

Lighting Control for Hotels

Creating outstanding visual experiences
for demanding hospitality projects

EATON

Powering Business Worldwide

Hotels & Hospitality

Demand a Total Solution

Over recent years increasing customer expectation has transformed the hotel environment from just a place to sleep into a destination to meet, work, play and entertain.

iLight Lighting Control Systems enhance the visual impact of every hospitality experience. Great lighting delivers the immediate impression of style, quality and sophistication tuned to the changing needs of each type of space throughout the day.

- Mix light sources e.g. LED, fluorescent, HID under one seamless control system.
- Set the perfect mood for each space according to time and activity
- Control lighting effortlessly with manual, automatic and time clock programs
- Make a statement: highlighting interior and exterior features and finishes
- Guests can relax in control of their luxurious surroundings
- Built in energy management with extend lamp life, reduced maintenance and lower energy costs.
- Integrate lighting with site-wide systems including BMS, Security & Emergency Systems



First Impressions

Welcome arriving guests, by using lighting to set the mood and enhance the atmosphere showing the hotel in the best possible light.

- Highlight architectural design and material finishes.
- Use pre-set scenes to differentiate areas and alter colours and moods throughout the day.
- Timeclock based operation when you need it.
- Achieve the "Wow" factor.



Dine in Style

A top restaurant demands great food as well as a stylish visual environment. Creative lighting and lighting control is a crucial part of delivering a memorable dining experience.

- Pre-programmed scenes
- Simple local control for special guest needs and events
- Long fade times for subtle changes



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Relax

Guest rooms need to meet the ever increasing expectations of both business and leisure travellers.

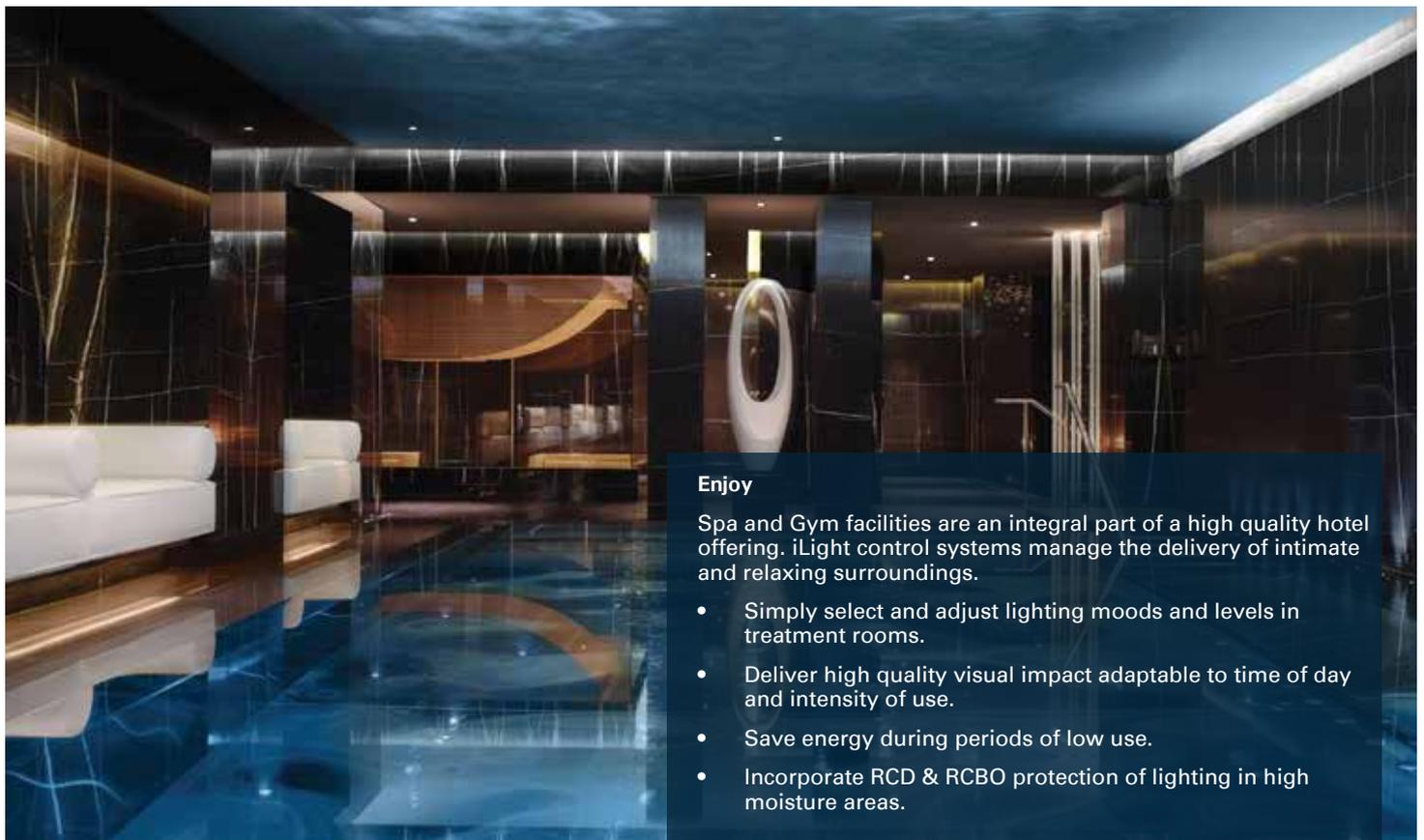
- Simple ergonomic controls to adapt room lighting for working, meeting or sleeping
- Maximise guest comfort with different lighting levels for reading, writing, and watching TV
- Integrate with shades, audio visual components, and heating to relax just like at home



