



Case Study Brocton Football Club

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Leaders in Lighting

About Our Client:

Brocton FC is a football club located in the village of Brocton, near Stafford, England. Founded in 1937 and nicknamed "The Badgers," the club has a proud history deeply rooted in the local community. Initially competing in amateur leagues, Brocton gradually progressed up the football pyramid, demonstrating consistent growth and development both on and off the pitch.

In the early years, the team played on various local pitches before settling at Silkmore Lane in Stafford, which served as their home ground for many years. Today, they compete at the well-maintained Coppice Colliery Ground, which offers modern facilities for both players and fans.



The Challenge:

Recently, Brocton FC partnered with Abacus Lighting to retrofit their existing floodlighting system with advanced Challenger 1 luminaires. This new LED system offers numerous benefits for the club. The luminaires provide crisp, uniform lighting across the pitch, enhancing visibility for players and officials during evening matches and training sessions. The superior energy efficiency of LEDs significantly lowers the club's energy consumption and costs, contributing to a more sustainable operation.

Furthermore, the Challenger 1 LED luminaires have a longer lifespan and require less maintenance compared to traditional lighting systems, which minimises downtime and reduces future expenses. The precision lighting of the system decreases light spill and glare, ensuring compliance with environmental standards while maintaining excellent illumination for both fans and players.

This lighting upgrade is a crucial step for Brocton FC, allowing the club to host higher-profile matches and providing a professional-quality environment for its teams. By investing in modern facilities, Brocton FC demonstrates its ambition and commitment to growth, community engagement, and sporting excellence.





The Benefits to Brocton FC:

Superior Lighting Quality

Benefit: Offers clear, uniform illumination across the pitch, ensuring consistent light levels and accurate color representation.

Impact: Enhances visibility for players, officials, and fans, thereby improving the quality of matches and training sessions, especially during evening events.

Sustainability

Benefit: Utilises environmentally friendly technology that results in a smaller carbon footprint.

Impact: Supports the club's commitment to sustainability, contributing to a more environmentally responsible operation.

Long Lifespan and Low Maintenance

Benefit: Durable design guarantees a long operational life with minimal maintenance requirements.

Impact: Decreases downtime and reduces long-term maintenance costs, saving the club both time and resources.

Reduced Light Spill and Glare

Benefit: Precision optics minimise light spill and glare, directing light exactly where it is needed.

Impact: Ensures compliance with environmental regulations and provides a better experience for nearby residents, while maintaining optimal lighting for players and spectators.

Challenger 1 LED

The cutting edge of floodlighting technology



Key Features:

- Flat glass, double asymmetric luminaire
- Elegant and unobtrusive low-profile design
- Available in variants of 2, 4, and 6 modules, ranging from 400W to 1500W
- Designed by Abacus, featuring medium and narrow light distribution specifically for sports lighting
- Options for integral or remote drivers; weighs 29.6 kg for the 6-module version, with an IP66 rating
- Anti-corrosion powder-coated finish



If you are looking for lighting solutions in the sports sector, please contact
Abacus Lighting using the options below: