

CASE STUDY



Photo credit: skeon digital

1. FC Bocholt – Modern LED floodlight system

With the modernization of its floodlight system, 1. FC Bocholt is investing in a future-proof lighting solution for its Regionalliga West matches and professional TV broadcasts.

A total of **120 STAR Sport LED floodlights**, each rated at **1,350 watts** and installed on four 35-meter-high floodlight masts, ensure precise and uniform illumination of the playing field. With an **average illuminance of >1,000 lux**, the system meets the requirements for high-quality HDTV productions

and creates optimal conditions for players, spectators, and the media.

Intelligent lighting management based on **DALI and EnOcean** wireless technology also enables flexible and energy-efficient control of various lighting scenarios—from training sessions to events.

Modern lighting for
professional soccer.



CASE STUDY | 1. FC BOCHOLT





STAR Sport Gen. 3
1.350W

RESULTS

HDTV-compliant field lighting

>1.000 LUX

Uniform illumination

120 LED SPOTLIGHTS

Precise Light Distribution

4 FLOODLIGHT POLES

An average illuminance of >1,000 lux provides the conditions necessary for HDTV-compliant broadcasts and optimal visibility on the field. A total of 120 high-performance LED floodlights ensure uniform illumination, while their installation on four 35-meter-high floodlight masts enables precise light distribution across the entire playing surface.

The result is a cost-effective, high-performance, and future-proof floodlighting solution that combines the highest technical standards with long-term operational reliability.