



LED

VANDAL-PROOF LIGHT FIXTURES





OUR COMPANY

We are a Polish manufacturer of specialized, industrial lighting fixtures. We have been creating advanced and innovative solutions for over 12 years. We specialize in products dedicated to difficult working conditions and harsh environments.

We design, manufacture and sell lighting fixtures dedicated to various market sectors. Our offer is divided into five main divisions: explosion-proof light fittings and accessories, vandal-proof fixtures (for railway infrastructure), custodial fixtures for prisons and penitentiary establishments, heavy-duty light fixtures for industry and tunnel lighting.

We support our clients at each stage of selecting and designing lighting. In cooperation with customers we develop special solutions dedicated to specific projects and applications.

DESIGN AND DEVELOPMENT



ENEC

Lighting of railway stations, subways, tunnels and other public places requires light fittings not only effective and efficient, but above all **extremely durable**. Those that will work in extreme cases of vandalism, such as arson, hitting with heavy tools or covering with graffiti.

Our light-fixtures are tested to determine the degree of impact resistance above IK11 (IK11+) made in an accredited testing laboratory, in accordance with applicable standards. **Additional laboratory tests showed their resistance to impacts with a force of 150J.**

ENEC certification of our products is a confirmation of design competence and ability to maintain highest quality standards.

We use only the highest quality materials from reputable european manufacturers. Thanks to strict quality control procedures, we can offer products that guarantee uninterrupted operation.

By focusing on development and continuous product improvement, we try to approach each project separately. The R&D department is working on the development of our offer based on the most modern solutions available on the market. **We prepare individual designs** of our luminaires tailored to the client's needs and in accordance with the current EU industry standards.



IK11+ 150J

VANDAL-PROOF LIGHT FITTINGS FOR RAILWAY FACILITIES



The series of vandal-proof luminaires is dedicated to railway infrastructure, underground passages, and other applications exposed to acts of vandalism. A special 'secure lock' screw system prevents unauthorized persons from entering the luminaire. Thanks to the compact design of the housing and the diffuser made of thick polycarbonate, a high degree of impact resistance is achieved (IK11+). The luminaires are approved by Polish State Railways - PKP PLK.



INV320LED



Corner-mounted vandal-proof light fitting with LED modules. Housing made of powder coated stainless steel. Overvoltage protection - 10kV.



INV320LED-SF



Surface-mounted vandal-proof light fitting with LED modules. Housing made of powder coated stainless steel. Overvoltage protection - 10kV.



INV320LED-RC



Recessed vandal-proof light fitting with LED modules. Housing made of powder coated stainless steel. Overvoltage protection - 10kV.



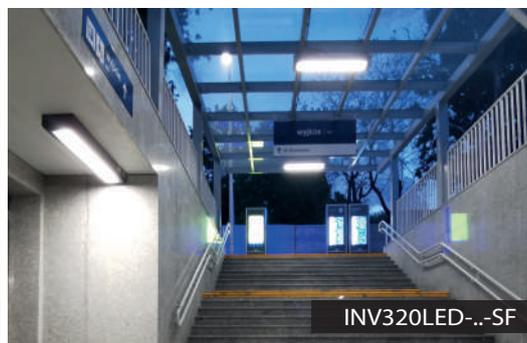
INV320LED-RC-shelters



Recessed vandal-proof light fitting with LED modules designed for platform shelters. Overvoltage protection - 10kV.



INV320LED



INV320LED-...-SF



INV320LED-...-RC

ENEC
CERTIFICATE



OVERVOLTAGE
PROTECTION - 10kV



OPTIONAL
ANTI-GRAFFITI LAYER



EMERGENCY VERSION
TO -15°C



MODULAR SYSTEMS OF VANDAL-PROOF LIGHTING FOR UNDERPASSES

INV320LED - VANDAL-PROOF MODULAR SYSTEM



The modular system based on the INV320LED fixtures allows to create vandal-proof lines characterized by a compact structure and high mechanical resistance. This system is designed for corner mounting. Just like the INV320LED fitting, the whole system is perfect for lighting tunnels, underground passages and passageways. **The spacing between the luminaires is adapted to the requirements of the project.** Thanks to close cooperation with the client, it is possible to individually adjust individual elements to meet specific requirements and adapt to the conditions of the project.