Entertain

Hotel bars now also accommodate anything from DJ's and bands to concerts and nightclub style entertainment.

- Simple, flexible control panels to allow staff to tailor lighting to demand.
- Initiate pre-programmed effects and sequences through simple button selection including RGB colour changes.
- Full integration with DMX driven theatrical control.
- Customised button engraving or labelling for ease of use without training.



Enjoy

Spa and Gym facilities are an integral part of a high quality hotel offering. iLight control systems manage the delivery of intimate and relaxing surroundings.

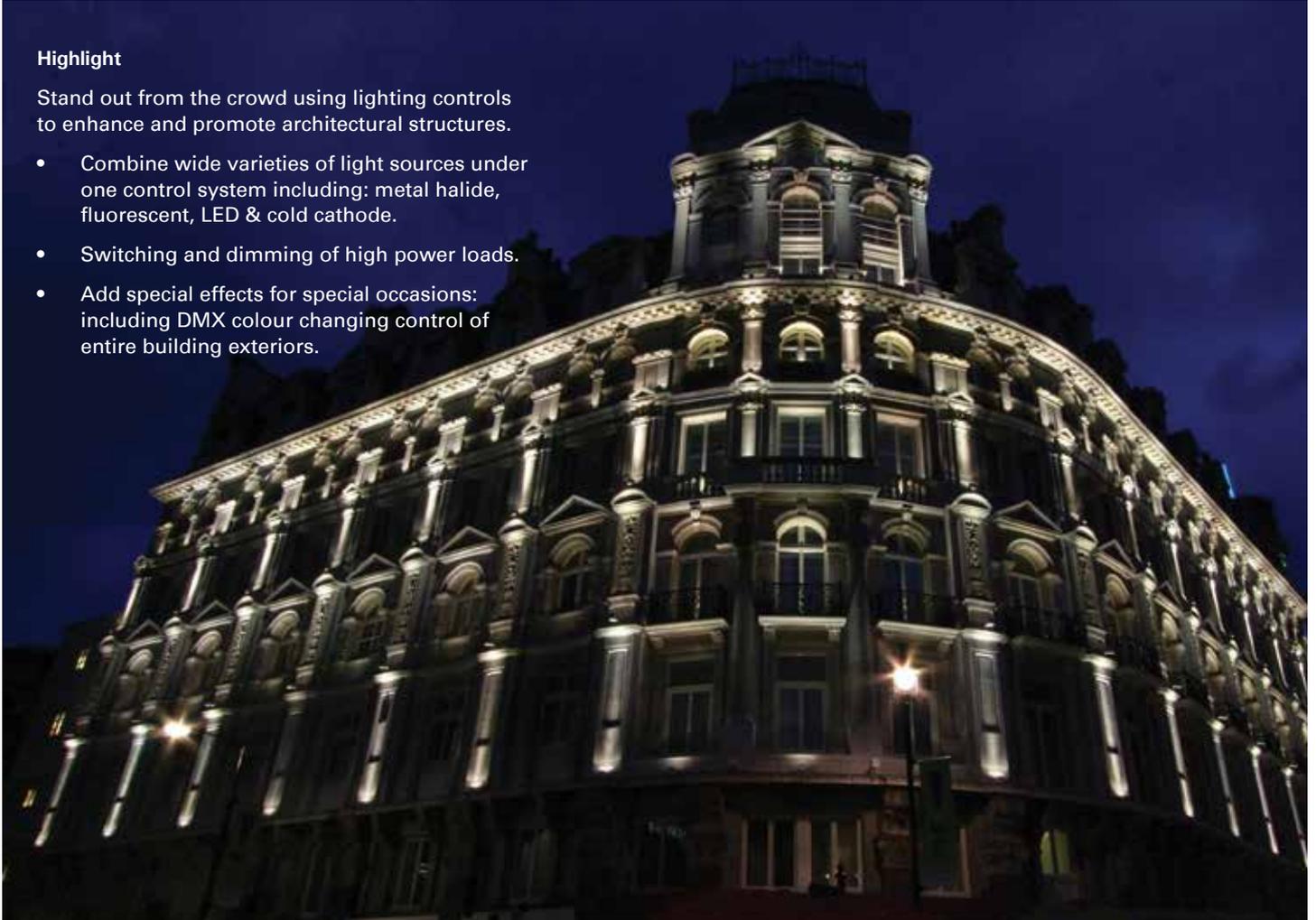
- Simply select and adjust lighting moods and levels in treatment rooms.
- Deliver high quality visual impact adaptable to time of day and intensity of use.
- Save energy during periods of low use.
- Incorporate RCD & RCBO protection of lighting in high moisture areas.

