Extensive project:

Time was also a challenge. A total of about five years to complete the entire project from design, acquiring fixtures, installation, programming and testing, lighting designer David Singer had to create something impressive yet timeless, which can keep up with the beat of the lighting trend.

Another challenge of the project is that due to the scale of the hotel, the number of switches is 4 to 5 times more than other projects. Engineers and electricians needed to keep up the level to ensure the appropriate functioning of the lighting systems. The lighting project is massive and complicated, with 10,000 to 15,000 lighting zones in the hotel and each zone is programmed with 16 scenes. Not only are Lutron wallplates, dimmers and controls come in a variety of colors, finishes and styles to coordinate with any project's aesthetic requirements.

To achieve the desirable quality of light, Park Hyatt Shanghai installed incandescent low voltage halogen lights. This type of light is claimed to be ten times more efficient than ordinary incandescent LED lights, however, with the specification of Lutron's lighting control systems, which saves energy when they dimmed, lights are able to achieve the specific lighting aesthetical standards while effectively conserving energy. LED lights are able to be dimmed by 2 times if dimmed by 10% and 4 times if dimmed by 25%. Significant maintenance and lamp cost can be reduced as a result.

"We always recommend the use of Lutron's lighting systems for their high quality and professional pre-sales and post-sales support. Lutron's local representatives are true experts and professionals who works in partnership with the design team and other stakeholders to bring their projects to life. Lutron continues to make a significant commitment in delivering high quality lighting solutions and professional customer service," said Tashiro.

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Project Name: Park Hyatt Shanghai
Architect: Kohn Pedersen Fox Associates (KPF)
Interior Designer: Tony Chi
Lighting Designer: David Singer

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Case Study | Park Hyatt Shanghai
Total light control experience at hotel guestrooms
Lutron Electronics.

the state-of-the-art lighting control systems provided by modern technology is particularly valued, such as modern style and timeless regional trademarks with grace custom designed each Park Hyatt to brilliantly combine World-renowned architects and interior designers have together with distinctive regional character.

"The Vertical Complex City" in the Pudong business district, the Shanghai World Finance Centre (SWFC), also known as “Park Hyatt Shanghai” is one of the world's highest hotels, offering an unforgettable experience of elegance, contemporary luxury and highly attentive personal service. Understated with spectacular views across the Bund, the Huangpu River and some of the world's tallest skyscrapers. Understated and fastest paced city. Of key importance was to provide lighting that eliminated distracting reflections.

The Challenge:

To help create a calm and tranquil ambience in a luxury hotel 17 stories above the streets of China's most dynamic and fast-paced city. Of key importance was to provide lighting that eliminated distracting reflections.

The Lobby:

To cope with such a lighting design philosophy, Tashiro worked with lighting designer David Singer and turned to the leading lighting control manufacturer Lutron to make use of their wide product range to meet the versatile needs of the hotel at various locations. Lutron's GRAFIK™ 7000 centralized lighting control system was used in public spaces each with a variety of lighting sources and zones. The lighting control system ensures that the lobby lighting is thoughtfully connected with the architecture and highlights important places including the main lobby, all-day dining restaurant, presidential suites and guestrooms.

A daylight integration system was installed in the lobby, gradually adjusting the electric light level and save energy. Photo sensors were installed to measure the electric light level and linked to Lutron’s lighting control system. The electric light is automatically adjusted according to the brightness of the daylight. From daytime to evening, the electric light from daylight gradually fades to the desired desired light levels and save energy. Photo sensors were installed to measure the electric light level and linked to Lutron’s lighting control system. The electric light is automatically adjusted according to the brightness of the daylight. From daytime to evening, the electric light from daylight gradually fades to the desired desired light levels and save energy. Photo sensors were installed to measure the electric light level and linked to Lutron’s lighting control system.

The Wallbox dimmers:

DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED. DALI), neon cold cathode and LED.

Scalable and flexible, GRAFIK 7000 is the ideal solution for multi-zone commercial environments with numerous zones each with a variety of lighting sources and zones required. It is capable of controlling all common light sources, including track lighting, fluorescent, line voltage, high intensity discharge (HID), compact fluorescent (CFL) and LED.

The Guest room experience:

Park Hyatt is devoted to providing all its guests with a memorable stay. The enjoyable experience begins when the guests enter their rooms and press the wall control button for the first time. The space will be lit up gradually, creating a warm and inviting scene. The lighting ambience will vary according to different hours of the day, thanks to the built-in timeclock of Lutron's HomeWorks System. Guests will enjoy the understated luxury of different atmospheres every time they enter the room and experience the unusual tranquil ambience of the hotel that cannot be easily found else where in such a fast-paced city.

Wallbox dimmers:

Inside guestrooms, Lutron's Rania™ single and dual dimmers were deployed to help lower the voltage and change the light from white to amber. The hotel has preset the desirable light levels for bedrooms, bathrooms, hotel rooms can always fine-tune the lights to the preferred levels. Pressing the bedside all-off button will gradually fade all lights to darkness, allowing hotel guests to smoothly glide into sleep.

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