

Australia's first all-LED multipurpose stadium

As a new purpose-built sports venue, Optus Stadium wanted to ensure it installed the very latest lighting technology to create the best possible fan experience.

“The community have been absolutely blown away by what a fantastic facility has actually been created here in Perth. And the ability to light up the stadium with your team colors on a game day is magnificent.”

Ronnie Hurst, Project Director, Department of Sport and Recreation

Customer challenge

In 2012, the Government of Western Australia set a goal to create a multipurpose facility that delivered a unique experience for fans and the wider Perth community. In addition to year-round use, they wanted a venue that was IoT-enabled with cutting-edge technologies in order to attract domestic and international events.

Solution

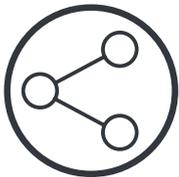
The stadium chose to install IoT-ready connected LED lighting to support its mission to become the premier, multi-purpose venue in the southern hemisphere. The installation represents the largest LED stadium lighting system of its type in Australia.

The holistic LED stadium lighting system includes more than 22,000 controllable LED light fittings which are managed through Interact Sports Lighting management software. Interact Sports has the flexibility to create a completely immersive lighting experience for fans at the 60,000 capacity venue, making it ideal for a wide variety of events.

Interact – Making it happen

Interact Sports enables remote reconfiguration and monitoring of the LED connected lighting to create a multipurpose arena for fans to watch anything from their home football and cricket teams to world-famous rock bands. Music and lighting can be merged together

in advance by the lighting operator using Interact Sports scene management, making it easy to create visually stunning pre-match and halftime light shows. The LED floodlights meet all the requirements for HDTV broadcasting standards for sports lighting.



Integrated fan-first experience

The venue showcases the integration of different arena lighting systems through a central Interact Sports

dashboard, including the pitch lighting system, the external architectural lighting light shows, and entertainment lighting around the stadium bowl



Making a scene

The façade and roof canopy are lit by connected Philips Color Kinetics architectural LED lighting and controlled by Interact Sports scene

management software. The roof canopy acts as a giant canvas upon which spectacular light shows can be created with patterns and imagery, all managed via the Interact Sports dashboard.



Scene management

Interact Sports scene management software allows you to program and synchronize entertainment lighting inside the stadium and the architectural

lighting around it from the same dashboard or app. This easy-to-use software lets you extend the match day experience and attract a wide variety of events to diversify revenue streams.



Cloud control

Hospitality areas and offices inside the stadium are lit with LED lighting that can be added to the remote management dashboard, giving easy control

of the whole stadium's lighting via a cloud-based dashboard accessible from any location over any networked device.

Project details

- Multipurpose stadium with a capacity of over 60,000
- 22,000 LED connected, centrally managed light points: the largest LED sports lighting system in the world
- Music and lighting can be merged together by the lighting operator for seamless implementation

 Find out how Interact can transform your business

www.interact-lighting.com/sports

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