

Mining (LPW) anti-explosion lamp

(smaller version of the **LPW 200**)



Price:

Dimensions:

Height: 27 cm

The diameter of the body: 15 cm

Weight: 4 kg

PRIMARY USE

Mining explosion-proof luminaire for flameproof construction.

Explosion-proof luminaires were designed to illuminate gas decks of methane gas mines and other surfaces and rooms with a risk of explosion " B "1" C "with a concentration of methane not exceeding 2%. The covers were produced in accordance with the Polish standards valid at that time and were certified by The Central Mining Institute of the Experimental Mine "Barbara." According to PN (Polish Norm), the covers were subjected to tests for the strength of static water pressure of 10 atmospheres in 1 minute.

The lamp had a degree of protection against electric shock "I", the degree of protection against the ingress of foreign bodies and water "IP 65".

Manufacturer: Spółdzielnia Pracy "Energia" in Sosnowiec

Time period: late 1940s



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CONSTRUCTION

The lamp body is made of pressure cast aluminum, the diffuser is made of transparent tempered glass secured with a steel wire mesh mounted on an aluminum ring with a hinge. The flameproof frame is made of porcelain. The bulb is E 27 thread. The cover is equipped with socket chokes allowing the introduction of electric wires, adapted to hang on hooks. Final power supply

LAMP VERSION

The offered lamp is a "vintage" version that retains the original patina of time (varnish, rust, scratches, discoloration and other signs of use). The cover is cleaned, the electrical installation is exchanged based on certified materials. The bulb holder: E 27 thread.

It is possible to sand and polish the lamp body to a high gloss with clear lacquer in gloss or mat, as well as to individually select the color of the lamp based on the RAL color palette both in powder coating and the spray pattern. Optional spray varnish on request: mat, semi-gloss or gloss. Ordering a non-standard color or colors of the individual components of the lamp is associated with a prolonged waiting time for the product and individual pricing.

WARNING

The pictures of the product show an example copy. Items from a given category have different marks of use, the so called "patina of time" and visually differ in their appearance. While executing the order, we choose a purchased item randomly.