

Until recently, lighting controls have largely been sold to high-end hotels as customized solutions, while the price-point for mid-range hotels has generally been too high to allow for a reasonable investment return. Interestingly, commissioning can account for as much as 60 per cent of the total project cost, partly because until now controls have not been designed purposely for hotel applications. Each individual space – every guest room and each public area – has needed to be programmed separately.

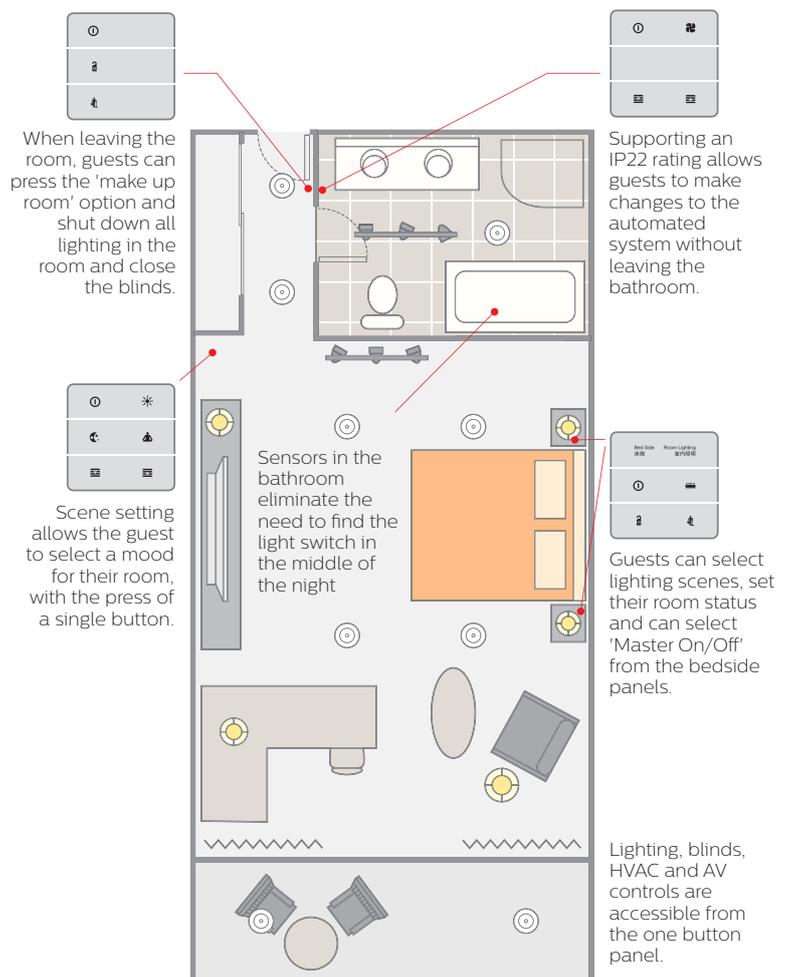
A modern hotel control solution from Dyalite simplifies commissioning with out-of-the-box functionality, and its ability to perform actions on multiple systems from a single button press.

- The Philips portfolio includes all necessary devices – luminaires, load controllers, user interfaces and sensors – to ensure perfect interoperability
- Out-of-the-box functionality reduces commissioning time and costs
- Occupancy detection automatically switches off lighting, power outlets, air conditioning and closes blinds after a suitable delay when rooms are vacated
- Easy implementation of time-dependent responses, such as varying the effect of a button press at different times of the day
- Attractive intuitive interfaces with universal language support

## Typical layout

A modern Dyalite hotel control system is designed to meet the varying and unique challenges of the hospitality sector. As the same network architecture is used for all areas of the hotel, the Dyalite solution simplifies planning, installation and operation.

From the guests' perspective, Dyalite delivers a sublime experience in which the system anticipates their needs. Each guest room is monitored and controlled through the BMS to ensure changes in room status receive a timely response. For instance, pressing the 'make up my room' button and vacating the room will turn off the lights, set the heating/cooling to an economy setting, close the blinds and turn off general power outlets.



For further user convenience, presence detection or single button presses can trigger multiple functions, while color-changing LED control can create the perfect ambience to perfectly match the guests' moods or event themes.

## Out-of-the-box operation

Dynalite's groundbreaking Guest Room Management System – GRMS and GRMSPLUS – lie at the heart of each system. These are dedicated, purpose-built controllers, offered at a cost-competitive price point for this price-sensitive market. They have been developed to streamline operations and save energy, while delivering an enhanced guest experience.

