

# Case study: West Tamworth Tennis Club



Energy: LED



Industry: Recreation

## Results

Energy savings	65% reduction
Annual lighting energy saving	27,430 kWh
Lighting output improvement	40%

## Energy efficient products used

Product	Quantity
Shine On Caravel High Mast LED Floodlight	35



West Tamworth Tennis Club has seven tennis courts that are used throughout the day and evening.

## Background

West Tamworth Tennis Club wanted to improve the existing lighting experience for their players as well as reduce the amount of energy the courts consumed.

## The project

Shine On provided thirty-five of our Caravel High Mast LED Floodlights. The Caravel has been specifically designed for outdoor court applications, providing even light distribution and an extremely low glare index.

## Results

The tennis club is now saving 65% on their annual lighting energy costs with a 40% increase in the lighting levels seen on court.

Prior to upgrade the average lux across the seven courts was 274 lux with a target improvement of 28% (350 lux). The achieved results are a 40% improvement in lighting output with an average of 383 lux across the courts.

Needless to say, both the client and players are very happy with the results.

*"West Tamworth Tennis Club were very happy with the technical knowledge, processes and implementation adopted by Shine On in our LED lighting upgrade. They completed design options for us to consider, which helped in a big way. The actual lighting results and energy savings achieved are outstanding."*

Tim Keen  
Committee member, West Tamworth Tennis Club

