



The Star

– shines with advanced lighting control system

For more than a decade it was known as Star City Casino. Now, after a \$870 million redevelopment and refurbishment, the casino complex has been relaunched as The Star and is set to become one of Sydney's major entertainment precincts.

Some two years in the making, the project included renovating the casino, building a six-star hotel, refurbishing the existing 480-

room hotel as well as replacing the takeaway and food court outlets with showcase restaurants and most dramatically, the re-orientation of the casino towards Sydney Harbour.

Behind the scenes, Philips Dynalite undertook a complex and challenging lighting upgrade across both hotels and the casino as well as facades and external public areas.

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Client requirements

A part of the drive to relaunch The Star as a world-class entertainment and gaming destination, the lighting upgrade was integral to building an exciting and sophisticated environment for guests and visitors.

The client required an innovative and integrated lighting control system that would work seamlessly to provide appropriate illumination throughout the complex from gaming floors to guest bedrooms.

The lighting control system for the new 171-room Darling Hotel needed to be flexible enough to control a wide range of light fixtures from a range of different manufacturers.

“ The Philips Dyalite advanced lighting control system seamlessly integrates every aspect of The Star’s lighting needs. ”

The Philips Dyalite solution

Critical to designing the most appropriate lighting control system for the complex, was Philips Dyalite’s proven track record with other casino projects.

As the renovations progressed, Philips Dyalite worked behind the scenes to update the electrical switchgear and replace the existing lighting control system. As each stage of the project was completed, it was important that all the different segments were able to operate seamlessly and flawlessly.



Unparalleled control and flexibility

A key component of the redevelopment project was providing a lighting control system for the newly constructed Darling Hotel. Philips Dyalite specified different equipment for corridors, facades and rooms.

The contract for the electrical fitout was let by separate tender for each of the four rooms – standard, junior, executive and signature suite – as well as the Day Spa lighting, lobby lighting and all corridor illuminations.

While the contractor considered the jobs as separate entities, they also had to consider that all of the elements had to work together.

A welcome in every room

The Philips Dyalite management system communicates with the separate control system in each room for the internal services, including door locks, air conditioning and audio-visual control.

The system can send a Dyalite control signal to set a welcome scene for guests, which includes setting a particular lighting level and the display of a personalised greeting on the TV in the room.

When a guest enters a room they can choose a lighting scene from a wall panel – either a morning or an afternoon scene by simply pressing a button. There are also motion detector sensors in each room and if no movement is detected for a certain period of time, the system turns the lights off which saves energy. Guests can also control the blinds, temperature and entertainment with one single button as well.



Products and technology used

The lighting management system for the entire complex is controlled from a central, head-end computer running EnvisionManager software. As a new section of the complex was refurbished it formed a new segment of the networked system with cables running back to the head-end computer.

All the products specified were off-the-shelf units, with the only customisation applying to the physical button sets and the configuration of the Revolution wall panels used in the rooms.



Key client benefits

The Philips Dynalite integrated control system offers reliability, flexibility and efficiency to ensure that The Star will mark its mark as a world-class entertainment and retail destination.

The intelligent design of the system has made it possible to deliver secure lighting on casino floors, ambient lighting in hotel rooms and restaurants and dramatic façade lighting all linked to one easy to operate control system.

The intuitive system provides hotel guests with a personalised experience, enhances guest comfort and improves operational efficiency.

“The sophisticated and simple to operate Philips Dynalite lighting control solution will deliver operational efficiency for The Star.”

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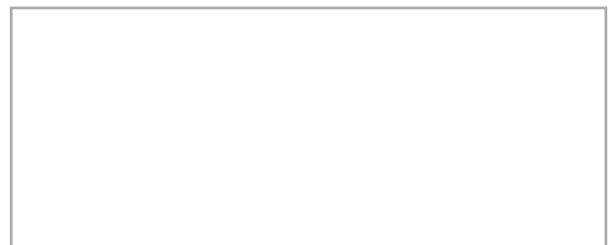
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