

TECHNICAL DATASHEET · ATEX LED LIGHTING (EX ZONES) - ATEX SERIES

ELM 04 PSD ATEX Lamp with 2 LEDs and Location Transmitter

EcoSolaris code: ECO-LED-84 · Designed and manufactured in Europe · OSRAM LEDs



ELM 04 SD mining lamp with two high-power LEDs, fitted with a location transmitter cast in resin inside the battery cover. Detection through rock or coal up to 25 m, operating range 50 m, transmitter autonomy at least 168 hours on 8 channels (4100 - 5850 Hz). Black polycarbonate housing, IP54, 1.0 kg.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Black polycarbonate
Base lamp	ELM 04 SD mining lamp with 2 LEDs
Location transmitter	In the battery cover, cast in resin
Transmitter autonomy	At least 168 hours
Transmission frequency	4100 - 5850 Hz
Number of channels	8
Operating range	Up to 50 m
Location distance	25 m
Detection through rock / coal	Up to 25 m thickness
Ingress protection	IP54
Weight	1.0 kg

Features

- Location transmitter for rescue teams
- Detection through rock or coal up to 25 m
- Operating range up to 50 m
- Transmitter autonomy at least 168 hours
- 8 working channels
- Lighting with 2 high-power LEDs (ELM 04 SD)
- IP54 ingress protection
- Works with rack and headlamp charger

Recommended applications

ATEX

Hazardous area lighting

Coal mines

Underground personnel location