



Smart hotel. Smart return.

Control solutions for hotels

PHILIPS
dynamilite 

Promoting guest comfort, brand differentiation and operational efficiency

Today, hotel guests expect a luxury home away from home experience whilst staying in premium accommodation. And increasingly, guests want to take control of all aspects of their stay with the touch of a button. Operators want to deliver on the experience and enjoy premium returns.

“The simple user interface can provide one touch control of all services”

The Philips Dyalite control system offers guests the convenience of controlling multiple functions in their room such as lighting, security, entertainment, temperature, curtains and blinds with one easy-to-use interface. With the same interface, your guests can make requests for housekeeping and room service giving them the unprecedented ability to create an environment and experience, perfectly suited for their stay.

Importantly, the system also gives hotel staff and management control of every aspect of a hotel environment including guest rooms and public areas to help reduce labour costs, improve service, optimise facility usage and save energy. All this, adding up to improved guest satisfaction and brand loyalty.

The Philips Dyalite control system is economical, flexible, sophisticated and simple-to-use and allows individual hotels to customise a solution to suit their guests' needs.



Energy saving without the sacrifice of comfort

Because the system has the ability to detect guest presence, it can automatically switch off all lighting, turn the climate control system to an economic level and close the blinds insulating the room. With this level of control, the room is always ready to provide a comfortable welcome for guests when they return, whilst being as energy efficient as possible.



“The Philips Dyalite control system provides an unparalleled level of control over guest rooms and public areas to enhance guest comfort and satisfaction, as well as superior operational and facility management”

A sophisticated and simple to use control system that offers unrivalled performance, reliability and versatility



Supporting a wide range of configurations and finishes, each panel can have its functions fully customised. Above left shows a multifunction panel with display and above right shows a simple toggle panel.

Redefining the guest experience

The Philips Dynalite control system allows guests to control lighting, motorised blinds/curtains, entertainment, temperature from one intuitive interface.

Control panels can be customised with different button sizes and unique engraving, allowing for intuitive control for guest comfort.

Hotel wide control and integration

The control system can be integrated to the hotel's management system allowing staff to see the real-time status of a room from occupancy to guest needs and requests. This allows staff to execute their tasks more efficiently.

Within the room, a guest can indicate to staff if the room needs to be made, if there is dry cleaning to be picked up, trigger an alarm for emergencies or opt for 'do not disturb'.

Staff can monitor and control HVAC based on occupancy to reduce energy costs, attend to guest requests instantly for improved service, fast cool rooms for comfort when the guest checks in and monitor guest departure for cleaning service.

In practical terms, this means housekeeping doesn't disturb guests and HVAC and lighting are never wasting energy in unoccupied rooms.

This clever system can automatically switch off all lighting, turn the climate control system to a more economic level and close the blinds as soon as the guest checks out.

Touchscreens allow for the control system to display current room temperature, lighting levels and the selection of different room options.



Customised and user-friendly control panels

Customised panel designs make the system easy-to-use. The panel face plate can be metal etched with the hotel's logo. Each control panel switch cap can be engraved with words or icons to help explain the functions of each button and this can be rolled out across a hotel network.

The interface can be matched to a hotel room décor. A large range is available to select from.

One flexible controller for many functions

Within hotel rooms, there are many different lighting and mechanical load controls such as controls for LED, fluorescent, incandescent, power, DMX and curtain/blind control. Each load type requires a different type of control for dimming, switching or setting third-party equipment. The Philips Dynalite system offers mixed control units that drive multiple load types from one controller.

“ This intuitive control system provides your guests with a personalised experience ”



Shangri-la Hotel, Sydney Australia

The Philips Dynalite control system – points of excellence

- Customised solutions for individual hotel's needs
- Build on additional features and functions as desired
- Delivers operational and programming flexibility
- Offers management of occupied and unoccupied rooms for lighting, HVAC and curtains/blinds
- One system can control a single room, lobby, ball room and reception
- Each area can have a stand-alone system or be networked together for maximum flexibility and control
- The system can easily be expanded to allow for upgrades and renovation
- Extends the operating life of lighting which reduces maintenance and energy costs
- Can create ambience in public areas
- Simple to operate
- User-friendly interface
- Back-of-house area can be controlled via occupancy sensors providing further energy savings
- Choice of LED lighting controls
- Easy connection to building management system through high level interface
- High level integration to allow full access to all system functionality.



