clips
- IP67
- Fully serviceable components, including the battery
- Any NLT charging infrastructure can be retrofitted for the Falcon

## SPECIFICATIONS

Light output	12,500 Lux
Discharge time	14 hrs minimum
Charge time	Less than 10 hrs
Weight	610g (12oz)



Note: Technical specifications are subject to change without notice.

