

An aerial night photograph of the Mioveni Hospital, a large multi-story building with a modern facade. The building is illuminated with warm white lights from within and along its edges. The name 'SPITALUL MIOVENI' is displayed in large, bright green neon letters on the top of the building. In the top left corner, there is a white box containing the Philips logo and the word 'Health'. In the top right corner, there is a circular logo with the word 'LED' inside. The background shows a dark night sky and some distant city lights.

PHILIPS

Health



Mioveni Hospital

– quality lighting
for superior medical services

Mioveni, Romania



The concept and the solution

In order to respond as effectively as possible to the challenge, the Signify team got involved since the design stage, so that the Mioveni Hospital became the first medical unit built entirely with Philips products, both indoors and outdoors.

A LED lighting system was chosen as a solution, using mainly Cleanroom lighting fixtures, adequate for ensuring the strict hygiene standards, because they prevent the dust and other germs from getting inside them. Such high-protection luminaires were installed in all the hospital areas – regardless of whether it was an operating room, a hallway or a hospital room.

Equipped with the latest LED engines, these Cleanroom luminaires are the ideal solution, delivering the best energy performance on the market – much better and fluorescent tube solutions – over 50.000 operational hours, without maintenance. This converts into lower costs over the entire lifetime of the light sources and thus an excellent return on investment.

The Challenge

Mioveni City Hospital is a highly significant institution for the region. It is a massive building, comprising 6 floors, ground and basement, with a total area of 19.4000 m2 and advanced technological equipment, bringing it up to the European standards. The unit serves a number of 80.000 people, city dwellers and employees of the two important industrial platforms in the area - Automobile Dacia and the Nuclear Research Institute.

Developing an adequate lighting solution was mandatory, in order to ensure the high standards of hygiene and safety requirements for medical facilities, while also contributing to energy efficiency and cost reduction.





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The project is very complex and it involved lighting for both indoors and outdoors, including the parking and the façade. We chose products from our manufacturer Ilti Luce, which provides an energy efficient solution, while also managing to highlight the hospital’s architecture. Through the collaboration between the manufacturer of the electrical installations Eden Design and Signify, the plans of the Mioveni City Hall have come true.”

– Andreea Doncea,
Key Account Manager Retail & Hospitality, Signify SEE

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The lighting concept at Mioveni hospital was based on the medical activity carried out in the hospital and the medical circuits. The selection of lighting fixtures considered the cleaning class of which they are part of, for a better medical safety of patients and of the medical activity. 80% of the lighting fixtures used in this project belong to this category of Cleanroom luminaires, class 1.”

– Aurel Vilceanu,
Lighting Application Specialist, Signify