A president suite at the Hilton Hotel, Liverpool UK.

The world's tallest building,
the Burj Khalifa – Dubai, UAE



Burj Khalifa – Dubai, UAE

The world's tallest building and man-made structure, promises the ultimate in intelligent living. The emphasis on restrained elegance and sophistication for Burj Khalifa is uncompromising, with over 160 floors containing integrated lighting control and home automation solutions from Philips Dynalite. Residents, guests and visitors alike will be living on top of the world!

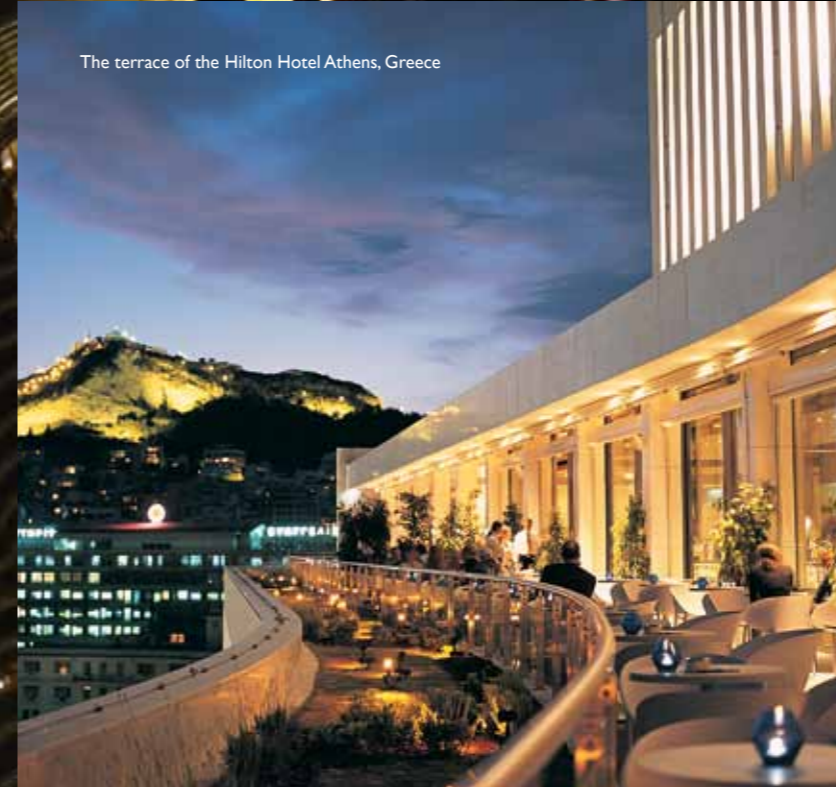


The lobby area of the Burj Khalifa
– Dubai, UAE

Galaxy Bar at the Hilton
– Athens, Greece



The terrace of the Hilton Hotel Athens, Greece



Hilton – Athens, Greece

The luxury Athens Hilton is a 517 room hotel, with over six restaurants and bars, as well as comprehensive meeting and conferencing facilities. It underwent a 96m refurbishment, encompassing a lighting control scheme to integrate with the contemporary design and distinct architectural characteristics of the building.

The clever control system at work

The Philips Dynalite hotel control system comprehensively enables the management of guest comfort and hotel efficiencies. Here is an outline of many of the system's key capabilities.

Outside the room

An option for mounting a multifunction control panel outside the guest room is available. This can be used to indicate to hotel staff the room status, for example, "make up room", "do not disturb" or "laundry pick-up required".

The multifunction control panel can also be used as a door bell. This door bell can be disabled if the guest has nominated the "do not disturb" function of the control system.

Room entry

Once inside, the guest enters the room card key into the control systems card holder and this can then trigger multiple functions such as open blinds, adjust thermostat to previous set level and turn on lighting. With the control system able to perform multiple functions automatically, the guest does not need to actively interact with the control system, as the control system is interacting with them. This automation adds to guest comfort as they don't need to operate multiple panels, setting the room to their liking.