UNDERPASSES



PLACES EXPOSED
TO VANDALISM ACTS



TELETECHNIC
INSTALLATIONS



PASSAGeways



PLATFORM
SHELTERS



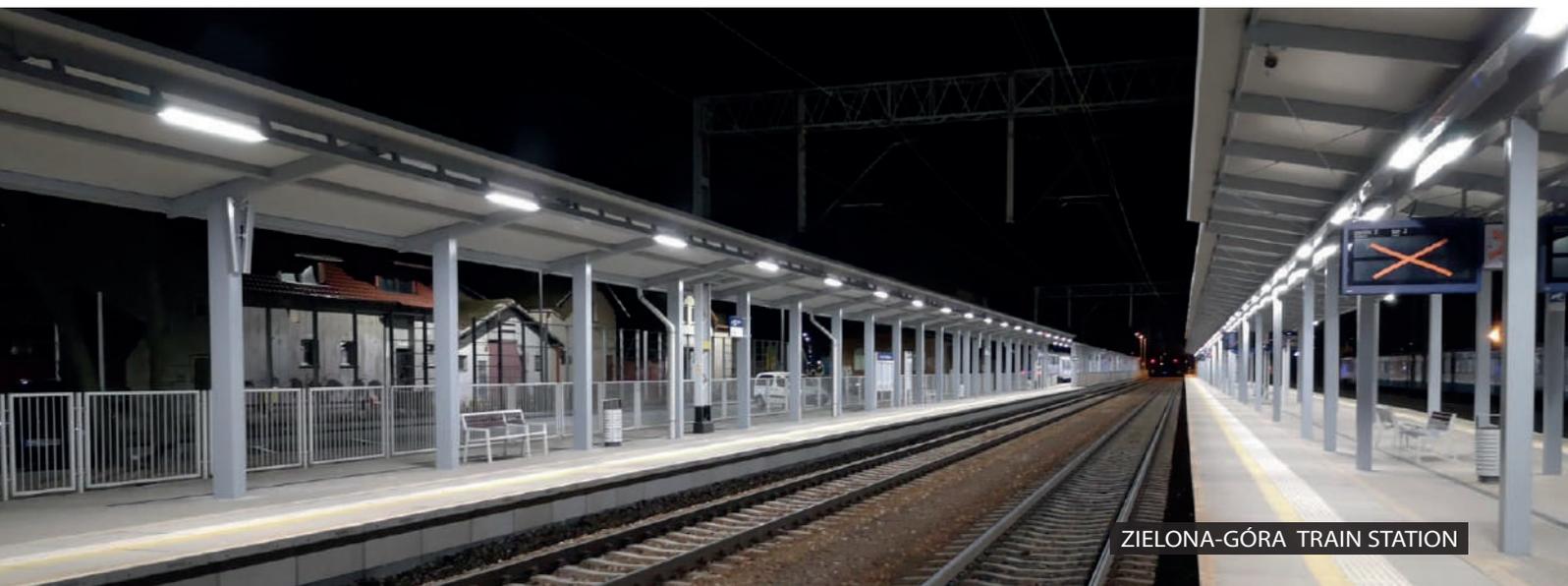
TUNNELS

INV320LED-..-RC - VANDAL-PROOF MODULAR SYSTEM



The modular system based on the INV320LED-RC fixtures allows to create vandal-proof lines mounted on the wall and ceiling surfaces. Just like the INV320LED-RC luminaire, the whole system is perfect for lighting tunnels, underground passages, shelters and platforms. **The system allows you to hide power cables, speakers and cameras in a compact structure resistant to vandalism.**

Our installation: Railway station Zielona Gora Poland, the main element of which was the **INV320LED - .. RC line system**, won the **first place in the competition "Best Lighting Investment"** organized by the Polish Association of Lighting Producers.



ZIELONA-GÓRA TRAIN STATION

OUR INSTALLATIONS



Kraków
Bronowice PKP



Poznań
Główny PKP



Skarżysko-Kamienna PKP



Gdynia
Redłowo SKM



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