



Homewood Park Tennis Club

LED Luminaire wins qualifier match against traditional metal halide

When Homewood Park Tennis Club decided to light up their new tennis court, they carefully weighed up the pros and the cons of LED versus the metal halide fittings they historically used. The LED luminaire ADLT recommended is an ideal solution for new builds and is also a suitable one-for-one replacement for most existing 1000-watt metal halide luminaires.

Challenges

The challenge was to get enough light, with an even distribution, onto the court with a low pole mounting height of 7 metres. To meet the *AS 2560.2.1 Lighting for outdoor tennis* standards the lighting solution needed to provide 350 Lux on the principal playing area and 250 Lux on the total playing area.

Solutions

The Holophane HMAO was chosen as the ideal lighting solution. In terms of cost, the HMAO offers a comparable solution to metal halide fittings with many additional benefits including reduced maintenance and energy cost savings.

The HMAO comes in a forward throw optic that provided the even light distribution and required light levels at the low mounting height to comply with the standards mentioned above. The luminaires provided a low glare solution, with improved colour rendering and the added benefit of instant switch on.

In terms of maintenance, the HMAO luminaires feature glass optics and vertical ventilation slots in the heat-sink chassis that work together in creating a self-cleaning optic. The heat generated by the LEDs helps to channel cooler and denser air across the low static optical glass surface thus preventing the settling of dust particles and enhancing the lumen maintenance of the luminaire.

Key Benefits

- One for one metal halide replacement
- Low glare
- Low maintenance



“Our tennis courts have really come to life since installing the LED floodlights. We love the instant switch on and colours look brighter and more vibrant under the LED lights.

Our local paper put your excellent photo of our newly lit courts on the front page and we have had a great response with new members joining up to the new and exciting night time winter series. Our goal now is to convert the old light to these new LED type. Thank you again for your service and your great product”

- Don Wallis, Senior Club Member



Project Title

- Homewood Park Tennis Club, KatiKati

Client

- Homewood Park Tennis Club

Advanced Lighting Specialist

- Martin Jesson

Project Completion Date

- January 2017

Applications

- Sports Lighting

Product

- 8x Cree Poles, 7 metre

- 16x Holophane HMAO, forward throw optic



Product Warranties

Light Fittings – Manufacturer’s
Warranty of 5 years