When the guest leaves the room taking the card key with them, the room will automatically perform a shut down sequence after a delay. Within the shut down sequence, the thermostat will be set to an economical mode, all lighting will be switched off, designated power points can be disabled, therefore removing electronic devices on stand-by power and the blinds can be closed insulating the room from potential temperature change.

Detecting guest requirements

Within a hotel room there are many different elements that can be coordinated together.

Lighting within the wardrobe can automatically be switched on when the door has been opened, then turned off after a door is closed and time delayed when the room is vacated.

If the hotel room has a balcony door or window, the control system can be set so that if the guest opens either of these, then the airconditioning system will automatically switch off or change to a desired mode. This energy saving feature can contribute to significantly reducing the cost of running airconditioning services unnecessarily.

Motion detection within the bathroom is a useful feature and prevents guests searching for control panels in the dark. The operation of the sensor can be dependent on the time, allowing different functionalities between night and day. For example, if occupancy is detected in the bathroom for the first time during the night, the lighting will slowly ramp up to a low level, allowing guests to adjust. After no occupancy has been detected, the lighting will automatically turn off in that area.

Bedside panel

The bedside panels allow the guest to set the lighting scene for the room as well as control bedside lighting, the 'do not disturb' and the 'goodnight' functions, as well as window and blinds etc.

