

PHILIPS

dynalite

Lighting Control

Sydney, Australia

Allianz  Stadium

Gate 5

Gate 5

Creating the ultimate
event-day experience at
Allianz Stadium

About the project

Allianz Stadium is a world-class sporting venue located in Moore Park, Sydney. The stadium hosts major sporting events and concerts, attracting large crowds of up to 42,500 people.

As part of its recent redevelopment between 2019 and 2022, the stadium underwent a major lighting control upgrade to enhance the spectator experience and operational efficiency.



The challenge

In addition to the main sports field, the stadium has several ancillary areas including a gym, training rooms, private event spaces, and a member's lounge. The new lighting control solution needed to be scalable and flexible to ensure a consistent guest experience across all areas.

There should also be safeguards in place to ensure 100% uptime across the entire venue so that the lights, and other integrated systems, perform exactly as needed around the clock.

Sustainability was a key focus for the management team at Allianz Stadium, so a lighting control system that supports the venue's energy management strategy was preferred.

Finally, the customer required a hand-held device with intuitive software to monitor and control the system for the benefit of their facility management team.

The solution

Certified System Integrator, Automated, chose Philips Dyalite to bring the stadium to its full potential through the power of connected lighting.

Their experienced team knew that no other lighting control system offers the same degree of scalability, sustainability, and reliability, as required by the customer for a venue of this

size and status. Over the course of 3 years, Automated worked in close consultation with the customer, Venues NSW, and electrical contractor, Fredon, to implement the new system and achieve the following outcomes.

Complete customisation

The new Dyalite System provides bespoke lighting control for the stadium's ancillary areas. Further, the user-friendly interfaces allow operators to easily adjust the lighting levels in each area to suit the specific activity or event taking place.

For example, in the members lounge, the lighting creates a relaxed and comfortable atmosphere, whereas in the gym and training rooms, the lighting has been tailored to provide optimal visibility for exercise. This level of control and customisation ensures that each area is properly lit, enhancing the user experience and maximizing the functionality of each space.

Throughout the venue, the lighting can change colour depending on which teams are playing, and the lighting scenes can be scheduled in advance to ensure everything runs smoothly on game-day. These scenes can also be tailored for specific musical artists and other special events.

Smart and sustainable

Motion sensors support the stadium's energy management strategy by ensuring the lights are only on when a space is occupied.

Philips Dyalite's headend software, System Manager, allows facility management to monitor the stadium's energy performance and adjust their strategy accordingly. They are also notified when a lamp approaches its end of life, so that proactive repairs can be made outside of peak times.

Automated also tailored the Dyalite Control App to suit the needs of Allianz Stadium's facility management team. Now, portable tablets provide a comprehensive and easy-to-operate control solution allowing the entire venue to be controlled by the touch of a screen.

“The gym facilities can be customised to suit a variety of activities. For example, the spin room now has a fun ‘nightclub’ atmosphere, whilst the yoga rooms are tailored for relaxation.”

Joseph Joukhadar
Managing Director, Automated



“We understood the core needs of our customer and developed a bespoke solution that surpasses all expectations. The new lighting control system is flexible, reliable, and easy to use.”

Toki Talagi
Project Manager, Automated

Benefits

The Dynalite System is:



Sustainable



Human-centric



Reliable



Scalable

Conclusion

The new lighting control system has transformed Allianz Stadium, providing an immersive experience for spectators, members, athletes, performers, and staff alike. It is easy to use, entirely customisable, and built to withstand the intense demands of a world-class, multipurpose stadium.

So, whether players are using the facilities for training, or thousands of spectators are piling in to enjoy a sell-out game or concert, Allianz Stadium's management team can depend on the reliability of the Dynalite System to make the experience memorable.

Project team

Customer

Venues NSW

System spec. and commissioning

Automated

General contractor

Fredon Engineering Group

Lighting Control Solution

Philips Dynalite, a global brand of Signify

A proud Certified System Integrator





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