



# Falcon Plus



A rugged, versatile Smart Cap Lamp system



Designed for use in the harshest environments, the super-bright Falcon Plus features a Smart Cap Lamp system and groundbreaking Dual-Beam technology. This corded version of the Eagle Plus accommodates tracking and/or proximity tags and has three beam patterns and a low-light/emergency setting, providing the right light for every job a miner does.

The Falcon Plus offers programmable lights and multiple safety features. Its two colored LEDs, amber and blue, can be used individually or in tandem with the main white light to communicate a variety of customized signals, including proximity, warning, danger and operational alerts. Its two side buttons enable bidirectional communication. Additionally, a rear-facing “taillight” alerts others to the miner’s presence ahead.

The Falcon Plus’ high-powered battery pack is equipped with an integrated belt loop. It has an IP67 water- and dust-resistant enclosure and tag pockets on the headpiece and battery pack. Additionally, all Falcon Plus 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.

## NLT Falcon Plus Features:

- Wi-Fi, RFID, Bluetooth or LTE tracking-tag enabled
- Proximity-tag enabled – can accommodate tracking and/or proximity tags
- **Dual-Beam technology:**
  - **Focused Spot** – NLT’s traditional beam pattern
  - **Wide-Angle Flood Light** – a flat, even light; ideal for close-up work
  - **Dual-Beam** – combines both beam patterns to provide a center spot with great peripheral lighting
  - **Low-Light/Emergency Setting** – reduces light output when needed
- Programmable white, amber and blue LEDs for notifications, including safety and operational alerts
- Bidirectional communication – two side push buttons on the headpiece
- Tag(s) fully powered by the lamp
- IP67
- Intrinsically Safe (IS) approval pending
- Programmable rear-flashing blue LED taillight
- Components, including the battery, are fully serviceable



## SPECIFICATIONS

|                |                  |
|----------------|------------------|
| Light output   | 16,000 Lux       |
| Discharge time | 13 hrs minimum   |
| Charge time    | Less than 10 hrs |
| Weight         | 400g (14oz)      |



Note: Technical specifications are subject to change without notice.

