

Northern Light® Genesis Cap Lamp



Genesis. An all-in-one integrated lamp system.

Northern Light® Genesis:

Building upon the award-winning design of the Northern Light® Polaris cap lamp, NLT has developed the Northern Light® Genesis cap lamp an all-in-one integrated lamp system.

This cap lamp can house an RFID/Wi-Fi tracking or collision-avoidance tag to enhance safety in an underground environment. With a typical light output of 6000 Lux and a 12+hour battery life, the Northern Light® Genesis cap lamp can meet the needs of an IoT-enabled mine.

Using the contemporary design of the Northern Light® Polaris, the Genesis maintains the superior light pattern consistent with all NLT lamps, providing a perfectly focused spot.

Since the launch of the Northern Light® Genesis cap lamp, NLT has worked with numerous leaders in RFID/Wi-Fi tracking and collision avoidance systems to fit their tags into our all-in-one design. The cap lamp is certified IS with Aeroscout. Contact NLT to enquire for specifics.



Features of the NLT Genesis:

- RFID/Wi-Fi tracking tag or Collision-Avoidance tag enabled.
- Cordless lightweight cap lamp in an IP 67 enclosure.
- Main LED for high light output and secondary LED for auxiliary or emergency use.
- Integrated with solutions from:
 - AeroScout
 - Wavetrend
 - AiRISTA Flow
 - Identec Solutions
 - Newtrax Technologies
 - Becker-Varis
 - PBE group
- Certified MSHA Intrinsically Safe, ATEX, IECEx, ANZEx for coal market.
- Field serviceable by NLT distributor for tags, batteries, front covers, and various clip options.
- Any NLT charging infrastructure can be retrofitted for the NLT Genesis.



Northern Light Technologies



Cell capacity	Lux output	Discharge time	Weight
2.6Ah	6000 Lux (typical)	12hr (min)	180g (6.6 oz)

Note: Technical specifications are subject to change without notice.