



hop
HOUSE of PADEL

LEDVANCE

HIGH PERFORMANCE ALWAYS ON TOP

HOUSE OF PADEL,
CASTEL MELLA, ITALY

KEY FACTS

ALWAYS THE RIGHT SOLUTION

LEDVANCE offers tailored, efficient lighting solutions for 6 paddle courts, the reception and relaxation areas, dressing rooms, and outdoor parking.

MAINTENANCE MADE EASY

A 5-year warranty and lifetimes of up to 100,000 hours minimize effort and costs for the maintenance of the LED lights.

HIGHEST STANDARDS FOR SPORTS FACILITY LIGHTING

The FLOODLIGHT HIGH POWER lights meet the Class I and Class II requirements of EN 12193:2019 regarding light quality and visual comfort.

TV BROADCASTING GUARANTEED

LEDVANCE luminaires for padel courts ensure uniform illumination CLASS I (750 lux, 0.7 uniformity), suitable for TV broadcasting and international competitions.

FLOODLIGHT HIGH POWER



FLOODLIGHT PERFORMANCE



STREETLIGHT FLEX



UNBEATABLE PERFORMANCE: A FOREHAND SHOT BY LEDVANCE

LEDVANCE designs and implements a lighting concept for the House of Padel that illuminates various areas of the sports facility in a targeted, compliant, energy-efficient, and smash-proof manner, using a wide range of LED solutions for sports and hospitality.

THE CHALLENGE

The House of Padel in Castel Mella near Brescia offers a state-of-the-art sports facility spanning 2,500 square meters, making it a unique center for padel sports. Professionals and recreational players will find an ideal environment on the six courts of the new facility. An extensive lighting concept for the courts, lounge, changing rooms, and outdoor areas is designed to provide athletes with perfect conditions, comply with all regulations, and combine efficient energy use with easy installation and low maintenance costs.

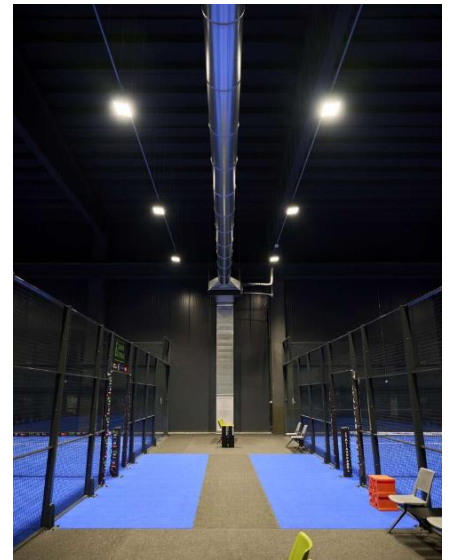
THE SOLUTION for SPORTS / OUTDOOR

The operators of the House of Padel commissioned LEDVANCE to design and implement lighting for the padel courts as well as the outdoor areas of the facility. The LEDVANCE team developed an innovative lighting concept based on modern LED lights that meets all legal requirements for the

illumination of sports courts and also provides strong and efficient lighting in the outdoor areas to enhance the comfort and sense of security for guests. Accordingly, 45 FLOODLIGHT HP luminaires were installed around the six padel courts. The facade and outdoor areas of the facility were equipped with 12 FLOODLIGHT PFM and 6 STREETLIGHT FLEX luminaires.

THE BENEFITS for SPORTS / OUTDOOR

The court lighting with FLOODLIGHT HIGH POWER luminaires provides a strong and uniform light distribution with a luminous flux of 40,500 lm and an efficiency of 135 lm/W, meeting the Class I and Class II requirements of the EN 12193:2019 sports regulation regarding light quality and visual comfort. As a result, the lighting of the four courts illuminated according to Class I requirements is also suitable for the TV broadcasting of



House of Padel court

international competitions. An energy saving of up to 90% compared to traditional halogen floodlights demonstrates the high energy efficiency of the floodlight luminaires. In the outdoor areas, for example, the STREETLIGHT FLEX luminaires ensure long-lasting performance through robust design and top-quality components, and with three selectable light colors, they provide optimal lighting for various environments. The tool-free housing opening and convenient push-button connection terminals make the installation of the lights particularly easy. Additionally, with a five-year warranty and a nominal lifetime of up to 100,000 hours (L70/B50 at 25°C), the LED lights reduce the effort and costs for maintaining the court and outdoor lighting at the House of Padel.



House of Padel court

LEDVANCE also designed customized, energy-efficient lighting for the lounge, reception, and dressing rooms at the House of Padel, enhancing the experience for guests and staff while minimizing maintenance costs.

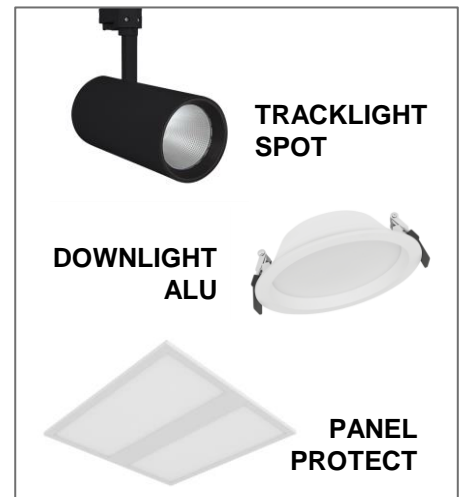
THE SOLUTION for HOSPITALITY / INDOOR

Thanks to its comprehensive product range and customer-focused advice, the customer chose LEDVANCE to design the lighting for the lounge, reception, and changing areas. In this regard, the experts at LEDVANCE developed customized lighting solutions that perfectly matched the specific lighting needs of guests and staff in each environment, while meeting the highest standards of user-friendliness and energy efficiency. LEDVANCE equipped the lounge and reception at the House of Padel with 16 SPOTLIGHTS LEDs, 5 TRACKLIGHTS, 3 DOWNLIGHTS and STRIP LEDs. In the changing rooms, 18 PANEL LEDs and 15 DOWNLIGHTS were installed.

THE BENEFITS for HOSPITALITY / INDOOR

In the lounge and reception areas, the SPOTLIGHTS LEDs blend perfectly with the existing architecture thanks

to their functional and minimalist design. They allow for easy and quick installation, providing strong and pleasant lighting with a high luminous efficacy of 85 lm/W and a warm white color temperature of 3,000 K. The TRACKLIGHT SPOTS impress with minimal glare (UGR < 16) and flicker-free light, thanks to a deep reflector. This is also true for the PANEL PFM lights in the changing rooms and showers, which offer a high luminous efficacy of up to 110 lm/W, ensuring efficient energy use. The PANEL PROTECT lights, with their IP54 rating, are especially suitable for applications requiring higher protection and enhanced impact resistance. The DOWNLIGHT ALU luminaires combine functional design with very uniform light and an energy saving of up to 60% compared to conventional compact fluorescent lamps. Additionally, the LED lights in the lounge and changing areas reduce maintenance efforts and costs with a 5-year warranty and a nominal lifetime of up to 100,000 hours (L70/B50 at 25°C).



SUMMARY

The House of Padel, located near Brescia, offers a state-of-the-art sports facility spanning 2,500 square meters, for which LEDVANCE developed an innovative and efficient lighting concept. With the installation of approximately 150 LED luminaires, the lighting solutions for the courts, outdoor areas, lounge, and changing rooms not only meet the legal requirements for light quality and visual comfort but also set new standards in user comfort, energy efficiency, design, and easy maintenance.



House of Padel reception



House of Padel dressing room