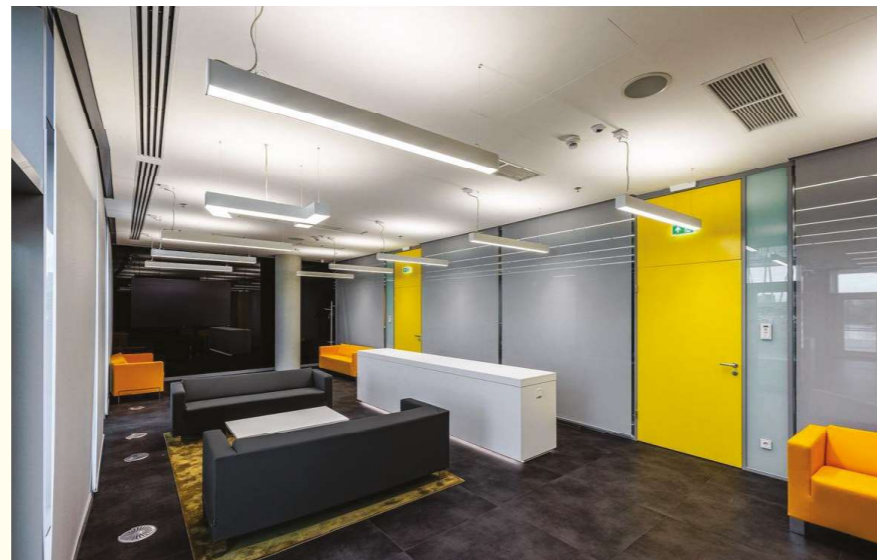
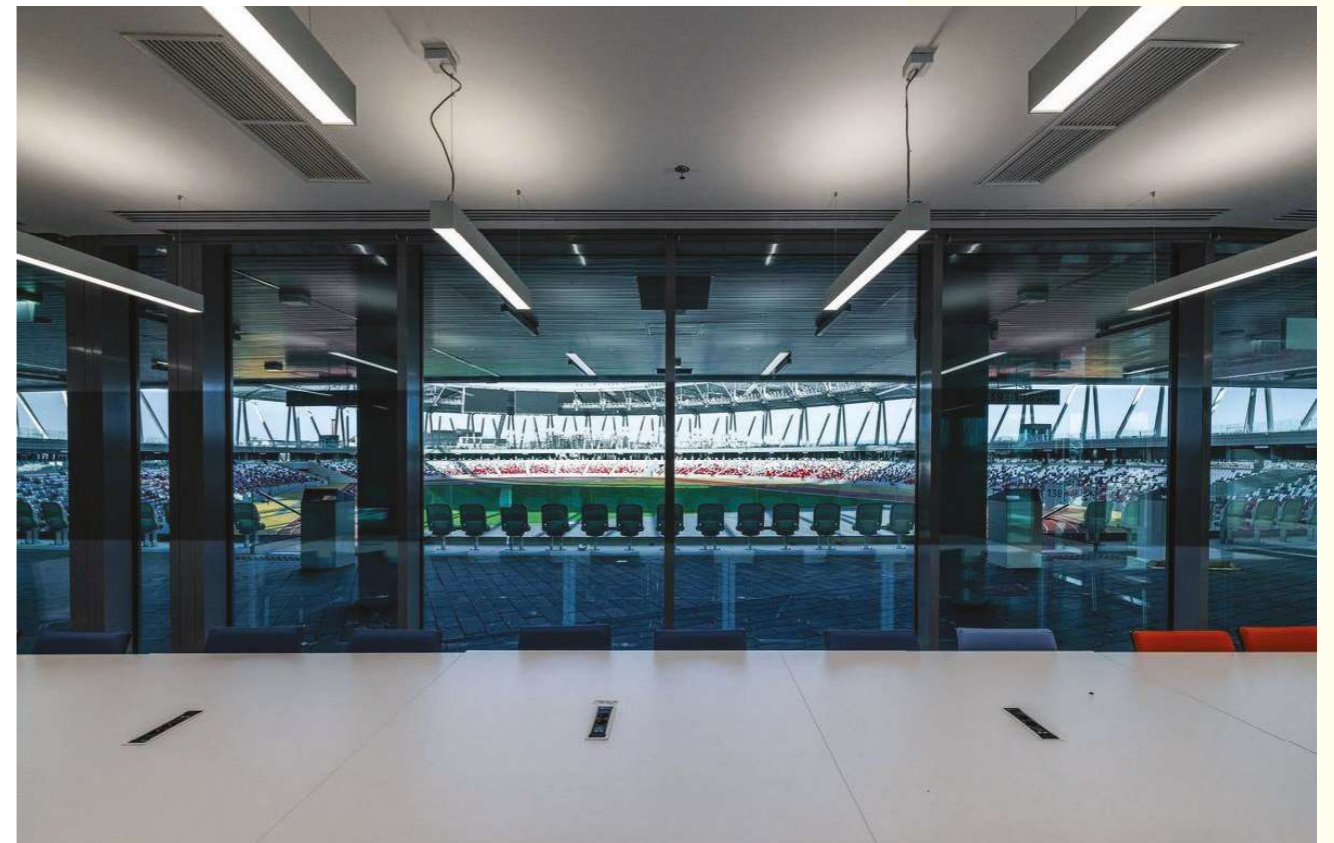


