

## ES-SYSTEM delivered lighting to three more shopping centers in Europe Lighting solutions from the Polish company have given these buildings a truly extraordinary character

ES-SYSTEM, the leading Polish company specializing in professional lighting, has delivered lighting equipment to three shopping centers in Europe: Galeria Północna in Warsaw, Europa Passage in Hamburg, and Löhr-Center in Koblenz, Germany. These projects are characterized by the highest quality, energy-efficient lighting with excellent aesthetics. In addition, the applied lighting systems create the right mood, encouraging customers to pleasantly spend their time shopping in these facilities.

“More and more people are spending their time in shopping centers, which is why investors are becoming increasingly demanding when it comes to the spatial arrangement in their interiors. The aesthetics of the building façades are also not without importance, as they should be inviting to potential visitors. Thanks to many years of experience in completing lighting projects in shopping centers in Poland and abroad, ES-SYSTEM provides advanced lighting solutions and professional after-sales support dedicated especially to this type of facility,” said Rafał Gawrylak, president of ES-SYSTEM.

### A NEW SHOPPING CENTER WITH ES-SYSTEM LIGHTING ON THE MAP OF WARSAW

Galeria Północna in Warsaw’s Tarchomin neighborhood is the largest shopping complex in this part of the Polish capital.



The interior of Galeria Północna shopping center in Warsaw with ES-SYSTEM lighting

The facility was designed with exceptional care for the environment. As a result, the investor paid great attention to the building’s energy efficiency. ES-SYSTEM was chosen as a the lighting supplier precisely because of this aspect. Only 100% LED lighting systems were used in this project.

“ES-SYSTEM was responsible for delivering lighting systems installed across an area of 65,000 m<sup>2</sup>. As a result of the cooperation between our specialists and the architects that designed Galeria Północna, interiors with modern lighting arrangements were created, providing an appropriate atmosphere that encourages the facility’s visitors to products from any of the 200 boutiques,” emphasizes president Gawrylak.

The Galeria Północna interiors were equipped with SYSTEM 6000 and 6000 BIS luminaires with a combined length of over 300 running meters. Ceilings in the passages were decorated with arrangements of TRIANGLE LED 650 and LED 1300 luminaires. CANOS LED, CAMELEON, RODIA LED, FLAT and PRIMA systems were also used for this investment. In addition to luminaires from the standard product offer, ES-SYSTEM also delivered dedicated decorative lighting designed especially for this project.

### DESIGNER LIGHTING FROM A POLISH COMPANY

Another ES-SYSTEM project is the Europa Passage shopping center located in the very heart of Hamburg, Germany. The company delivered lighting systems with a combined length of about 600 running meters. It consists of three light lines with a form reminiscent of the wing of an airplane. The entire system is made up of two triple light loops. The design involved arranging the system in one plane as well as its smooth transition into an arc-shaped spatial form. The system’s skeleton is made up of aluminum profiles, whereas its upper and lower covers are made of special thermoelastic foil. The lower wing covers were illuminated with LEDs in two color temperatures, and in the arc-shaped part, RGBW LEDs were used.



Europa Passage shopping center with lighting by ES-SYSTEM

In order to fully make use of the installed light sources, the system was equipped with high-end lighting control devices that make it possible to select and program numerous lighting arrangements, both static and dynamic.

## LIGHT IN DIFFERENT FORMS



Another shopping center with lighting delivered by ES-SYSTEM is the Löhr-Center in Koblenz, Germany. This project is distinguished by a variety of shapes, forms and colors of the applied luminaires. Among them is the LUNA system in different shapes and sizes – from circles with diameters of 80 cm to 4 meters, to trapezoidal and triangular forms – installed either individually or in collective configurations. The luminous surface in most of these luminaires is a special printed fabric. The colorful prints reflect the character and atmosphere of the facility and were produced precisely according to the investor's requirements.

### Löhr-Center in Koblenz with ES-SYSTEM lighting

The light sources are made up of LED modules with two types of LEDs with warm and cool color temperatures. The lighting control system is based on the DALI type 8 protocol and allows for the dynamic regulation of the color temperature and lighting intensity. All of the interiors are complemented by decorative pendant luminaires in the form of chandeliers produced in several unique shapes. Each of them is illuminated from the inside with LEDs.

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*ES-SYSTEM S.A. is the largest Polish company in the lighting sector in the section of professional lighting technology for construction: general, architectural, residential, industrial, specialist and exterior. The Company forms a specialist Capital Group with its own production plants, determining the directions for the lighting branch's development in the areas of innovative technological solutions, energy saving and design. The development strategy of the Group assumes strengthening the position of the national leader in the sector and the dynamic increase in export sales on the EU market and in other highly developed countries*