



smartflow[®]

Security and Operability for the Digital Mine.



LASEC

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MINING SYSTEMS



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ST4RT THE CHANGE



smartflow®

PRODUCT SPECIFICATIONS

HARDWARE / Data Sheet

Device for monitoring / Wi-Fi technology SmartLamp WiFi V1.1

INTRODUCTION

SmartFlow® is designed and developed with both software and hardware to adapt various technologies in order to meet the specific requirements of each client, which is why it has great versatility of products for location such as SmartLamp, which includes lamp and Wi-Fi locator tag in one device.

BENEFITS

- Lamp and locator tag in a single device
- Light intensity 7500 LX
- Battery discharge cycle greater than 13.5 hours
- Reduction of resistance to change to carrying location equipment
- Ergonomics in its portability

CHARACTERISTICS

- IoT / Industry 4.0 device
- Communication 2.4 GHz wifi standard 802.11 b / g / n and BLE 4.2
- Open Wi-Fi security mode, WEP, WPA and WPA2-PSK
- Main light on cycle greater than 13.5 hours
- Pilot light on cycle greater than 40 hours
- SOS Morse indicator for evacuation and emergency
- LED status indicator
- External connector for charging
- Emergency acknowledge, battery status and evacuation functions button
- Light output 7500 LX
- IP68 certification (in process)
- MSHA certification
- 1200 battery life cycles
- Charging time 3 to 5 hours
- Software version 1.2k
- 1 year warranty

MECHANICAL SPECIFICATIONS

- Dimensions: H: 84 mm x L: 69 mm x W: 50 mm
- Weight: 189 gr
- Temperature -20 °C to 70 °C

ELECTRICAL SPECIFICATIONS

- 5 Vin power supply, 2000 mAh
- Power consumption in main light 333.4 mAh

PART NUMBERS

Part number	Description
5.13 SMART-LAMP-7500	SmartLamp wifi 7500 LX / V1.0
5.13 SMARTLAMP-CHARGER	Charger for WISDOM LAMP 3A / 4A, Charger for KL4MS with 3.5 Hrs, KL5M / KL5MS with 4.5 Hrs, KL8M / KL8MS with 6.5 Hrs, KL12M / KL12MS with 8 Hrs. V3.0



30%



60%



Fully charged

High capacity 7000 mAh
Li-Ion battery 13 hours of on cycle time,
two high efficiency cells.

ACCESSORIES

High efficiency charger rack for up to 240 lamps



See accessory data sheet: 5.13 SMARTLAMP-CHARGER