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Highlight

Stand out from the crowd using lighting controls to enhance and promote architectural structures.

- Combine wide varieties of light sources under one control system including: metal halide, fluorescent, LED & cold cathode.
- Switching and dimming of high power loads.
- Add special effects for special occasions: including DMX colour changing control of entire building exteriors.



Present & Perform

A professionally choreographed presentation can be just one button press away. From a conference in a meeting room to a wedding in a ball room, iLight's built-in intelligence delivers simple and understandable lighting control.

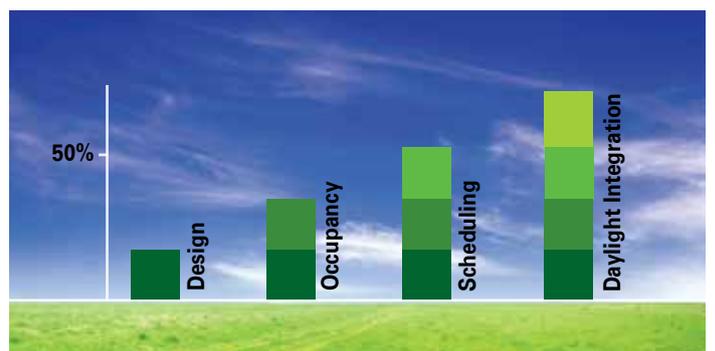
- Interface with AV and DMX theatrical equipment.
- Partition switches automatically configure lighting control according to space layout changes.
- Key switches or passwords used to protect control panels in public areas.
- Optional handheld remote control.



Save Energy Beautifully

With the intelligent use of lighting controls, dimming, time schedules, movement detectors and daylight sensors, iLight has all the tools to deliver spectacular lighting with energy saving strategies built in.

Potential savings of up to 70% of lighting energy costs can be achieved through the choice of energy efficient lamps, good design, scheduling, occupancy and absence detection and working with natural daylight.



Lighting Design Under Control



Eaton Lighting Systems has been delivering quality lighting control project solutions to the architectural, entertainment and energy management markets around the world for more than thirty years.

With over 10,000 project installations ranging from a seven star luxury hotel to the most demanding energy efficient commercial space, Eaton Lighting Systems is uniquely placed to blend the best practice from each market area through design, manufacture and project management.

Eaton products are tailored to suit local market needs including compliance with: CE, UL, SCA, NOM, ETV Standards as well as a wide range of custom solutions. Local delivery via our trained dealer network is supported by strategic regional offices around the world.

What Makes Us Special

- Distributed network intelligence for secure fault tolerant operation.
- Fully scalable systems for design flexibility.
- Efficient control of all types of lighting loads.
- Energy saving built in with dimming, sensors and schedules to save energy and money.
- Simple ergonomic designs for greater user convenience.
- Custom engraving, layouts and graphics to suit site specific requirements
- Soft start technology reduces maintenance costs and increases lamp life.
- Connectivity with BMS and external systems delivers a complete building control solution.

User Interfaces

The iLight range provides a wide variety of control devices suitable for all areas of a hotel from simple 'set scene' control panels for rooms & suites to powerful colour touchscreens enabling multi room and area control of lighting and other devices such as audio visual, heating and blind control.

With up to 250 custom pages, iLight touchscreens can be tailored to the exact requirement of a project. In reception and lobby areas for example, a plan of the hotel public areas can be imported allowing lighting and audio control of the lobby, reception, and dining areas from one source.



Source Controllers

From the high power control of many lighting loads to small compact units, the iLight range is large and flexible enough to be tailored to any requirement.

Source controllers are ideal for larger public areas such as lobbys and ball rooms with 5Amp to 20Amp per lighting circuit.

Compact DINrail mounted source controllers mounted in standard of custom enclosures are perfect for control of individual rooms and suites where space is at a premium.

The source controller range and interfaces cater for every possible switching and dimming load type and protocol including phase control, 1-10V, DSI, DALI, DMX, Ethernet, RS232, RS485 and BACnet.

Add time clocks, daylight measurement, presence and motion sensors to complete a comprehensive, energy efficient system solution.



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Eaton is a power management company with 2015 sales of \$20.9 billion. Eaton provides energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton has approximately 97,000 employees and sells products to customers in more than 175 countries. For more information, visit www.eaton.com.

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