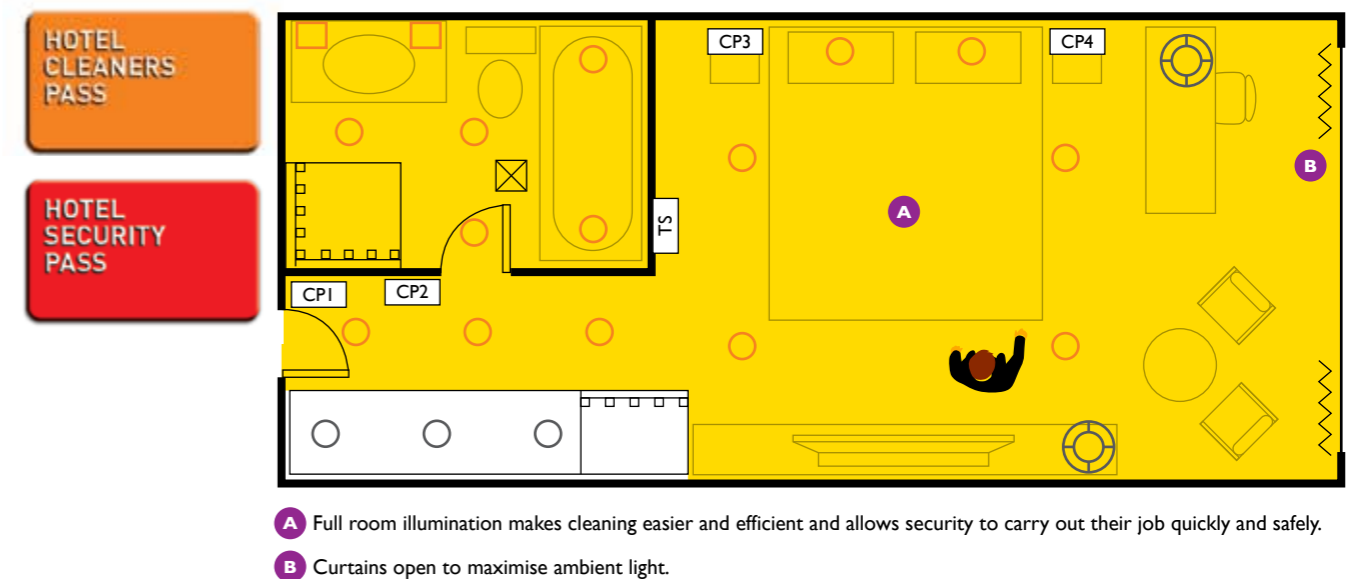
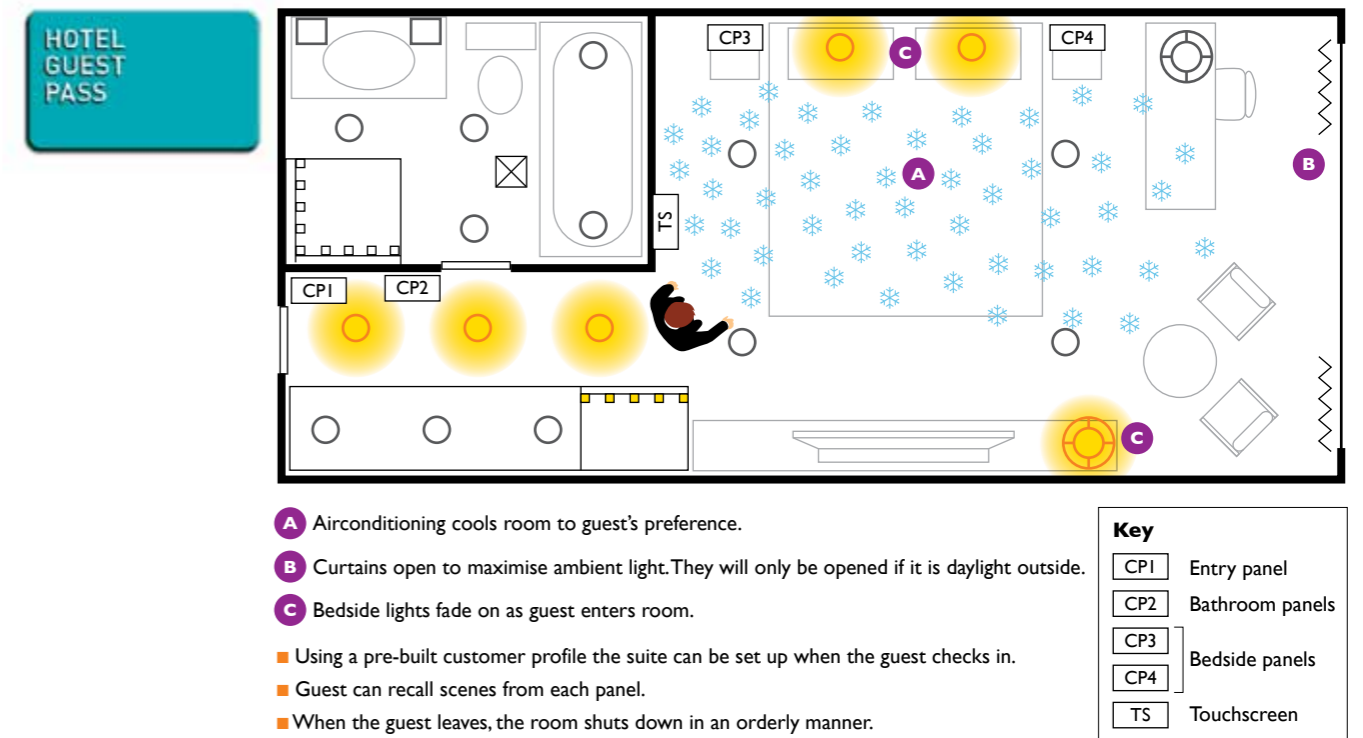
Window dressing control

Guests can control curtains/blinds from the same panel that provides lighting, airconditioning and audio-visual control. This control can also be programmed to open the curtains when the wake up alarm goes off.

Airconditioning control

Integrating the airconditioning system to the room management system allows the hotel to reduce unnecessary energy consumption. Guests can view and set the temperature level in the room and fan speed from the same panel they use to control the lighting.

If a touchscreen has been installed, this can also display the current levels in the room and required set point as well as providing control over the fan speed and temperature set.



Check-in integration

By building a client profile into a local or global database, the hotel can configure the room to the guest's preference on check-in. For example, the lighting and temperature can be set to guest preferences.

The room can also be set in vacant mode when the guest checks out. Vacant mode can turn off the airconditioning to save energy and close the window dressings to insulate the room.

Integration with the BMS system

Networking the rooms to the hotel BMS allows staff to override room control.

The hotel's energy usage levels can be constantly monitored allowing the system to adjust the current settings to meet energy usage levels.

A fully networked hotel system can also be configured to turn on all room and public area lighting in case of a fire. In addition, exits on each floor could be lit to brighter levels.

An intelligent control system for all areas

For over 20 years the Philips Dynalite control system has been the corner stone for advanced functionality, solid performance and dependability within hotels.

