

Lighting of Liget Gallery in City Park

The Liget Gallery located on the outskirts of the City Park has been accepting art works and exhibits from artists more than 30 years. Although its lighting system was not so old, but it has been thoroughly outdated. In the tiny room, there is a 3-phase (3-circuit) lighting track system. The main problems meant the outdated luminaires and the not perfect compatibility between the luminaire mounting adapters and the lighting track. Therefore the luminaires were difficult to relocate in another place when the exhibition should be changed, thus losing one of the main advantages of the track systems. Although the colour rendition of the halogen lamps is excellent, but they produced light in energy wasting manner at today's technical level. Nowadays, one can everywhere hear, that the LED lamp or luminaire is the „perfect” one, but they have inherent disadvantages, of course. In everyday life is not as flashy, but one of its weakness is its colour rendition. The commercial types have typically $Ra = 60-75$, but also the products of reputable manufacturers have only around 80-85 Ra values. The Pablo luminaire from the German RIDI and the Austrian Tridonic SLE ART LED module proved as an optimum solution for this task. This special LED module is specifically designed for tasks requiring superior colour rendition, keeping of course the efficiency advantages of LED technology. Its colour rendering index is $Ra = 98$, while its efficiency is 124lm/W (the system efficiency is 106 lm/W). The Pablo luminaire is one of the most versatile track lamps of RIDI: they offer three kinds of light distributions owing its 3 types of reflectors. As addendum, also several accessories can be used for the luminaires, including colour, UV and IR filters, honeycomb grids, etc. When the lighting task changes, the reflector (available as a spare part) can be replaced without tools, while the luminaire house may remain unchanged.

It can be said, that in the Gallery such a lighting system was built, which uses the latest technical possibilities, greatly increasing the visitors' experiences

