



Sydney Uni Sport & Fitness

Case Study



Energy: LED



Industry: Sports



Number of lights

28



Lux improvement

100%



Lighting standard

National competition

Product

Shine On Caravel Mk2 700W/500W Sports Lights

Quantity

28

Sydney Uni Sport & Fitness manages and administers more than 40 sport and recreation clubs and offers a range of sporting facilities to students and the wider Sydney community. This includes six tennis courts - three artificial grass courts and three hard courts.

Background

Sydney Uni Sport & Fitness were looking to upgrade their tennis court lights to LED, as the old lights were losing their output and the light wasn't consistent across the courts, with many dark spots. Shine On was selected to undertake the upgrade as we presented a solution where they were able to retain the existing poles.

The project

Sydney Uni Sport & Fitness wanted the courts to achieve 650 lux for national competition standards. This was achieved by replacing one-for-one the metal halide box lights with 12 x 500W Caravel Mk2 LED Sports Lights on the poles in between the courts, and 16 x 700W Caravel Mk2 LED Sports Lights for the poles surrounding the courts. Six lights were installed directly on to the wall of the gymnasium overlooking the courts.

The entire installation of 28 lights and night time aiming, only took one day.

Results

The tennis courts are now achieving an average light output of 680 lux, an improvement of over 300 lux. There are no more dark spots and each court is fully functional at night for their various competitions and to rent out to the wider community.



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