



# Case study

## Park Hyatt Hotel

Location  
Philips Lighting

Sydney, Australia  
Philips Dynalite Controls

**PHILIPS**  
dynalite 

## Background

When Park Hyatt Sydney decided to extensively renovate its landmark hotel on Sydney's waterfront, it wanted a lighting solution that would complement this breathtaking location, as well as its new architecture and interior design. A highly specific lighting design created by internationally renowned lighting designer David Singer, has been brought to life by a Philips Dynalite control system and as a result, the hotel has achieved a dramatic transformation.

## The challenge

Luxury hotels strive to retain a feeling of market leadership designed to optimize the customer experience and exceed their expectations. For the Park Hyatt Sydney hotel, its very location on the waterfront in Sydney Harbor represents both its biggest strength and its greatest challenge.

With views across Sydney Cove taking in both the Sydney Opera House and the Sydney Harbour Bridge, the Park Hyatt Sydney boasts one of the best city views in the world, featuring two of Australia's most recognized iconic landmarks. Guests are sure to be left breathless by the hotel's very position and outlook. The challenge is to complement this panorama with an equally unforgettable interior experience.

First opened in 1990, the Park Hyatt Sydney has recently reopened, following the largest and most comprehensive renovation in its 22-year history. Every aspect of the hotel has been dramatically transformed – from the private guest rooms to the public communal areas – to enhance the guest experience and set a new benchmark in modern luxury for the hospitality industry.

Architecturally designed guestrooms feature floor-to-ceiling glass façades that open onto private balconies, which allow guests to absorb the beauty and vibrancy of Sydney's bustling harbor front.

Renowned Australian artists have been commissioned to create unique artwork throughout the hotel – including sculptures, paintings and photographs. The restaurant and bar, private dining rooms, day spa and recreational facilities have all been meticulously redesigned to maximize guest enjoyment in one of Australia's premier hotels.

The Park Hyatt Sydney's redesign was aimed at bringing a new level of contemporary hospitality luxury to the edge of Sydney Harbour. A lighting control solution from Philips Dynalite was chosen for the company's proven capabilities, professionalism, credibility, sustainable options and value for money. The lighting design had to blend seamlessly with the new redesign concept of the hotel. Custom lighting and warm, neutral hues adorn the hotel's furnishings and décor to complement its newfound residential indoor-outdoor living experience.

## The solution

There was a Philips Dynalite solution on site prior to the renovation and Philips had already built up a good relationship and exemplary record with the hotel over the years. The Philips Dynalite team were confident they could achieve a number of outcomes that other lighting control solutions providers could not. This has been proven on many projects around the globe.

The solution includes seamless integration to third-party systems within the hotel – such as the fire control system, motorized blinds and the AMX AV equipment. It was also important to achieve an intuitive ease-of-control of the hotel's lighting with an ability to



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## Fast facts

### Customer

Park Hyatt

### Location

Sydney, Australia

### Lighting Designer

Bar Lighting Studios

### Products

DDRC1220FR Relay Controller; DLE1210 and DLE1205 Leading Edge Dimmer Controllers; DBC1210 Dimmer Controller; DDTC001 Timeclock; DPN Classic Series User Interfaces; DTP170 Touchscreen.

### Lighting Solutions

Energy efficiency, architectural lighting design, lighting controls for hotels, function rooms, foyers, suites and back-of-house.

easily change lighting scenes. Part of this entailed the requirement for a solution that could be controlled through an iPad. Philips provided lighting controls for the back-of-house and common guest areas of the hotel, including the main foyer, ballroom, restaurant, the pool area, lift lobbies and gym.

The lighting control solution included the use of a combination of DDRC1220FR relay controllers, DLE1210-RCBO and DLE1205-RCBO leading edge dimmers and DBC1210-RCBO dimmer controllers from Philips Dyalite. Together, these enable the custom-made luminaires to be fully controlled. The luminaires include leading edge halogen globes and wall-mounted dimmers. The ability to dim the lighting throughout most of the hotel areas was an important design consideration for the project.

Different lighting preset scenes have been programmed for Sunrise, Daytime, Early Afternoon, Late Afternoon, Sunset, Early Evening and Mid Evening for the main foyer, restaurant and function areas. These lighting presets mimic natural light levels at different times of the day, allowing the hotel to feel more attuned to its surroundings. Furthermore, it enables the building's occupants to feel more relaxed and in closer harmony with their natural circadian rhythms throughout the passage of day.

To facilitate the seamless transition of these lighting scenes, a Philips Dyalite DDTC001 timeclock automatically changes from one preset to the next at pre-defined times. The timeclock allows the exact times of these transition phases to vary throughout the year as sunrise and sunset times change from one season to the next. Approximately 90 per cent of the lighting control in the public areas of the hotel is achieved through these timer-based functions.

Where manual control of the systems is required, Philips Dyalite DPN Series user interfaces have been used. One Philips Dyalite DTP170 touchscreen has also been provided in the engineering office as a redundant universal control.

The Philips Dyalite lighting control system comprises a total of 396 channels for switching and dimming. These are connected via 13 interlinked networks using Philips Dyalite's sophisticated peer-to-peer communications serial bus network, DyNet, on a trunk-and-spur topology. Integration to the various third-party systems was achieved through Philips Dyalite DTK622-RS232 Nodes.

## Benefits

One of the principal design aspects for the lighting control was to be able to maintain a consistency of light level from outside to inside. The result is that the hotel's lighting emulates natural light levels, such that at times of the day when there is less light outside, the hotel's lighting system is set to deliver a warmer, cosier lighting ambience.

A very specific architectural look and feel that Park Hyatt adheres to across all of their hotels was achieved. The lighting and lighting design control was very much based around accomplishing this look.

The care and precision with which this process was carried out undoubtedly contributed to the successful project outcome. The location is stunning and the lighting effects truly complement the hotel's surroundings. A highlight is the presidential suite, from which there is an amazing 270-degree view that encompasses the Dawes Point Park, the Harbour Bridge, the North Sydney shoreline, the Opera House and Circular Quay.

The upgrades have been popular with hotel guests and staff alike. Park Hyatt Sydney is pleased with the lighting system and installation that has been done. All lighting is performing perfectly as designed. With a coveted harbor-front location between the Sydney Opera House and Sydney Harbour Bridge, the refurbished Park Hyatt Sydney now offers guests an intimate, residential-style hotel with architecture, design and art that reflects the Australian landscape.



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