
**MEGA600**


# Case Study

Tigerlight's MegaFloods showed winning form when Greyhound Racing SA upgraded the floodlighting at the Angle Park track.

## Summary

Greyhound Racing SA wished to upgrade the track lighting at Angle Park for two main reasons:

Firstly, in response to the rising cost of maintaining their aging 3 phase 1500w floods, where replacement control gear was becoming increasingly rare.

Secondly, to improve the light levels for television coverage of the race meetings.

In the process they also reduced the operating costs of the track lighting by 63%.

## Challenge Faced

It was essential to utilise the existing 8m poles in the existing locations, together with the existing 3 phase circuitry.

Light quality and uniformity was vital.

Light levels needed to increase from the current 250 lux to over 500 lux for the television coverage.

## Solution

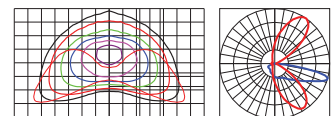
Stage one of the upgrade involved the replacement of 20 x 1500W 3-phase metal halide floodlights on 8m poles with spigot mounts.

These were replaced by 20 x Tiger 600W Mega-Flood LED floodlights, fitted with spigot mounts and 415VAC drivers.

Lux levels were increased to over 500 lux. Light spill into adjoining properties was negligible.

The brighter light combined with the 5000K colour temperature was far better for video recording.

The lighting plan called for T4M lenses which achieved sufficient forward and side-to-side light throw to produce an extremely uniform distribution across and along the track.



T4M Type IV Medium



Above and right: Brilliant, uniform light from Tiger 600W MegaFloods spigot-mounted on existing 8m poles at Angle Park, SA. [Note old 1500W MH floodlights on far side of track.]

## Tiger 600W LED MegaFloods

**84,700 lumens output at 140+ lm/W**

### MEGA600

- Sleek modular design, with stainless steel protective fascia.
- High performance LED chips with 140+ lm/W output
- Renowned Philips 277 or 415V AC drivers for proven reliability
- Polyester-coated housing in black or grey
- IP67 rating. Glass-free.



TIGER MEGAFLOODS 450-900W Replacing 1000W to 2000W HID			
<b>450W</b>	<b>600W</b>	<b>750W</b>	<b>900W</b>
63500lm	84700	105000	126000

### TOTAL FLEXIBILITY FOR ALL INSTALLATIONS

- ☒ 2 bracket options - wall/pole or spigot mount
- ☒ 4 colour temperature options, including amber
- ☒ 14 lens options, including round and asymmetrical
- ☒ Contol gear options, inc light sensors & dimming
- ☒ Low voltage DC and 415VAC options available
- ☒ Surge protection to 20kV/10kA available
- ☒ Polyester coated housing available in black or grey.



Spigot mount



Pole/wall mount

# MEGA FLOOD