

Aries Flex



A groundbreaking advancement in cap lamp technology



Aries Flex is quite simply the smallest, brightest and lightest Smart Cap Lamp available. Able to accommodate all of the tracking or proximity tags that currently fit into NLT's Genesis cap lamp, Aries Flex now supports OTA (over-the-air) programming, allowing for seamless remote firmware updates.

With advanced bidirectional communication, the Aries Flex includes a second push button to initiate or acknowledge a message. Its configurable amber and blue LEDs, in conjunction with the white light, enable customizable light flashing sequences that can provide situational awareness.

NLT has designed the Aries Flex to accommodate multiple tag options, making it compatible with most of the world's major tracking and proximity solution providers.



Size comparison of Genesis, Polaris and Aries Flex cap lamps

NLT Aries Flex Features:

- Accommodates either a tracking or proximity tag
- Tag fully powered by the lamp
- OTA (over-the-air) programming
- **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 – programmable push button on front of the headpiece
- IP67
- Existing NLT chargers can be upgraded to accommodate the Aries Flex charger housings
- Components, including the battery, are fully serviceable
- Intrinsically Safe (IS) approval pending

SPECIFICATIONS

Light output	18,000 Lux
Discharge time	13 hrs minimum
Charge time	Less than 10 hrs
Weight	169g (6oz)

Note: Technical specifications are subject to change without notice.



Aries Flex



Aries Flex Charging Options

Single Unit / USB-C



6 ft/1.8 m Cord

Input power requirements: 5V 1.5A

10-Unit

27.5" W x 12.5" H x 7.5" D / 69.9 cm W x 31.8 cm H x 19 cm D
Input power requirements: 100-240V 2.5A



40-Unit Charging Station

47" W x 35" H x 9" D
119.4 cm W x 88.9 cm H x 22.9 cm D
Input power requirements: 100-240V 2.5A



80-Unit Charging Station

47" W x 74" H x 8" D
119.4 cm W x 188.0 cm H x 20.3 cm D
Input power requirements: 100-240V 5A



Aries Flex



Accessories

NLT Lanyard

- 3.8' (.95 cm) flat breakaway lanyard with swivel hook
- Cap lamps can be worn comfortably around the neck



NLT Breakaway Lanyard

- Adjustable and detachable lamp lanyard with an aluminum swivel hook
- Cap lamps can be worn comfortably around the neck



Nano Glass Lens Protector

- Made from the same material that protects your phone screen
- Its 9H hardness resists scratching
- Easily applied and removed



Aries Flex



Clip Options



NL0345

- 22 Degree Tilt



NL0347

- 43 Degree Tilt



Hard Hat models	Recommended Clip
Petzl ST	NL0345, NL0347
MSA Comfo Cap	NL0347
MSA V-Gard	NL0345, NL0347
3M G3000	NL0347
UVEX Pheos	NL0347
MSA V-Gard 500	NL0345-not fully inserted, NL0347
JSP Evolite vented	NL0347
3M Mining Lamp Bracket Kit M-940	NL0347