



LEDVANCE

# GAME, SET AND PERFECT VISION

Tennis Club in Mogliano Veneto, Italy

## KEY FACTS

### CONSISTENTLY POWERFUL

Lumen packages of up to 70 000 lm, an average illuminance of 530 lux and minimised glare and shadow formation provide athletes with perfectly uniform lighting.

### ATHLETICALLY ECONOMICAL

The LED floodlights impress with a light output of up to 166 lm/W and energy savings of up to 91% compared to halogen floodlights.

### ILLUMINATED TO THE HIGHEST STANDARDS

The lighting solution meets the highest FITP competition standards, making the courts suitable for professional-level matches and tournaments.

### LONG-TERM PROFITABILITY

Thanks to a service life (L70/B50) of up to 120 000 hours (at 25 °C) and a 5-year warranty, the effort and costs involved in maintaining the LED luminaires are reduced.

### FLOODLIGHT FLEX 180W and 360W ML 840 A55x120 WAL



# SCORE WITH THE BEST LIGHTING – LED SOLUTIONS FOR SPORTS FACILITIES

**LEDVANCE has upgraded the lighting at the tennis club in Mogliano Veneto near Venice with new LED floodlights, achieving a top standard that optimally combines energy efficiency, precision and excellent playability for athletes of all skill levels.**

## THE CHALLENGE

The tennis club in Mogliano Veneto in northern Italy operates two outdoor tennis courts whose lighting no longer met modern standards. For this reason, the outdoor lighting was completely modernised in order to improve visibility for athletes with optimised illuminance and light distribution, to meet the technical requirements for hosting high-class tournaments, and at the same time to reduce energy and maintenance costs with a modern LED solution.

## THE SOLUTION

The customer opted for a lighting solution from LEDVANCE. This was due, on the one hand, to the brand's special technical expertise in the field of sports facility lighting and, on the other hand, to its comprehensive range of lighting solutions specially tailored to the requirements of professional tennis. The performance guarantee of the LED luminaires was also an important factor, which even exceeded the requirements of the FITP standards in terms of illuminance. With this in

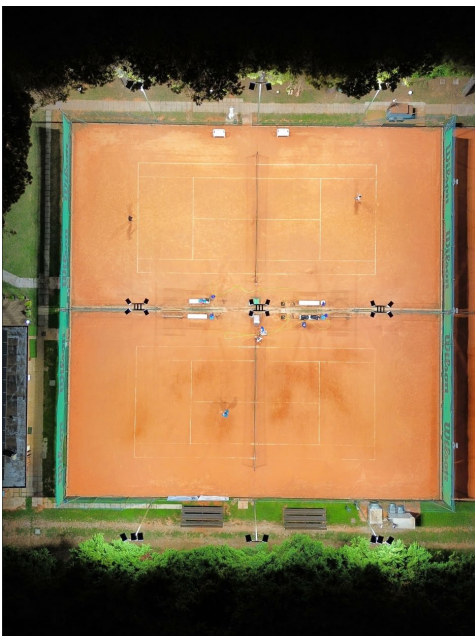
mind, the experts at LEDVANCE designed a tailor-made lighting concept for the customer and equipped the tennis courts with 12 FLOODLIGHT FLEX 180W and 16 FLOODLIGHT FLEX 360W floodlights.

## THE BENEFITS

The new LED floodlights at the tennis facility in Mogliano Veneto offer a number of advantages: with lumen packages of up to 70 000 lm and an average illuminance of 530 lux across the entire court and 573 lux in the main playing area, consistently optimal brightness is guaranteed. High light uniformity (up to 0.89 in the main playing area) also minimises shadows and glare for players. Thanks to these excellent lighting conditions, the new lighting solution meets the highest level of FITP competition standards, making the courts suitable for professional-level matches and tournaments. The LED floodlights also impress with a light output of up to 166 lm/W and energy savings of up to 91% compared to halogen floodlights. And thanks to an extremely long service life (L70/B50) of up to 120 000 hours (at 25 °C)

„We are extremely satisfied with the result of this project. The new LEDVANCE lighting system has elevated our tennis courts to professional standards, with uniform light distribution and brightness levels that go beyond what we expected. The precision between the design phase and real on-site performance has been remarkable, and the support provided throughout the process was outstanding. Today, our players can enjoy top-level conditions that truly make a difference in training and competition“

Alfredo Vianello, Tennis Club  
President



Precision lighting on the tennis courts means players can fully focus on their rallies.

and a 5-year warranty, the long-term effort and costs for maintaining the LED luminaires are minimised.

## SUMMARY

LEDVANCE designed and implemented the modernisation of the lighting system on two outdoor tennis courts in Mogliano Veneto in northern Italy with a total of 28 FLOODLIGHT FLEX luminaires. The LED floodlights provide optimum lighting conditions with precisely coordinated illuminance levels and reduced glare, which also meet FITP standards. With energy savings of up to 91%, a 5-year warranty and a rated service life of up to 120 000 hours.

Customer: TENNIS CLUB MOGLIANO VENETO