



Wandana Heights Tennis Club

Case Study



Energy: LED



Industry: Sport



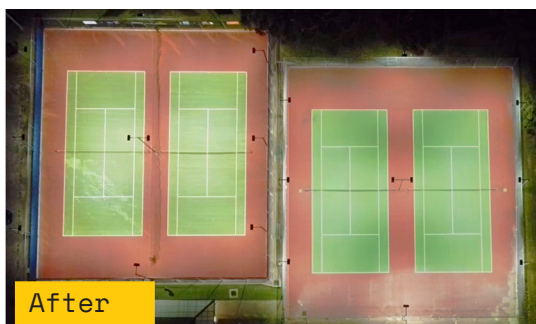
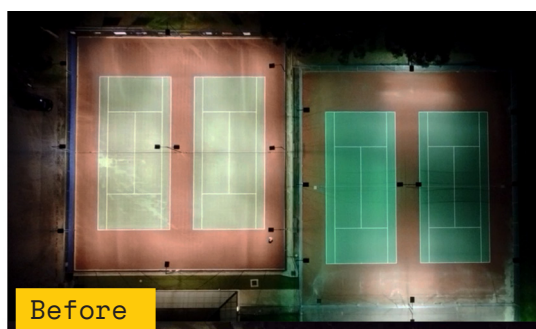
Number of LED lights
20



Average light output
450 lux



Annual energy savings
\$1,140



Product

Caravel Mk2 500W Sports Light

Quantity

20

Wandana Heights Tennis Club is an outdoor tennis club boasting over 140 members and six courts in Geelong.

Background

Wandana Heights Tennis Club had long been using outdated metal halide lights for their courts. Most of the lights were either not working, or they were getting to the end of their life with lighting levels below any required standards for tennis.

The project

The Club wanted to retain the existing poles which is often not possible when upgrading to much heavier LED technology. Luckily the Shine On Caravel Mk2 LED Sports Light is designed specifically for this purpose. Its light weight and flexible mounting options make it perfect for pole lighting retrofits.

In a great effort to minimise the impact on the tennis club, we managed to upgrade 20 poles with one light on each pole in a single day.

Results

The courts upgraded have gone from an average lighting output of less than 100 lux to 450 lux - club competition standard for tennis.

An added bonus of the upgrade was the energy savings of over \$1,000 a year due to the lower wattage LED replacement. Win win for all.



I would like to thank Levi and the team at Shine On for making this all possible. They have been very helpful and professional and kept us informed throughout the whole process. The community of Wandana Heights will now be able to play tennis under bright lights for years to come.

— Phil O, Club President