



## WIN Entertainment Centre

# Case Study



Energy: LED



Industry: Sport



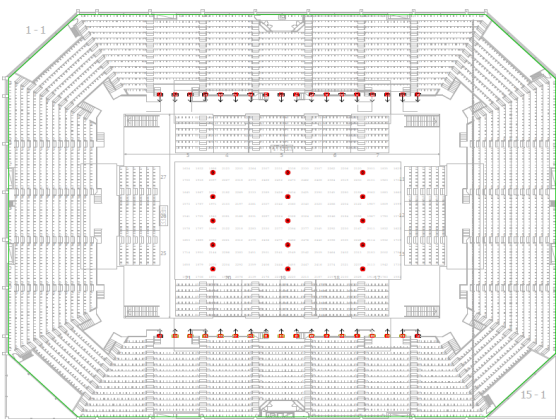
Number of lights

52



Average light output

2,000 lux



Lighting layout

### Products

Shine On 800W Caravel Mk1

### Number

37

Shine On 600W Apollo Mk4 High-CRI

15

**WIN Entertainment Centre is a 6,000-seat multi-purpose indoor arena located in Wollongong NSW. It is the home of the Illawarra Hawks basketball team, as well as a premier arena for live music.**

### Background

The centre is a fantastic facility and basketball hub, however they had not updated their lights since inception. This caused a number of issues, including dark spots, long start up times and most importantly, a lack of light output. As the sport of basketball has grown in Australia, the centre desperately needed an upgrade to showcase Wollongong's beloved Illawarra Hawks to professional broadcasts.

### The project

Broadcast quality lighting for indoor stadiums requires lighting levels of over 2,000 lux and colour rendering index (CRI) of above 90. Our lighting team designed a layout with highbays mounted directly above the court and sports lights mounted above both long sides of the court to achieve standards. The highbay was a bespoke fitting that we designed with a high CRI output. The whole project was completed in two months.

### Results

The arena was transformed from a dark, amateur sporting venue, to a professional, 2,000 lux television broadcast facility. The lights turn on instantly and stay cool which also saves the venue on air conditioning costs.

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