The Philips Dynalite control system delivers operational flexibility and programming for ballrooms, meeting and conference rooms, lobby areas, corridors and back-of-house areas.

From mood lighting to energy efficiency, the Philips Dynalite control system supports a range of complex features and high-grade lighting controllers to deliver a total solution across an entire hotel site.

Load controllers for any situation

Philips Dynalite controllers have evolved to be the industry leader in hotel environments offering unsurpassed reliability and flexibility.

They are designed and built to support the very latest features including:

- Smooth flicker-free dimming
- High-rise time specification for reduced lamp filament noise
- Ultra low RF transmission that will not affect other third-party systems such as audio
- True voltage regulation for extending lamp life, which reduces ongoing maintenance cost.

“High-grade lighting controllers that support the very latest features”



Colour cathode lighting in the ballrooms and meeting rooms of the Grand Hyatt – Dubai, change to suit the mood or occasion, further inspired by the theatrical lighting design.

Advanced functionality throughout the hotel site

Ballrooms – versatile and theatrical

The showpiece of any hotel, the ballroom can also be one of the most demanding areas to light as it often has to accommodate many different functions in one day.

Most ballrooms can be divided into smaller sections to suit the requirements and size of a function. The Philips Dynalite system supports “room join”, which automatically links multiple rooms and allows them to be controlled from one central point.

In any ballroom, it is very important to set the right mood for the occasion. The Philips Dynalite lighting control system can coordinate multiple lighting groups to work together ensuring seamless changes between scenes and theatrical effects.

Restaurants – creating exceptional ambience

For any restaurant that wants to deliver a truly unique dining experience, the lighting atmosphere is critical. The Philips Dynalite system seamlessly brings together all lighting types to deliver perfect ambient lighting.

The system supports a range of load controllers to drive the various lamp types and can also automatically adjust blinds and awnings. Importantly, the system can run automatically from timed events and light level sensors allowing staff to concentrate on their duties.

Intuitively set up touchscreens allow for multiple points of control from one location to set up the perfect scene.

A range of panel finishes allows for unobtrusive control points within the restaurant, enabling staff to make quick adjustments to lighting for customers.





The restaurant in the Scarlet Hotel – Cornwall, UK



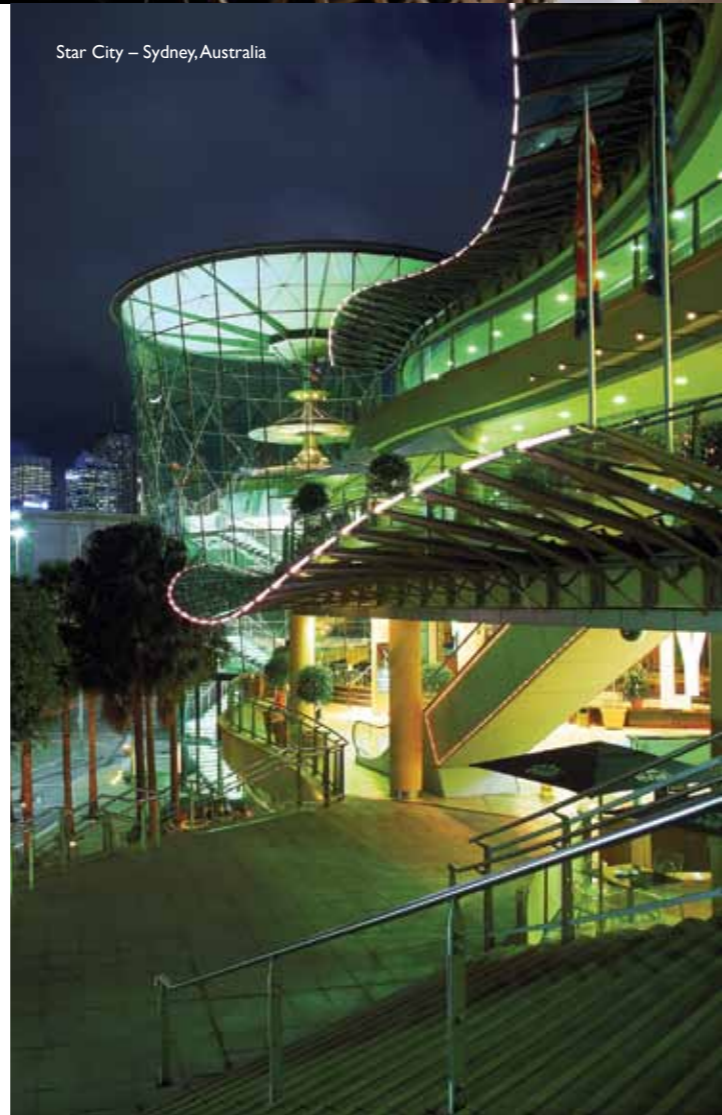
Spa facilities at the Scarlet Hotel – Cornwall, UK

