TRAK
ICCL

integrated communications cap lamp

Enhancing safety and productivity

> PED Message Paging

> Integrated RFID Tag

> Airstream Helmet Adaptation

> Cord integrated "Flash" Unit

> I.S. Certified versions

Images are indicative

MST

TRAK ICCL | integrated communications cap lamp

MST Global's Integrated Communications Cap Lamp (ICCL) is the leader in cap lamp technology integration, ensuring an underground miner is carrying the necessary personal equipment in a robust, modular unit. With I.S certified versions available, the ICCL is suitable for coal and hard rock mining environments.

The **ICCL** uses the latest Lithium-Ion battery technology to provide long duration battery life, lasting for more than 24 hours. The LED headpiece combines the latest LED and optics technology with robust construction and is well-suited to the rigors of mining environments and provides efficient high intensity personal lighting.

With multiple options to choose from, including the RFID Wi-Fi electronic tag, PED® personal pager, proximity detection module, and tail lighting – the **ICCL** can be tailored to each sites needs. Integration of these technologies into a robust rechargeable cap lamp form factor ensures long term reliability, and that workers will always carry their PPE with them when they head underground.

SPECIFICATIONS

DIMENSIONS & WEIGHT
> Dimensions: 149mm (5.86 in) wide x 127mm (5 in) high
> Weight: 750g (1.6lb) Lamp only
             950g (2lb) with PED® and Tag

BATTERIES
> 9.2 Ah, >24 hours – Suitable for 2 by 12 hour shifts
> Industry approved, advanced Lithium-Ion

ENVIRONMENTAL PARAMETERS
> Ingression: IP67 (watertight)
> Temperature: -20ºC to +40ºC (LCD -5ºC to +60ºC)

LED HEADPIECE
> Highly focused long throw spot, low, medium low, high and super high beam selection
> LED life rating >50,000 hours

ERGONOMICS
> Hip hugging, curved design
> Modular assembly; tamper proof

DIAGNOSTICS
> Battery management system interfaced to LCD display
> Battery fuel gauge with battery low warning and indication
> PED QoS indication

COMPATIBILITY
> Most existing cap lamp charging systems – minor modifications may be necessary

OPTIONS
> PED   Through the Earth paging technology
> PAD   Personal Alert Device for Man to Machine proximity
> TRACKER   RFID Wi-Fi Tagging Technology
> FLASH   Tail lighting

CERTIFICATIONS
> IECEx, ANZEx, MSHA*, PA*, DGMS*, EAC Ex
* Specific ICCL variants only.