Complementing these controllers, Dynalite's truly innovative Antumbra user interfaces, Hotel Room System Actuator and universal sensors similarly provide pre-commissioned out-of-the-box functionality. Together, these elements combine to create a scalable, purpose-built solution which integrates seamlessly with other building systems.

## System outline

In effect, each room is a DyNet sub-network, minimizing the ability for system faults to spread through the network.

In addition to the automation within the guest rooms, the Dynalite solution can also be configured to achieve a number of important outcomes in the public areas of the hotel. From automatically adjusting the lobby lighting throughout the day to create the perfect welcoming ambience, to implementing safety settings in the event of an emergency, Dynalite ensures the lighting is optimized for every eventuality.

Furthermore, preset lighting moods enrich architectural effects throughout the public areas, while offering a selection of pre-programmed mood lighting for function rooms. Function room flexibility is further enhanced through a 'room-join' feature, which automatically adapts the control system when room partitions are moved.

Dynalite's hotel control solutions have been designed and proven in collaboration with some of the world's most prestigious hotels, with equipment and functionality matched to the precise needs of the hospitality industry. The result is a cost-effective, reliable, stable and responsive control platform.

Create ambience with preset scenes in bars and restaurants

Flexible solutions and energy-efficient lighting for conference and business facilities



EnvisionManager graphical monitoring/management for continuous, reliable and energy-efficient operation for Facility Managers and tenants

Allows for flexible room configurations for events and functions with preset scenes

Schedule control throughout the day to ensure lobby is always welcoming

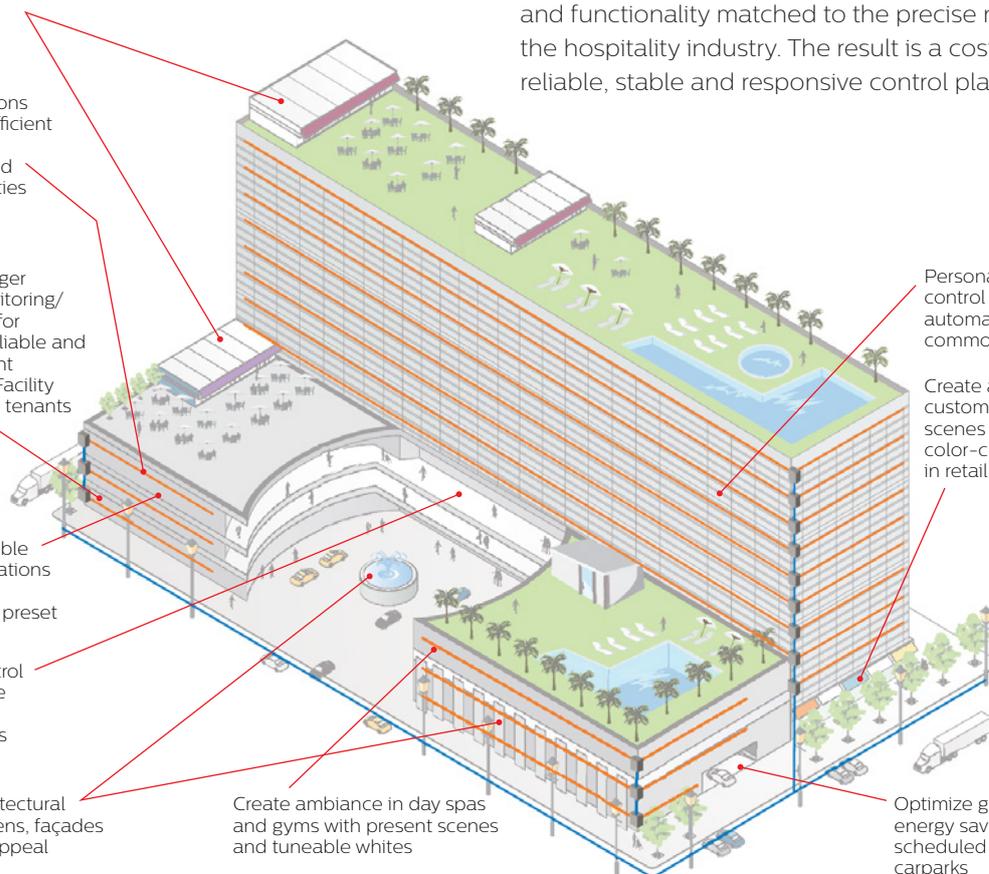
Highlight architectural features, gardens, façades for aesthetic appeal

Create ambience in day spas and gyms with present scenes and tuneable whites

Personal and central control of suites and automated control of common areas

Create ambience for customers with preset scenes and color-changing effects in retail outlets

Optimize guest safety and energy savings with scheduled control in carparks



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