



CASE STUDY

“The light quality is crisp and great to play under...the increased reliability means we won't have to replace our lighting for years to come.”

James Cooper
Member of the Newton Abbot Recreational Trust





Before

The Project

With squash and tennis courts widely regarded as some of the finest in Devon, Newton Abbot Squash and Tennis Club had a reputation for quality facilities to uphold. Operating out of five squash courts and five tennis courts playing host to tournaments, competitions and a full calendar of friendly games, quality, reliable lighting was essential.

The Club had been replacing fluorescent tubes for more than 20 years, and costs were mounting. These tubes would reportedly often blow out and the fluorescent ballasts would fail, forcing the courts to close down for periods while they were replaced. Reaching the courts' high ceilings meant this downtime could be a significant and frustrating problem for the Club's members; both financially and logistically.

The cost implications of energy inefficient fluorescent technology, frequent maintenance calls and forced downtime encouraged the Club to approach their local electrical wholesaler to find a solution.



After

The Solution

NET LED Lighting's LED NCF Luminaires were specified for the job. Resembling a traditional batten fitting, the NCF Luminaire incorporates rows of SMD LEDs mounted on a plate within a robust diffuser. A cool white 5500K colour temperature and colour rendering index greater than 80 ensures lighting is crisp and bright in appearance, and surroundings are rendered in true-to-life colours.

With a lifetime expectancy upwards of 50,000 hours and IP65-rated housing, the burden of maintenance and downtime to replace fluorescent tubes has been eliminated.

The all-polycarbonate housing is completely shatterproof, making it safe for use around volatile sports equipment. It is also rendered dust and moisture-proof by the completely sealed IP65-rated enclosure.

The Result

With NET LED Lighting's LED NCF Luminaires, Newton Abbot Squash and Tennis Club is expected to save 55% on their energy spend. Maintenance needs have also diminished, as well as the associated costs, due to the fixtures' 50,000 hour lifespan.

"The light quality is crisp and great to play under," said James Cooper, member of Newton Abbot Squash and Tennis Club management.

"The instant on/off functionality is useful, and the increased reliability means we don't have to frequently replace our lighting and won't for years to come."

Products Installed:

LED NCF Luminaires

