



YOUNG ATHLETES UNDER HIGH- PERFORMANCE LIGHT

Fabijoniskiu and Taikos Progymnasium, Vilnius

KEY FACTS

LIGHT IN OPTIMAL FORM

With precise color reproduction, even illumination, and reduced glare, the lighting solutions from LEDVANCE create an optimal light environment for the training of young athletes.

LESS MAINTENANCE

Innovative LED technology, long rated lifespans, and a reduced number of luminaires reduce effort and costs for the maintenance of hall lighting.

ALL FOR SPORT

With special tools like the BALLPROOF cover and a robust design, the LOW BAY FLEX luminaires are precisely designed for the requirements in sports halls.

EFFICIENT ENERGY USE

Thanks to a light output of up to 160 lm/W, the used LED luminaires demonstrate high efficiency and energy savings compared to conventional halogen floodlights of up to 4 times.

LOW BAY FLEX BALLPROOF



FLOODLIGHT PFM 150W ASYM



BEST LIGHT FOR VERY BEST RESULTS – LEDVANCE SPORTS HALL LIGHTING

As part of a collaboration with the Lithuanian basketball school SKM, LEDVANCE has developed and implemented lighting solutions for the sports halls of Fabijoniskiu Gymnasium and Taikos Progymnasium in Vilnius. These solutions aim to improve light quality and sustainably reduce energy costs and maintenance efforts.

THE CHALLENGE

SKM, as Lithuania's largest basketball school, conducts daily training sessions nationwide with around 4,000 children and teenagers in various sports halls. In 2022, in collaboration with LEDVANCE, the lighting quality of the schools was assessed to potentially convince operators of halls with poor lighting conditions to renew their hall lighting.

THE SOLUTION

SKM chose to collaborate with LEDVANCE to enhance the lighting in the sports halls sustainably. Leveraging their extensive experience in lighting sports facilities, LEDVANCE competently and transparently explained the importance of high-quality, modern, and efficient lighting solutions for the well-being of children and teenagers. They also presented tailored improvement suggestions for each sports hall based on detailed energy and lighting audits. Against this backdrop, SKM and LEDVANCE persuaded Fabijoniskiu Gymnasium and Taikos Progymnasium in Vilnius to comprehensively renew the lighting of their

respective sports halls by installing 14 FLOODLIGHT PFM 150W ASYM and 20 LOW BAY FLEX BALLPROOF luminaires.

THE BENEFITS

The lighting modernization resulted in a significant improvement in light quality in both sports halls. Both the FLOODLIGHT and LOW BAY FLEX luminaires impress with uniform light, excellent color reproduction (CRI>80), and reduced glare. The LOW BAY FLEX luminaires, with the BALLPROOF cover, are specifically suitable for use in sports halls. Due to the lower quantity required and a lifespan of up to 100,000 hours, the LOW BAY FLEX luminaires also reduce energy and maintenance costs by a factor of 3. Similarly, compared to conventional halogen floodlights, the FLOODLIGHT luminaires enable energy savings of up to 4 times and a reduction in energy and maintenance costs by a factor of 2.5.

"A modern sports hall lighting not only increases efficiency and saves energy costs but also creates optimal conditions for everyone – for school children and teachers as well as for coaches and athletes in clubs. The lighting solutions from LEDVANCE set a new standard for this."

Andrius Čerškus, founder SKM

SUMMARY

The leading Lithuanian basketball school SKM, in collaboration with LEDVANCE, is committed to improving lighting in domestic sports halls. As part of this collaboration, LEDVANCE has designed and implemented new LED lighting solutions for the sports halls of Taikos Progymnasium and Fabijoniskiu Gymnasium in Vilnius. These solutions not only significantly enhance lighting quality but also enable substantial savings in energy consumption and maintenance efforts



TAIKOS Progymnasium



FABIJONISKIU Gymnasium