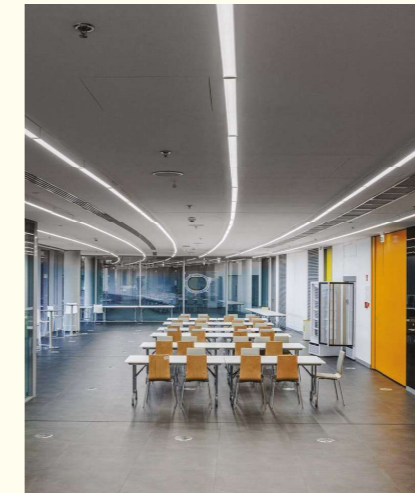


# Athletic Stadium

Year: 2023  
Space type: Public  
Situating: Budapest, HU



The specifications of the luminaires, width of the profiles and optical materials were optimised to achieve a satisfactory price while maintaining the necessary parameters.



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Sited: Budapest, HU

## About project

The 75,000 m2 National Athletics Centre, known as the "Crown of the Queen of Sport", is not only a place of sporting performance, but an embodiment of innovation and urban planning. Completed at the end of summer 2023, the stand for the world's athletic elite cost 650 million euros.

Thanks to the striking interior design by NAPUR Architect Kft. (architect Marcel FERENCZ) and the spectacular steel roof structure, it is already a landmark of the city. In its basic operation, the stadium offers a fixed lower stand with a capacity of 15,000 seats, which can be extended by a temporary upper stand with a capacity of 20,000 seats for larger competitions. The fully roofed stadium features a roof structure that has been designed for long-term use in competitive events as well as outside of the top events. This has created an attractive urban space with a total area of 1,500,000 m2, which meets the highest standards of Hungary but also of the entire EU. During weekdays, the upper stands of the stadium are transformed into a centre for sports enthusiasts, who can use the indoor and illuminated running track, roller skating track, streetworkout zone, training facilities and various refreshment areas.

▣ This project for Halla started in April 2019, when the calculations for the Hungarian partner Rio lampastudio began. Over the years, the specifications of the luminaires, the width of the profiles, the optical materials were changed to achieve a satisfactory price while maintaining the necessary parameters. Once agreed, we were then able to supply 2850 pieces of Lina80 and Lipo60 luminaires to the customer's request in three deliveries - one, two and three months each to make everything work with the construction. In total, we have thus equipped the spectator facilities virtually all over the sports stadium, including the exclusive VIP areas, with 3,300 metres of linear luminaires. The project was carried out in cooperation with WHB Elektro Kft and Zala Elektro Kft consortium.

## Lighting used



Lina60



Lina80



**2850**

pieces of linear luminaires in the project

**3300**

meters of Lina60 and Lina80 luminaires

**70**

working days for the production and delivery

**0,24%**

share of claimed luminaires



**Pataky Gergely**  
(Project Manager, Rio Lámpastúdió Kft.)

Although our solution was by no means the cheapest, it succeeded mainly due to meeting strict technical requirements in the right balance of price and quality.