

## CASE STUDY



LEDVANCE

# FAST AS LIGHTING

GRINDSTED SPEEDWAY KLUB,  
GSK LIGA, DENMARK

### KEY FACTS

#### EXTREME BRIGHTNESS WITH WIDE AND ASYMMETRIC LIGHT DISTRIBUTION

This luminaire type ensures outstanding, uniform and reliable lighting with high lumen output across the speedway track. The individual adjustability of each floodlight's beam angle optimises rider safety, enhances the audience experience, and supports high-quality video recording at any time of day.

#### DIMMABLE FLOODLIGHTS

For standard training sessions or maintenance, the lighting can be dimmed and adjusted as needed.

#### DURABLE, WEATHER-RESISTANT AND COST-EFFECTIVE SOLUTION

With an IP66 rating, the luminaire is perfectly suited for Danish weather conditions. Offering long service life, low energy use and minimal maintenance.

#### FL MAX LUM P 1200W 757 ASYM 50x110 WAL



# OUTDOOR LIGHTING FOR TOP-LEAGUE SPEEDWAY TRACK

The lighting solution combines high performance, durability, driving safety, flexibility and a professional experience.

## THE CHALLENGE

Until now, Grindsted Speedway Klub had no permanent lighting system – only renting floodlights for special occasions. Competing in Denmark's top league, the club had ambitious goals and required evening racing capabilities. The aim was to acquire a reliable, high-quality lighting system at a cost-effective price. Rider safety, spectator experience and video recording quality were all top priorities.

## THE SOLUTION

Grindsted Speedway Klub installed 32 adjustable LED luminaires of type FLOODLIGHT MAX LUM P 1200W 757ASYM50x110WAL, featuring a modular design with separate power supply and high-efficiency floodlights delivering up to 135 lm/W. Investor and sponsor Gorm Pedersen, who is also project developer and current director of GSK Liga, learned through his professional network about LEDVANCE's offerings. In close cooperation and with guidance from LEDVANCE, the club selected the ideal solution. Installation was handled by a local electrical contractor to support the regional economy. Final beam alignment was carried out by LEDVANCE.

## THE BENEFITS

The technical advantages of the selected luminaire include especially powerful brightness and asymmetric light distribution, which covers large areas without causing glare, light pollution, unwanted shadows or dark spots. This significantly enhances rider safety and supports excellent video recording quality. Long service life, energy efficiency and the durable, flexible, modular design with minimal maintenance were also key factors in the decision. An added benefit is that the lighting has zero upward light output (ULOR = 0%), avoiding unnecessary light pollution in the surrounding area.

## SUMMARY

Grindsted Speedway Klub upgraded their track with premium lighting using high-performance, flexible LEDVANCE LED Floodlight Max luminaires. A total of 32 luminaires were mounted on 16 light masts to meet the needs of a top-tier speedway track – where safety, experience and broadcasting quality must all be at the highest level.

Customer: Grindsted Speedway Klub – GSK Liga

“LEDVANCE delivered a powerful, reliable lighting solution that ensures maximum safety and comfort for our riders, while meeting the expectations of spectators and media. We're very satisfied with the result and had excellent cooperation throughout the process.”

*Gorm Pedersen, Director, Investor and Sponsor in GSK Liga*



Riders at Grindsted Speedway Klub have expressed great satisfaction with the result