Scarlet Hotel – Cornwall, UK

Perched on a cliff in beautiful Cornwall, the Scarlet Hotel has set a new benchmark in sustainable hotel design. Its impressive energy performance is underpinned by a lighting control system by Philips Dyalite. Stunning architectural and mood lighting belie the considerable energy savings realised – with an internal lighting efficiency of just 3.36 watts per square metre being achieved.

Star City – Sydney, Australia

The Star City Casino now boasts more than the best venues in Sydney, having received an Award of Excellence in lighting design. The elegant lighting design works in harmony with the stunning exterior views of the Sydney CBD. Underpinning this lighting design and providing the ultimate in automation for Star City's ball rooms, lobbies, casino, restaurants and guest rooms is a state-of-the-art control system from Philips Dyalite.



Star City – Sydney, Australia



Star City Astral Bar – Sydney, Australia



Lobbies – for dramatic first impressions

Lighting plays a pivotal role in creating a striking and welcoming hotel lobby. It's a dynamic and busy place where people come together at different times of the day so the lighting needs to reflect this.

The Philips Dyalite system can effortlessly integrate the different elements of lighting in a lobby.

The system can automatically run a work schedule for the area to control the lighting throughout the day to ensure the lobby is always welcoming.

By adding an additional light level sensor, the control system automatically reduces energy consumption by dimming lighting levels while maintaining a pleasant environment.

Behind the scenes – the benefits of energy management

Within any hotel the behind the scenes areas are some of the busiest, as staff work to meet the needs of guests.

A Philips Dyalite system can effectively save energy in back-of-house areas including kitchens and staffing areas by automatically turning off lighting in areas that are not in use.

A clever combination of a timer clock and motion sensors can effectively reduce running costs while still providing the right level of lighting for staff to carry out their duties.

Head-end software can monitor area usage and produce reports showing how much energy is being consumed allowing hotels to implement energy saving initiatives.

Health and wellness areas

Gyms, saunas, swimming pools, hairdressers and beauty salons are standard features in hotels today. The Phillips Dyalite control system delivers innovative lighting scenarios to create the desired ambience and help make guests feel as relaxed as possible.

Facades

The Phillips Dyalite control system can create dynamic and memorable lighting effects that complement a hotel's façade and make a positive and lasting impression on guests.

Conference and business facilities

When guests are using a hotel for business, functionality, efficiency and flexibility are important.

The Phillips Dyalite system introduces an extra dimension to meetings and conferences with flexible solutions and energy-efficient lighting that provides the appropriate illumination at a reduced cost.

Car parks and outdoor areas

The car park is often one of the first places where guests experience a hotel so it's important that it feels welcoming and safe. The Phillips Dyalite system optimises lighting and controls energy costs, while still enhancing guest comfort and safety.

The Phillips Dyalite system also delivers decorative and original lighting effects to enhance outdoor areas such as gardens and courtyards.

Casinos

Lighting in themed venues such as casinos must be adaptable, capable of creating a wide range of moods and make guests feel welcome, safe and comfortable.

The Phillips Dyalite integrated control system allows versatility and full control of lighting levels in the many different areas of a casino such as secure lighting in the gaming areas and mood lighting in a restaurant.

Energy efficiency and your guests

Phillips Dyalite's integrated lighting control system can achieve high levels of energy efficiency in public spaces without sacrificing the luxury and ambience guests expect in a hotel.

Visit www.dyalite-online.com for more information.



“Efficient energy management benefits the environment and the hotel's bottom line”



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